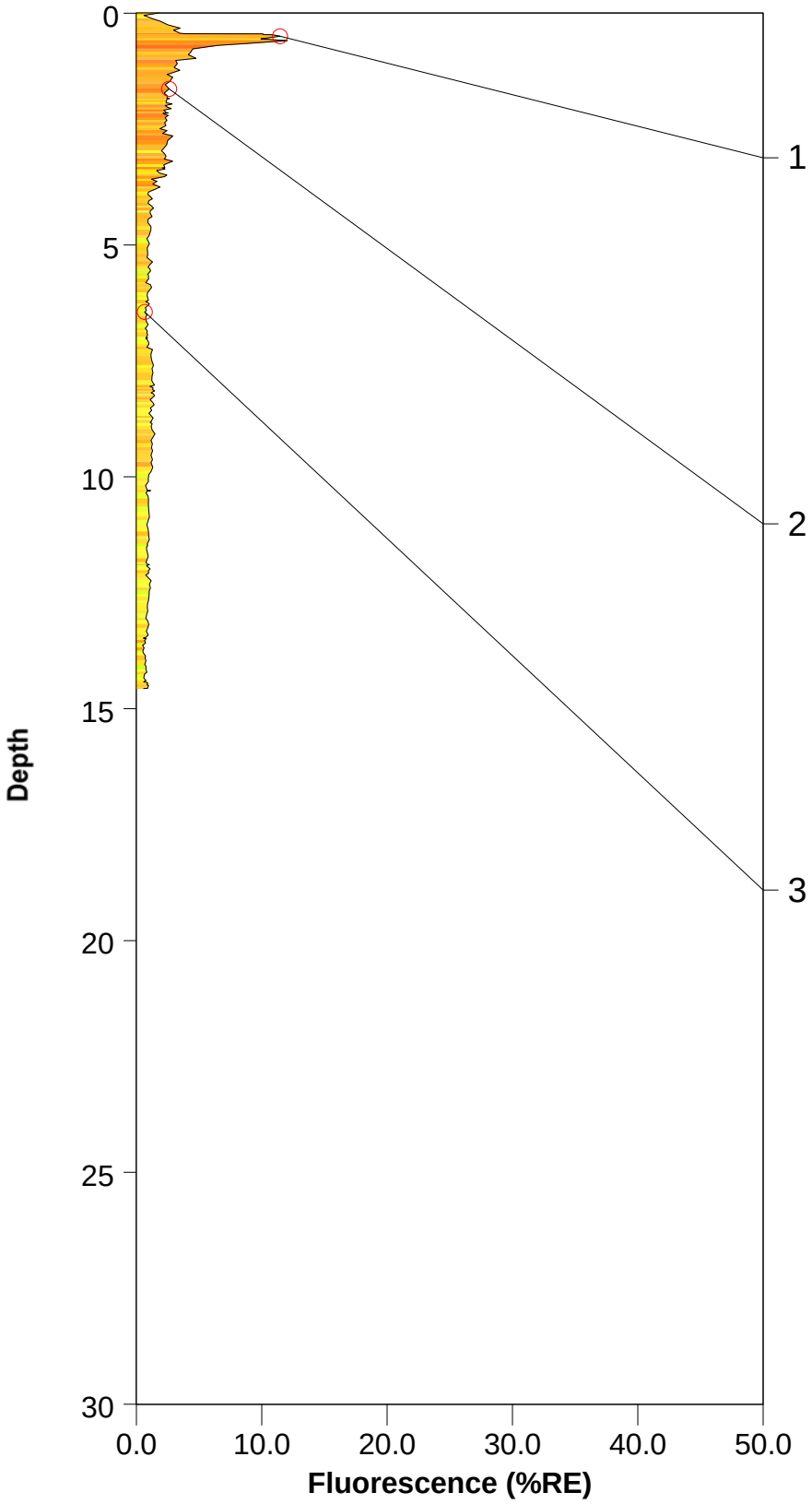
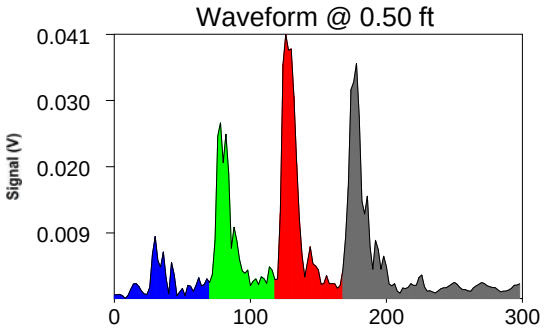
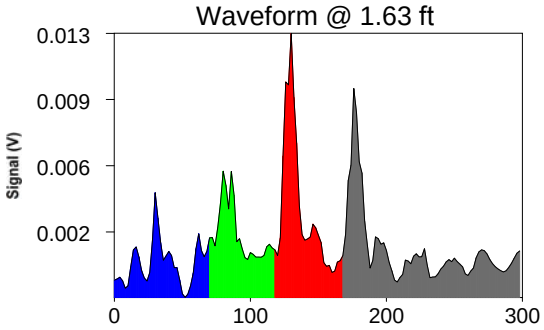
ROST Fluorescence Response Data

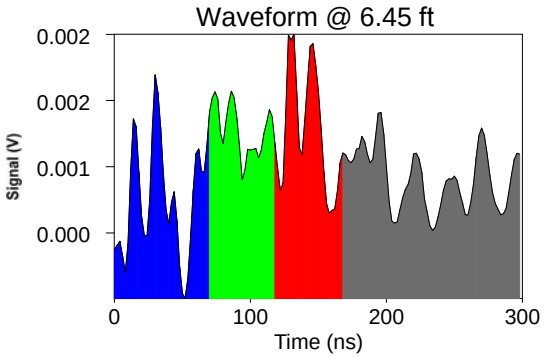
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/1/2015 @ 2:42:50 PM	Max fluorescence: 12.02% @ 0.59 ft
ROST Unit: ?	Final depth BGS: 14.57 ft

Lor-01





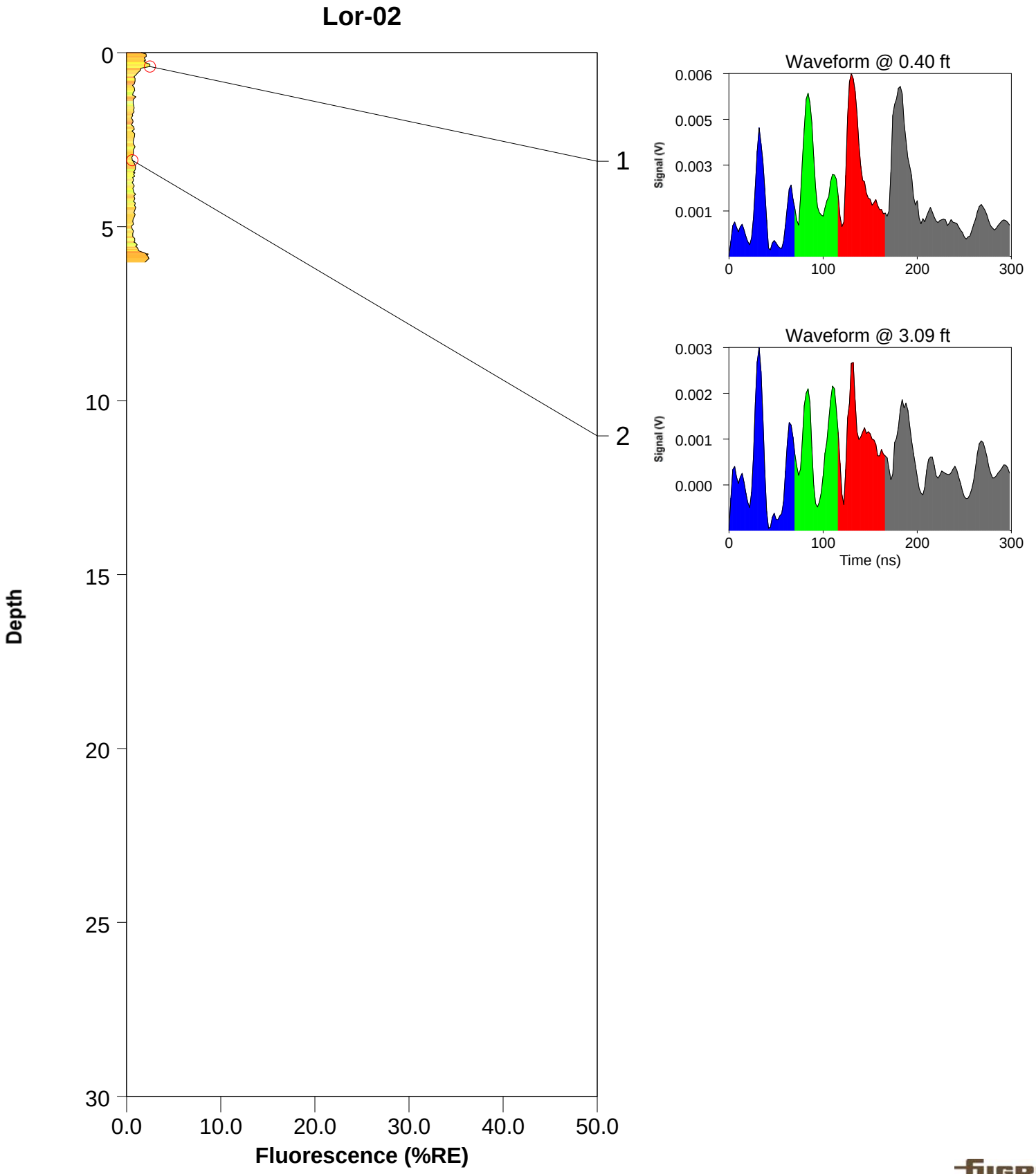




9754947

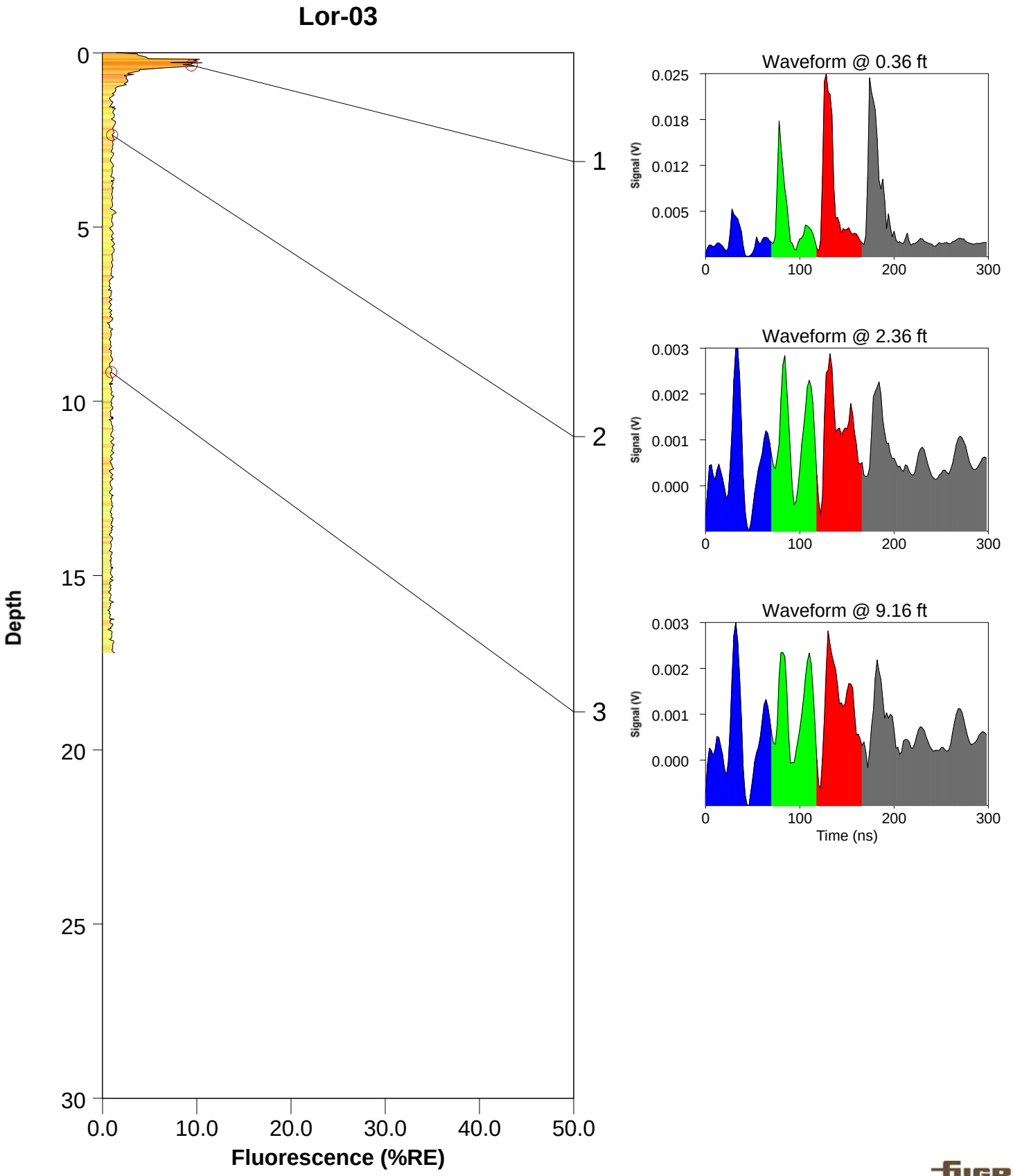
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/1/2015 @ 3:20:01 PM	Max fluorescence: 2.47% @ 0.33 ft
ROST Unit: ?	Final depth BGS: 6.02 ft



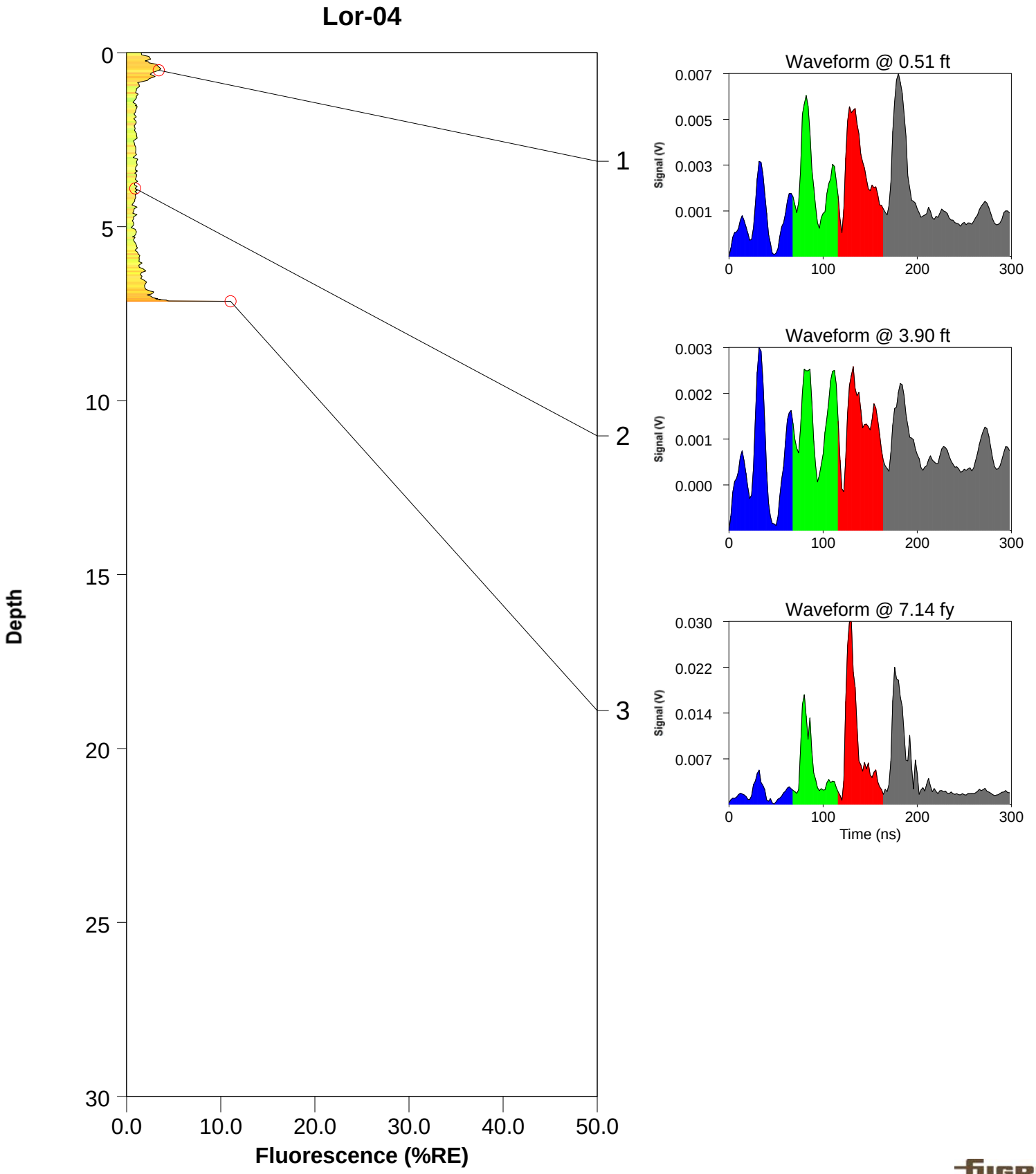
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/1/2015 @ 3:47:27 PM	Max fluorescence: 10.55% @ 0.29 ft
ROST Unit: ?	Final depth BGS: 17.22 ft



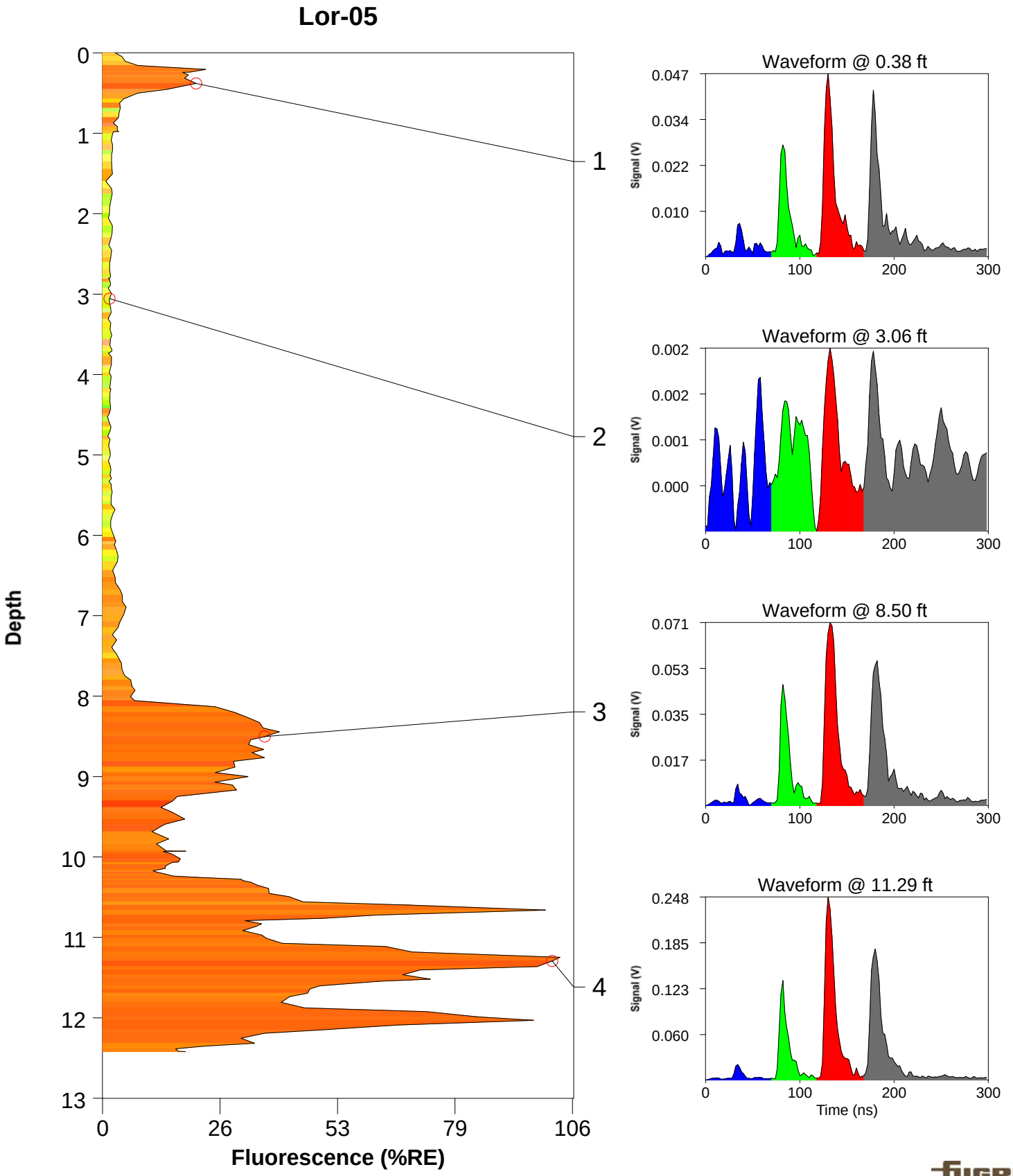
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/1/2015 @ 4:29:16 PM	Max fluorescence: 11.04% @ 7.14 ft
ROST Unit: ?	Final depth BGS: 7.14 ft



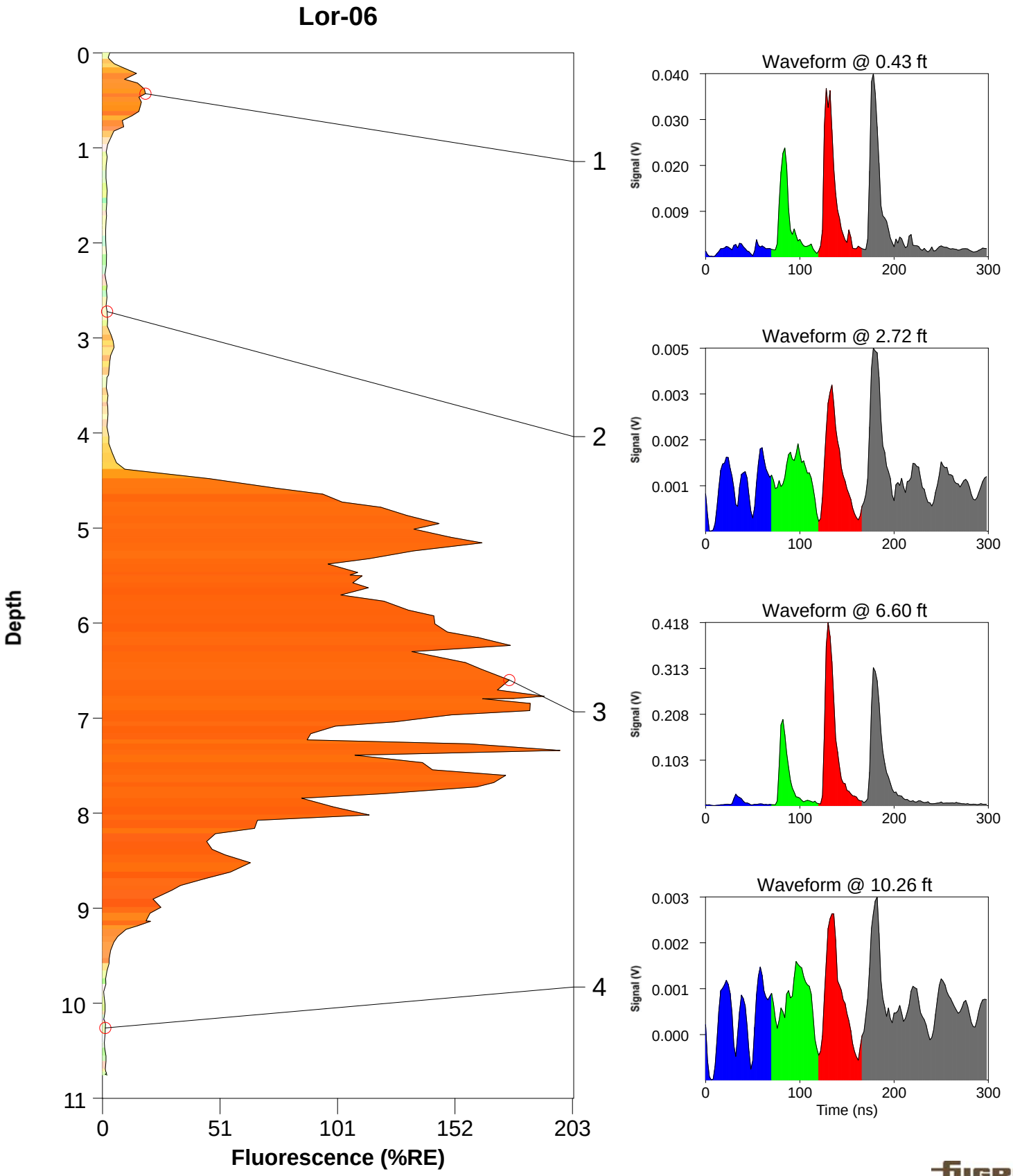
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/2/2015 @ 9:26:12 AM	Max fluorescence: 102.71% @ 11.25 ft
ROST Unit: ?	Final depth BGS: 12.42 ft



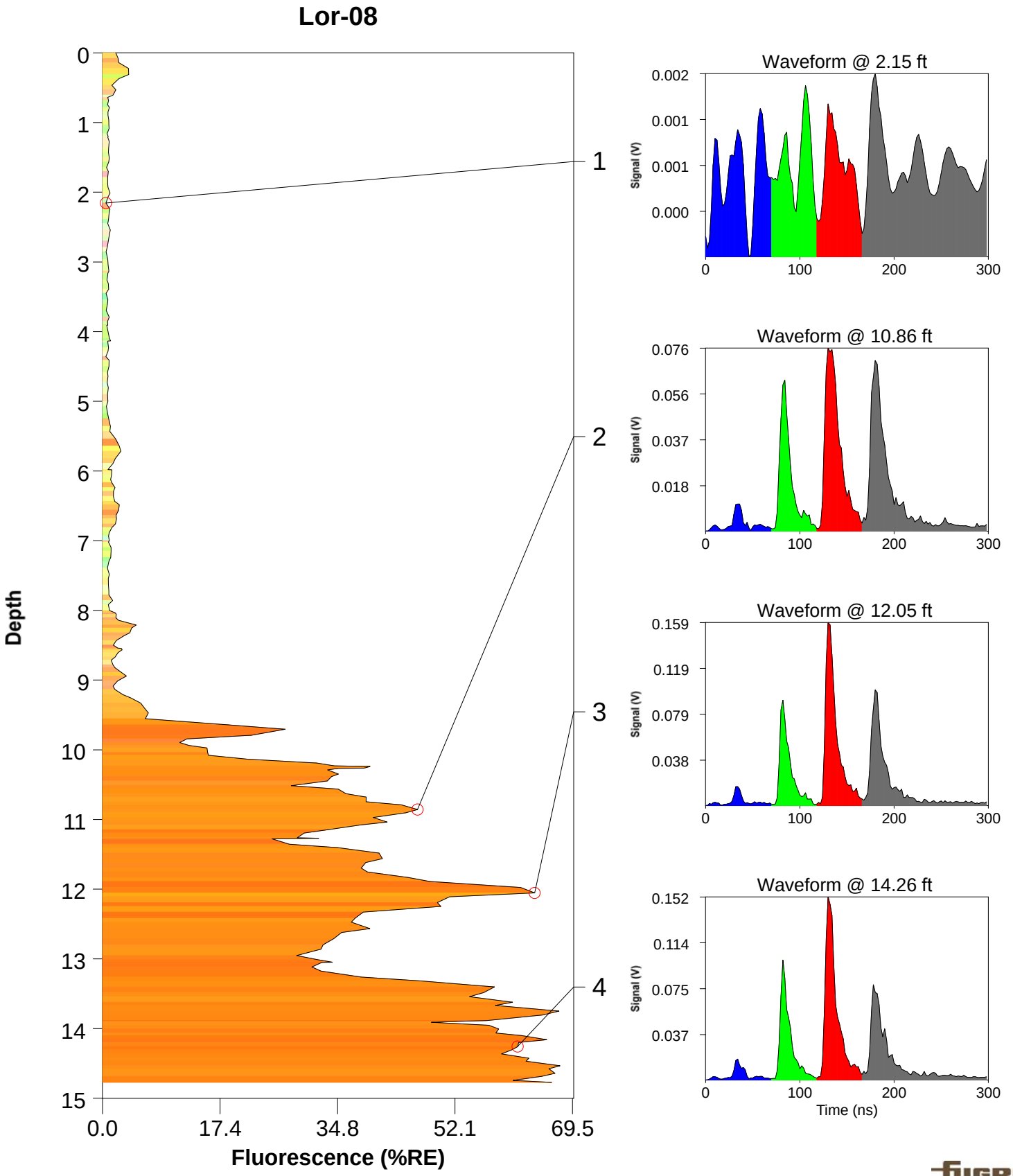
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/2/2015 @ 10:08:38 AM	Max fluorescence: 197.26% @ 7.34 ft
ROST Unit: ?	Final depth BGS: 10.76 ft



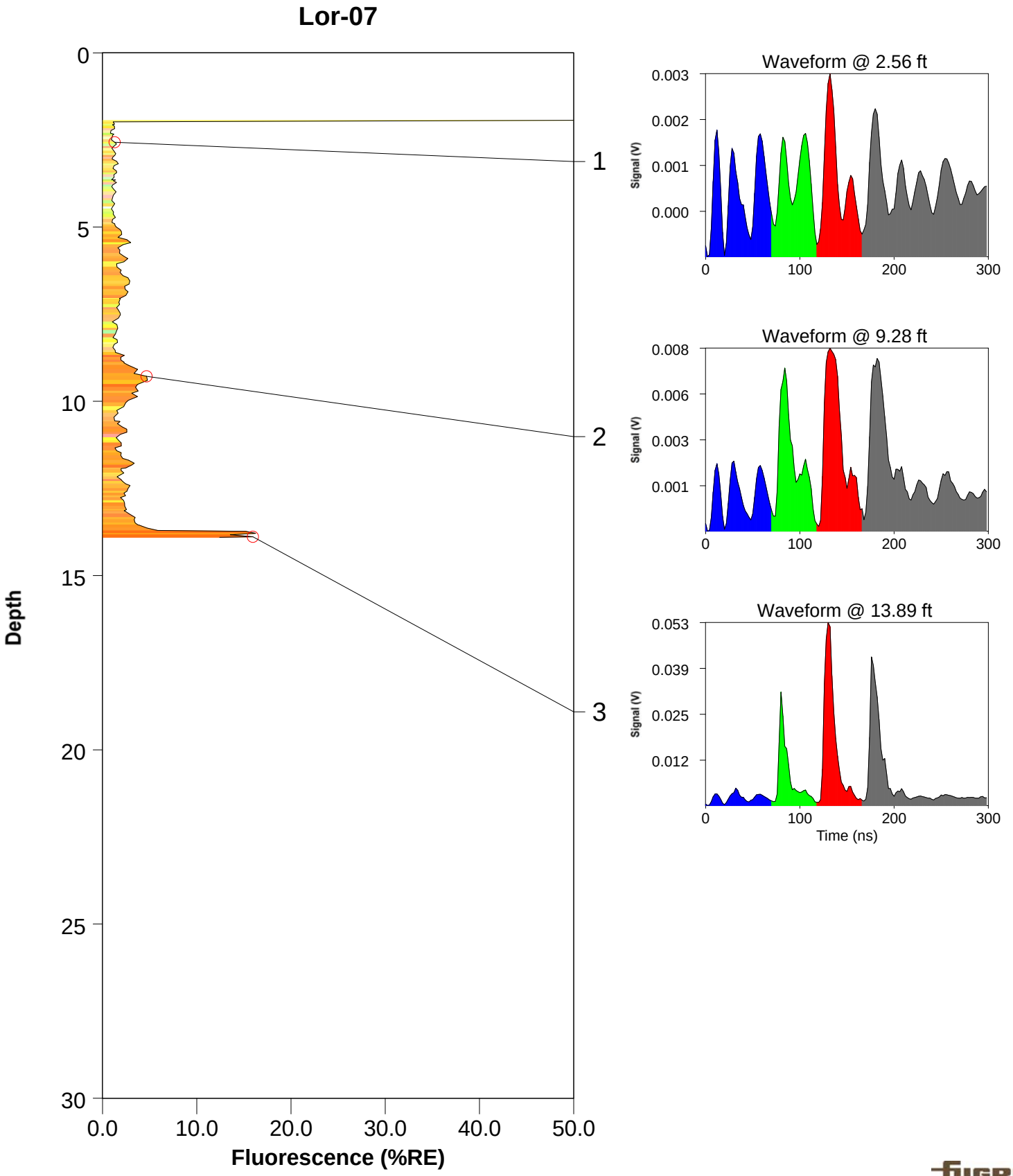
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/2/2015 @ 1:03:52 PM	Max fluorescence: 67.65% @ 14.53 ft
ROST Unit: ?	Final depth BGS: 14.77 ft



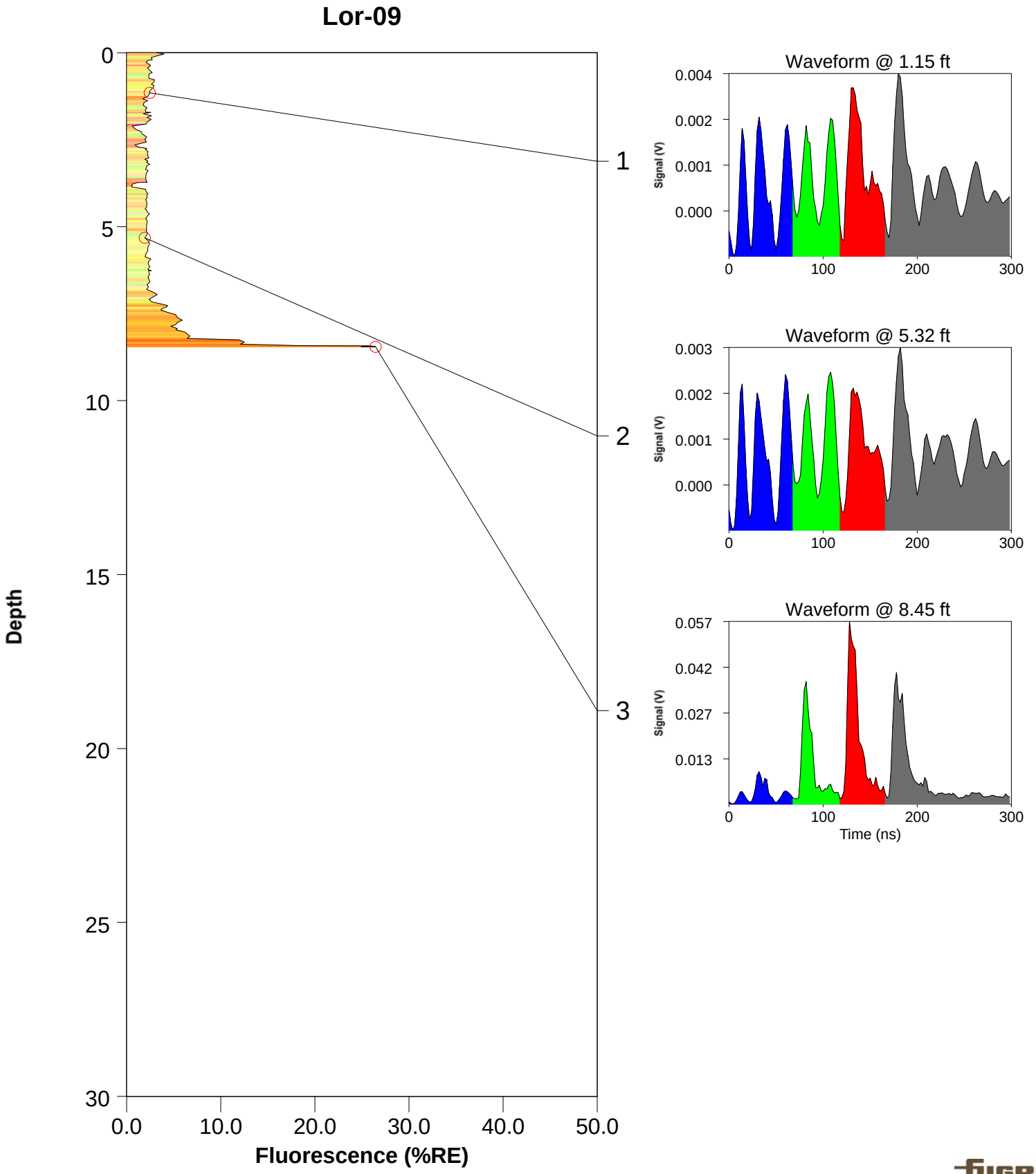
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/2/2015 @ 11:57:50 AM	Max fluorescence: 105.11% @ 1.94 ft
ROST Unit: ?	Final depth BGS: 13.90 ft



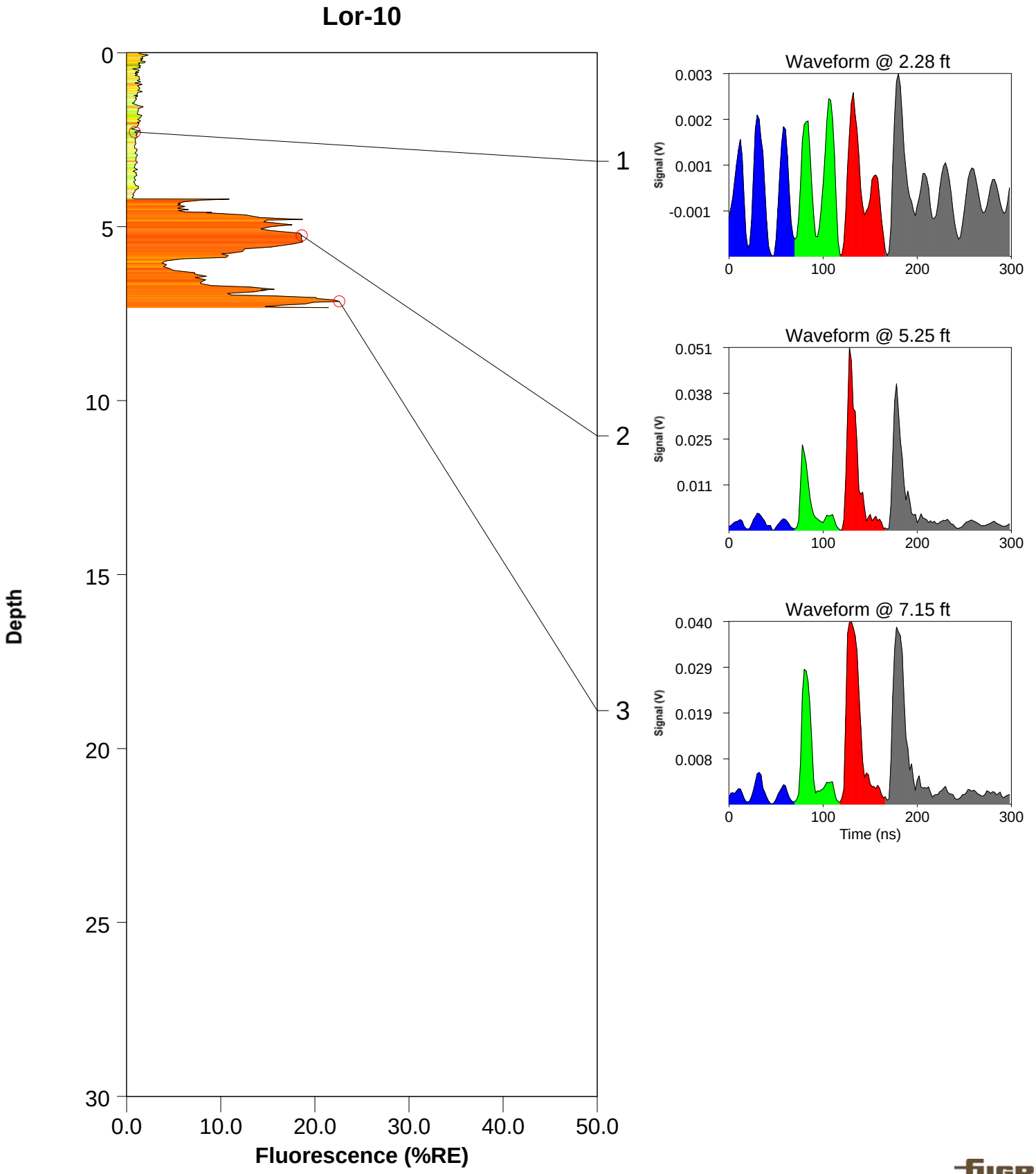
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/2/2015 @ 1:59:58 PM	Max fluorescence: 26.45% @ 8.45 ft
ROST Unit: ?	Final depth BGS: 8.45 ft



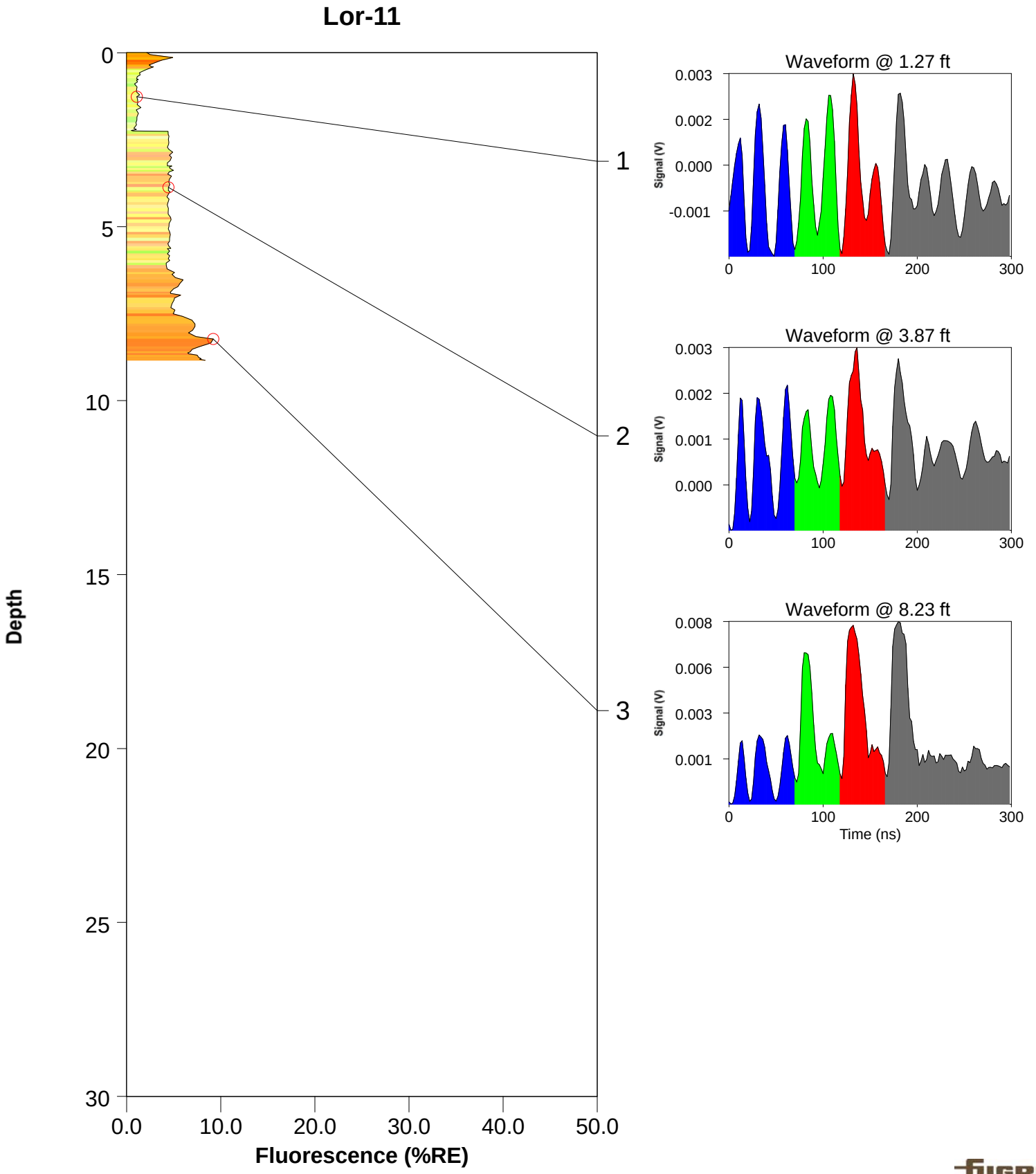
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/2/2015 @ 2:28:45 PM	Max fluorescence: 22.59% @ 7.15 ft
ROST Unit: ?	Final depth BGS: 7.33 ft



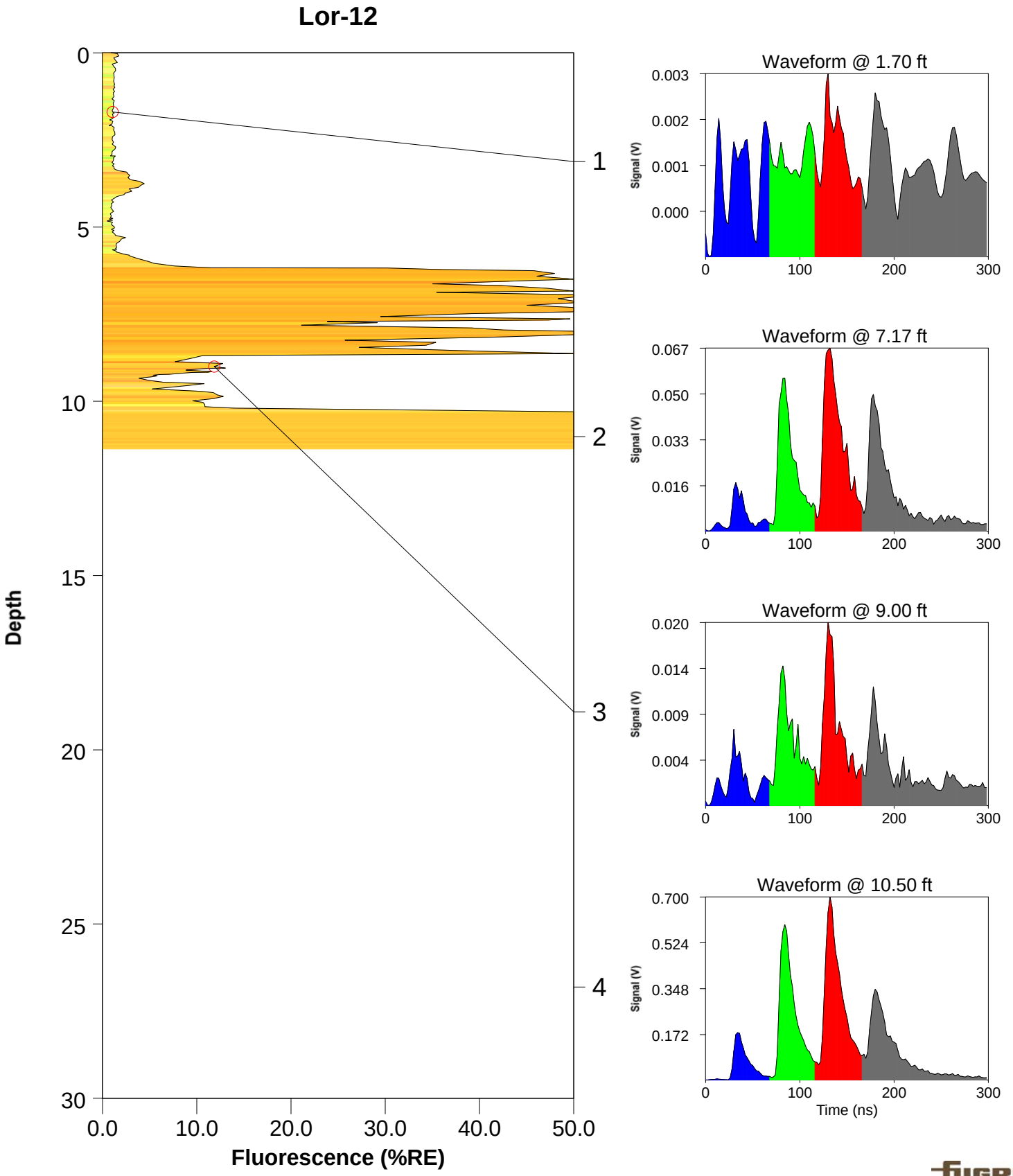
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/2/2015 @ 3:05:47 PM	Max fluorescence: 9.20% @ 8.23 ft
ROST Unit: ?	Final depth BGS: 8.84 ft



ROST Fluorescence Response Data

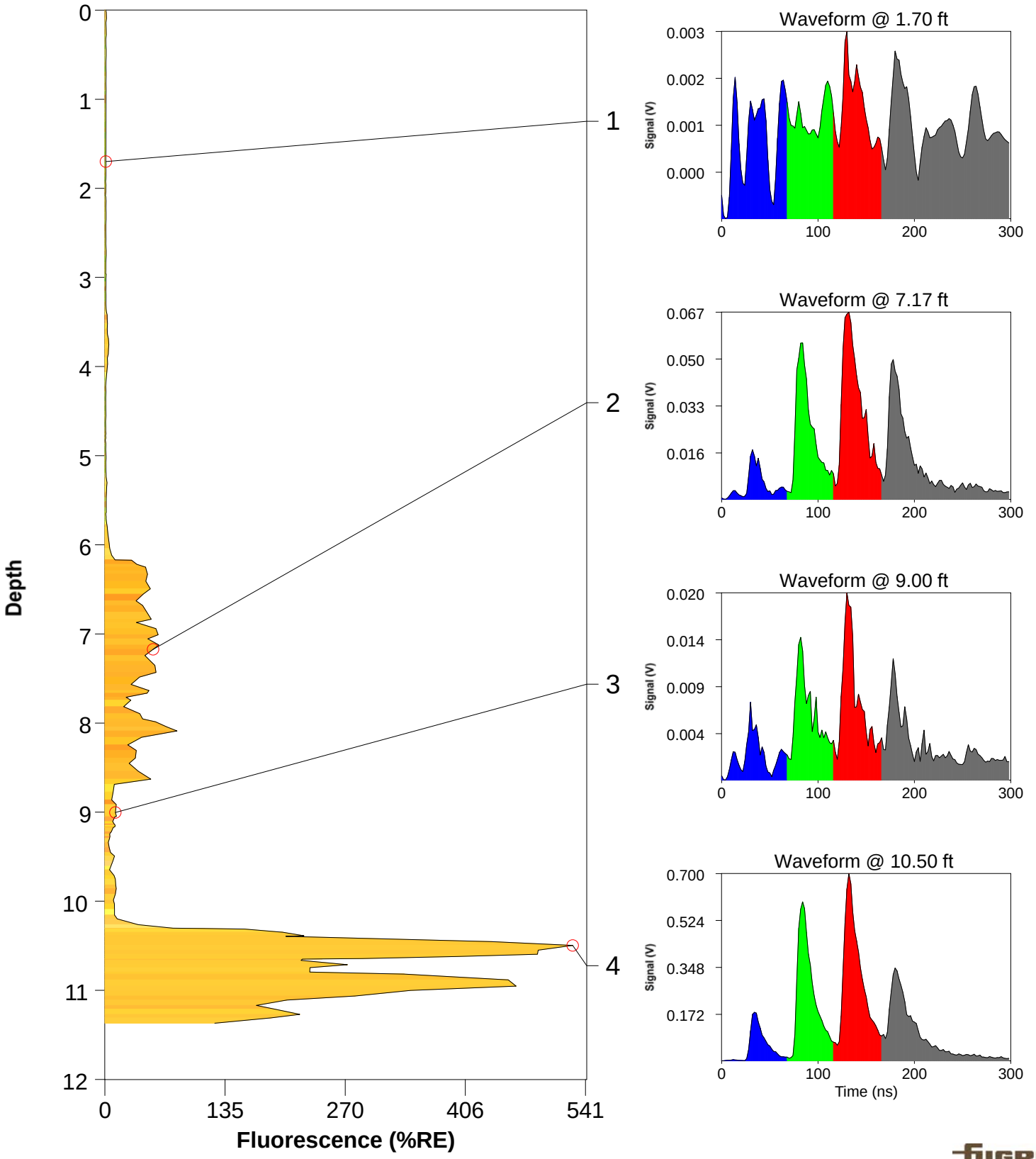
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/2/2015 @ 3:53:11 PM	Max fluorescence: 526.17% @ 10.50 ft
ROST Unit: ?	Final depth BGS: 11.37 ft



ROST Fluorescence Response Data

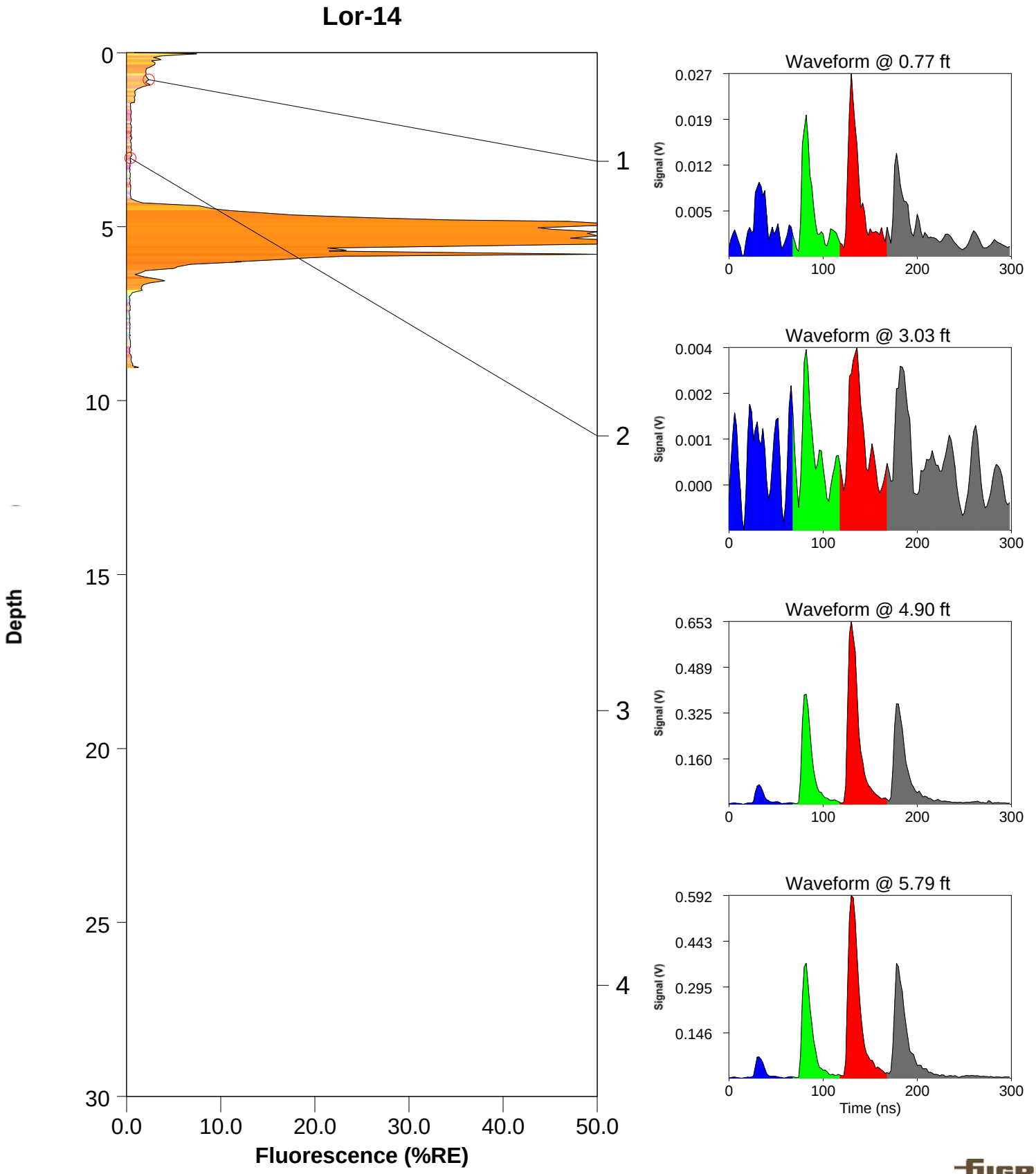
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/2/2015 @ 3:53:11 PM	Max fluorescence: 526.17% @ 10.50 ft
ROST Unit: ?	Final depth BGS: 11.37 ft

Lor-12



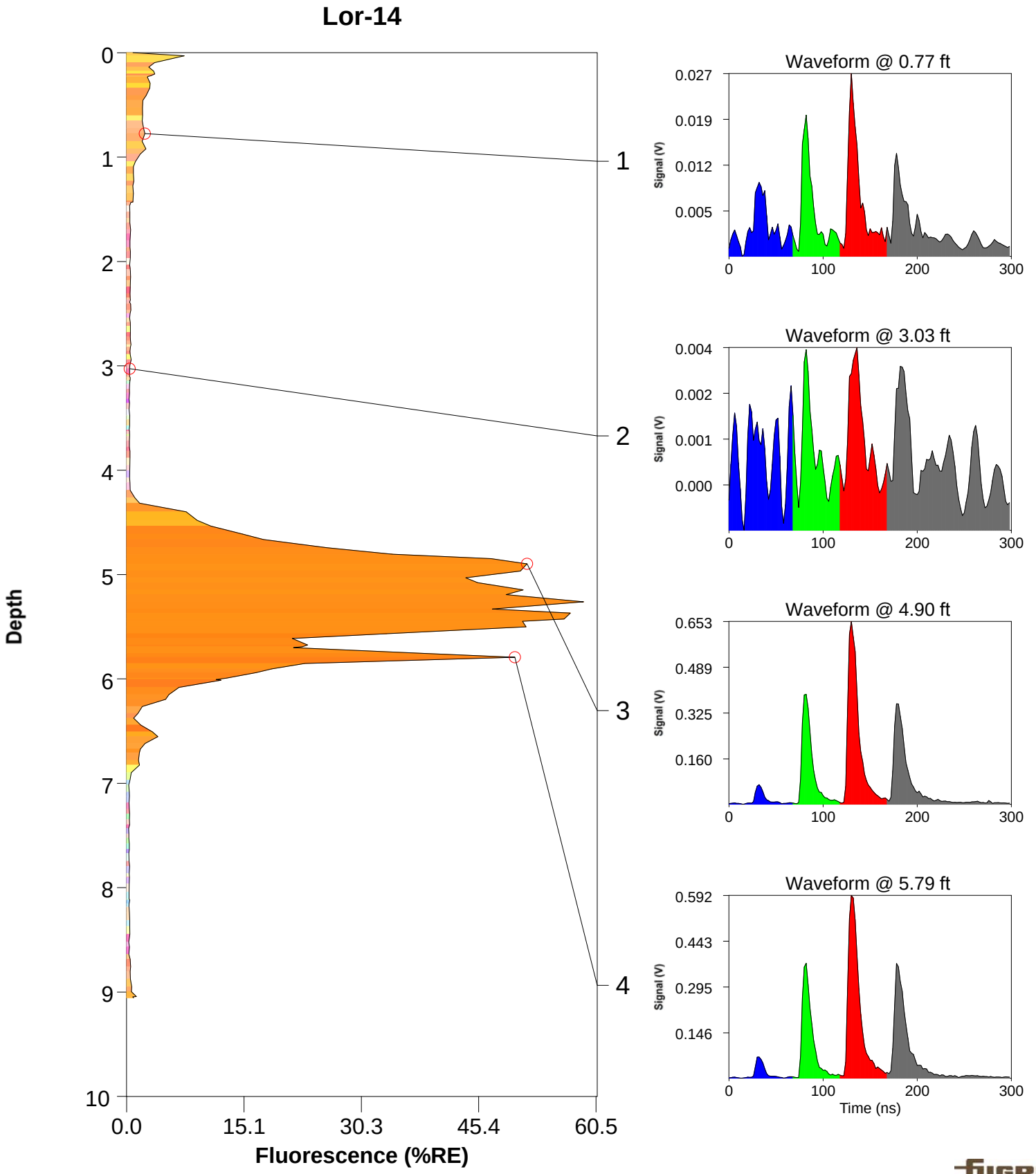
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/3/2015 @ 3:20:02 PM	Max fluorescence: 58.91% @ 5.26 ft
ROST Unit: ?	Final depth BGS: 9.06 ft



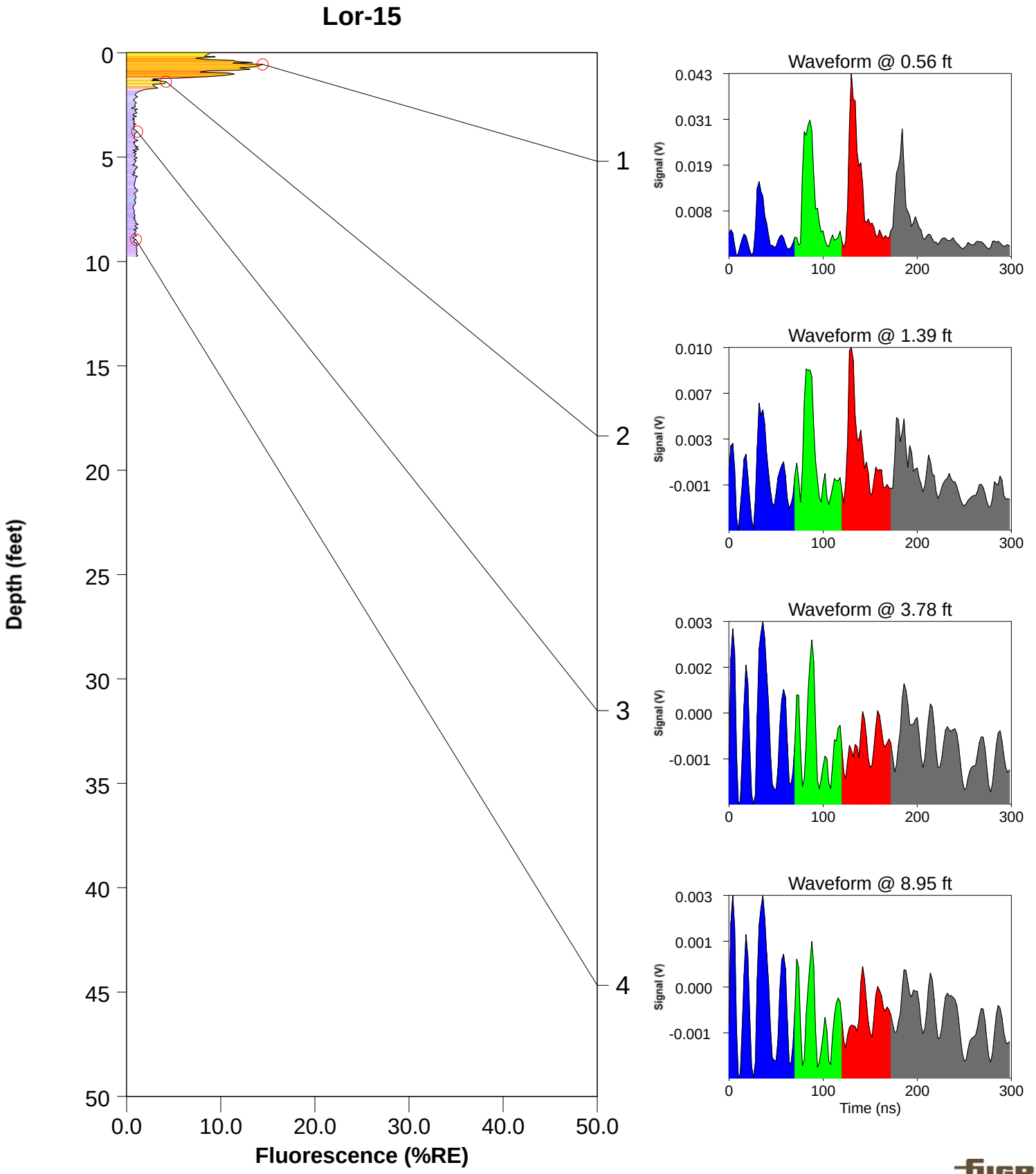
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/3/2015 @ 3:20:02 PM	Max fluorescence: 58.91% @ 5.26 ft
ROST Unit: ?	Final depth BGS: 9.06 ft



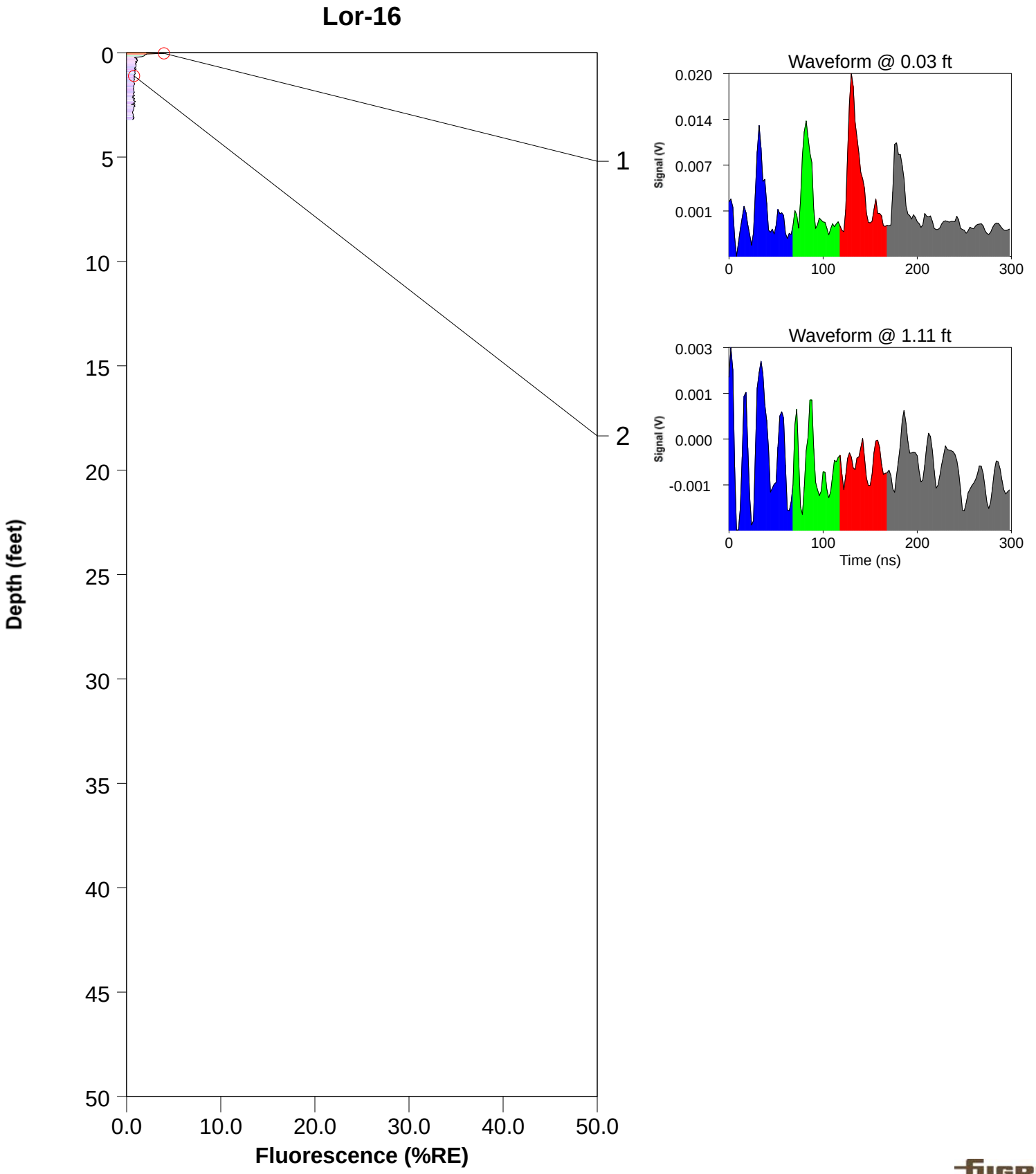
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 12:20:54 PM	Max fluorescence: 14.45% @ 0.56 ft
ROST Unit: 1	Final depth BGS: 9.75 ft



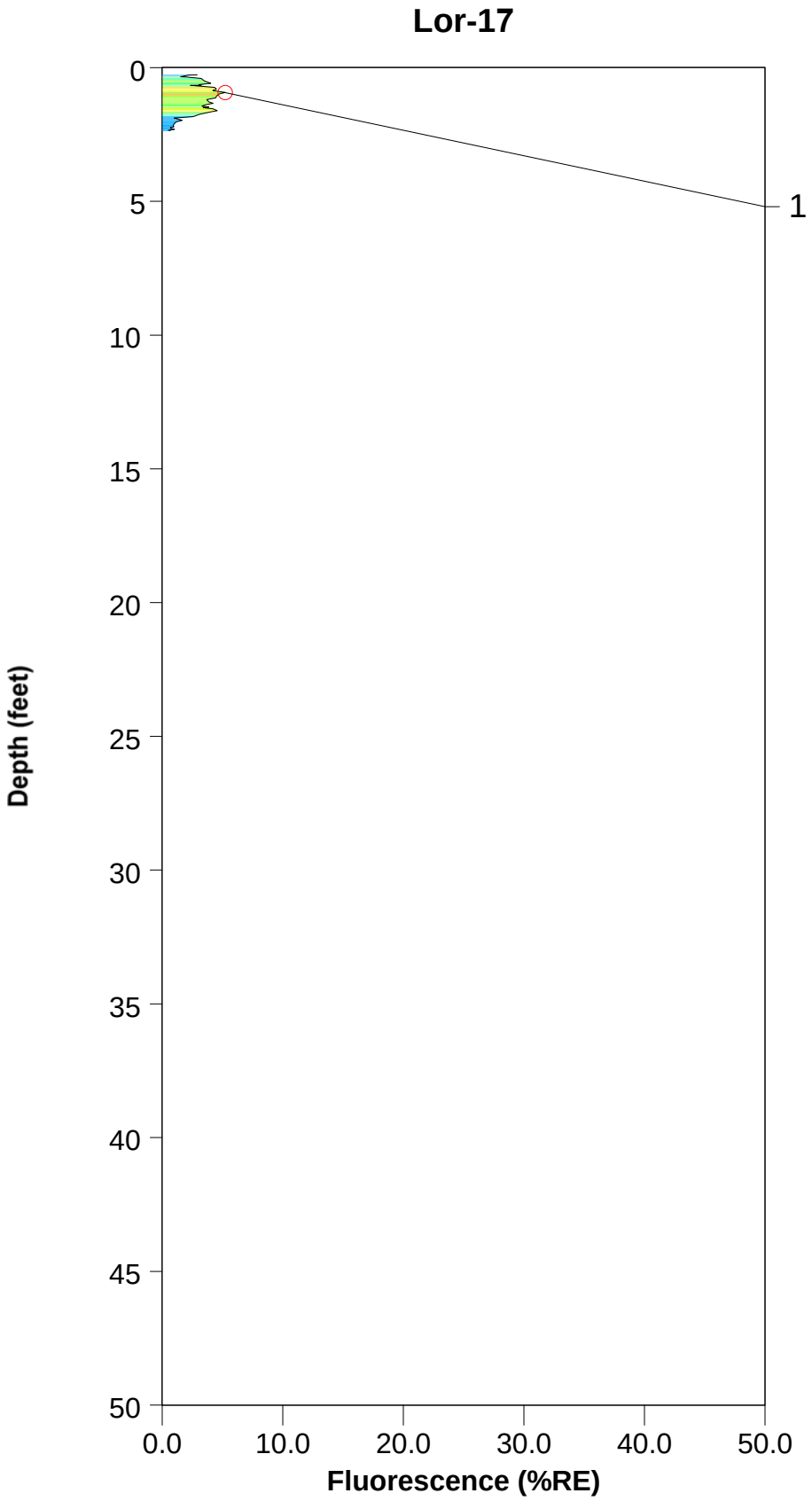
ROST Fluorescence Response Data

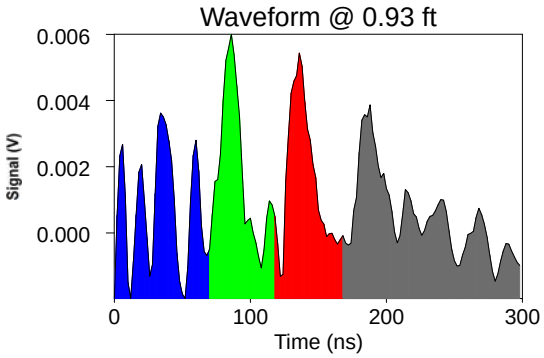
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 12:37:25 PM	Max fluorescence: 3.96% @ 0.03 ft
ROST Unit: 1	Final depth BGS: 3.20 ft



ROST Fluorescence Response Data

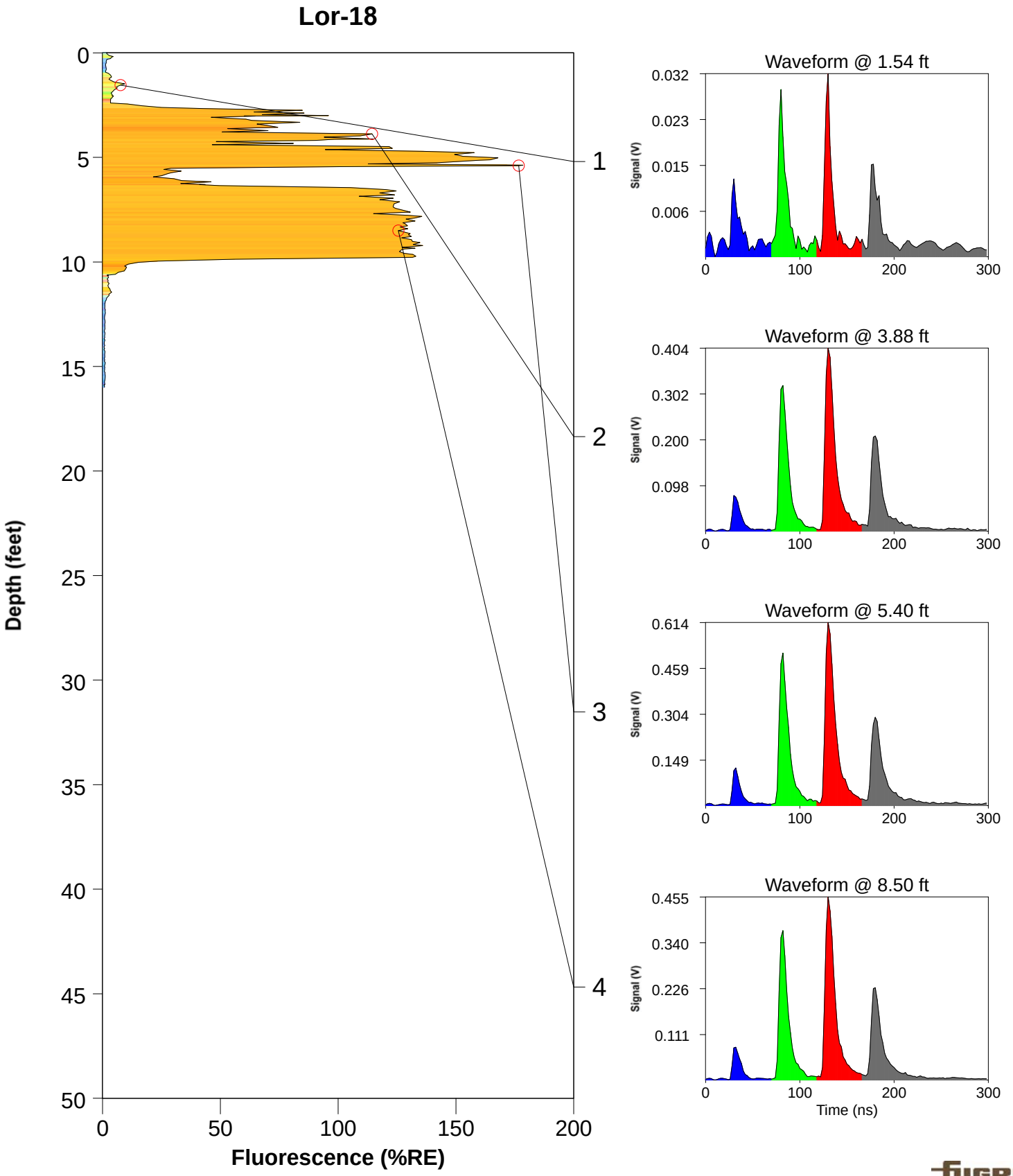
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 1:32:44 PM	Max fluorescence: 5.23% @ 0.93 ft
ROST Unit: 1	Final depth BGS: 2.35 ft





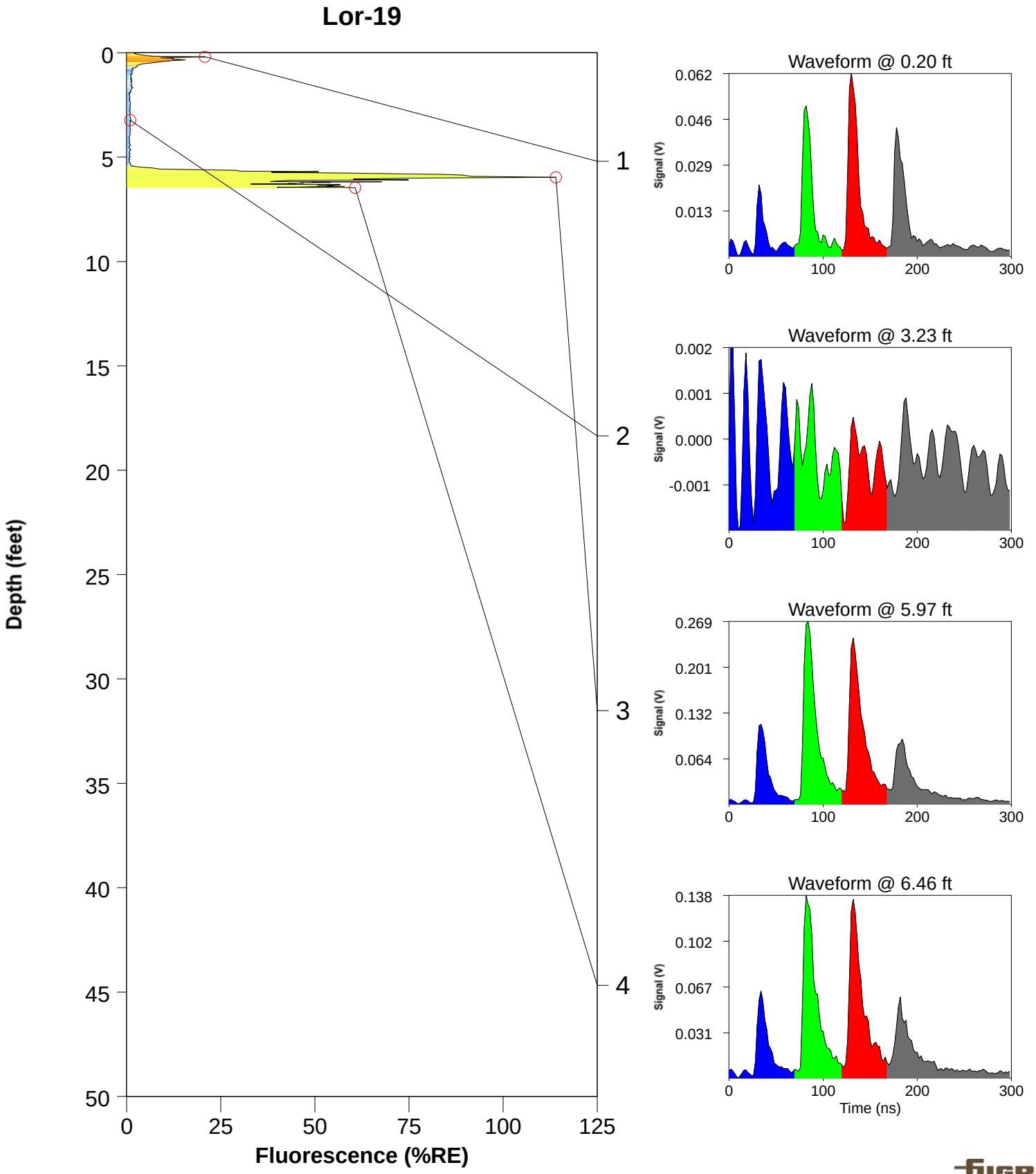
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 2:12:00 PM	Max fluorescence: 178.46% @ 5.37 ft
ROST Unit: 1	Final depth BGS: 16.00 ft



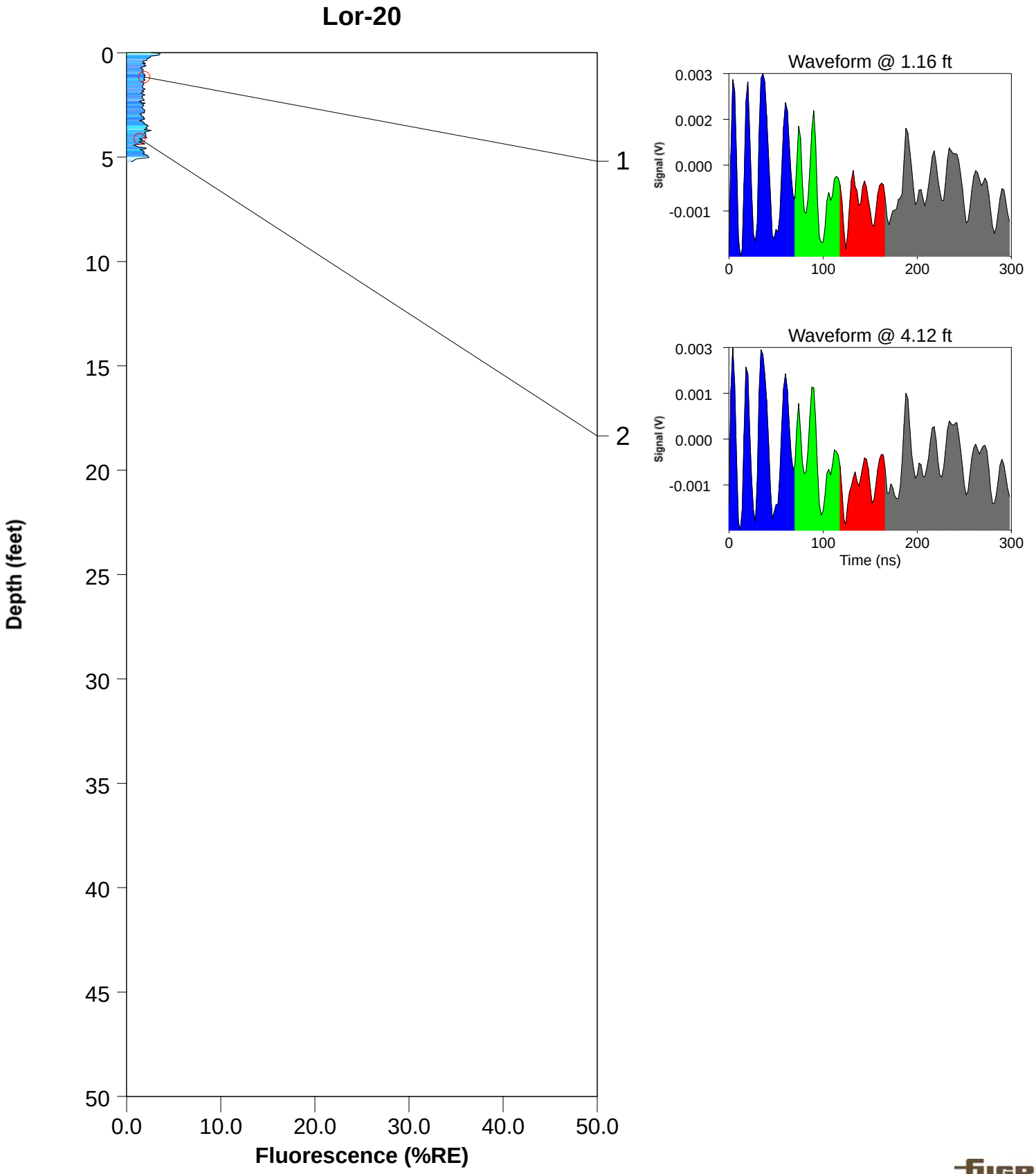
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 3:16:34 PM	Max fluorescence: 114.02% @ 5.97 ft
ROST Unit: 1	Final depth BGS: 6.46 ft



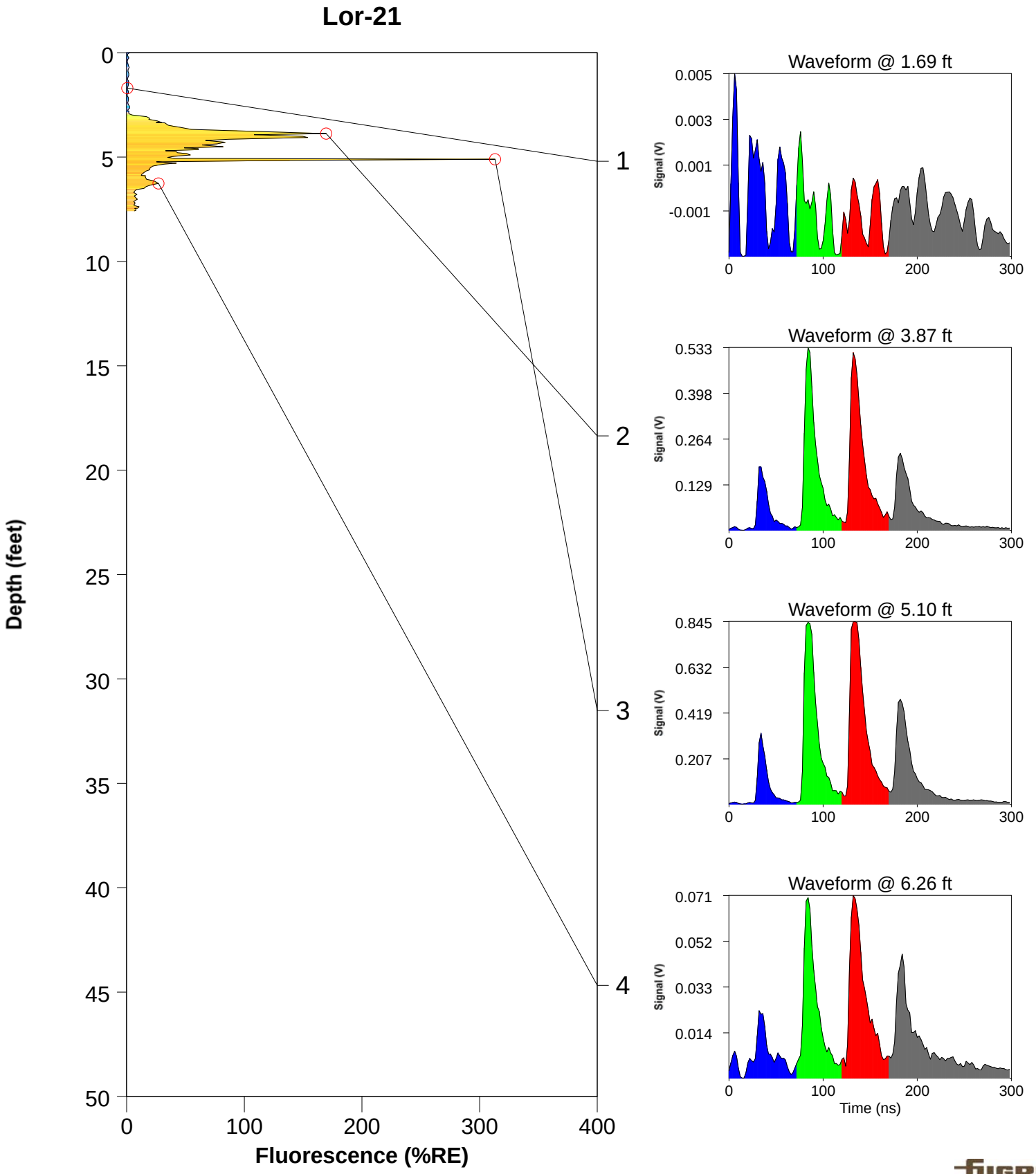
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 3:41:09 PM	Max fluorescence: 3.55% @ 0.04 ft
ROST Unit: 1	Final depth BGS: 5.22 ft



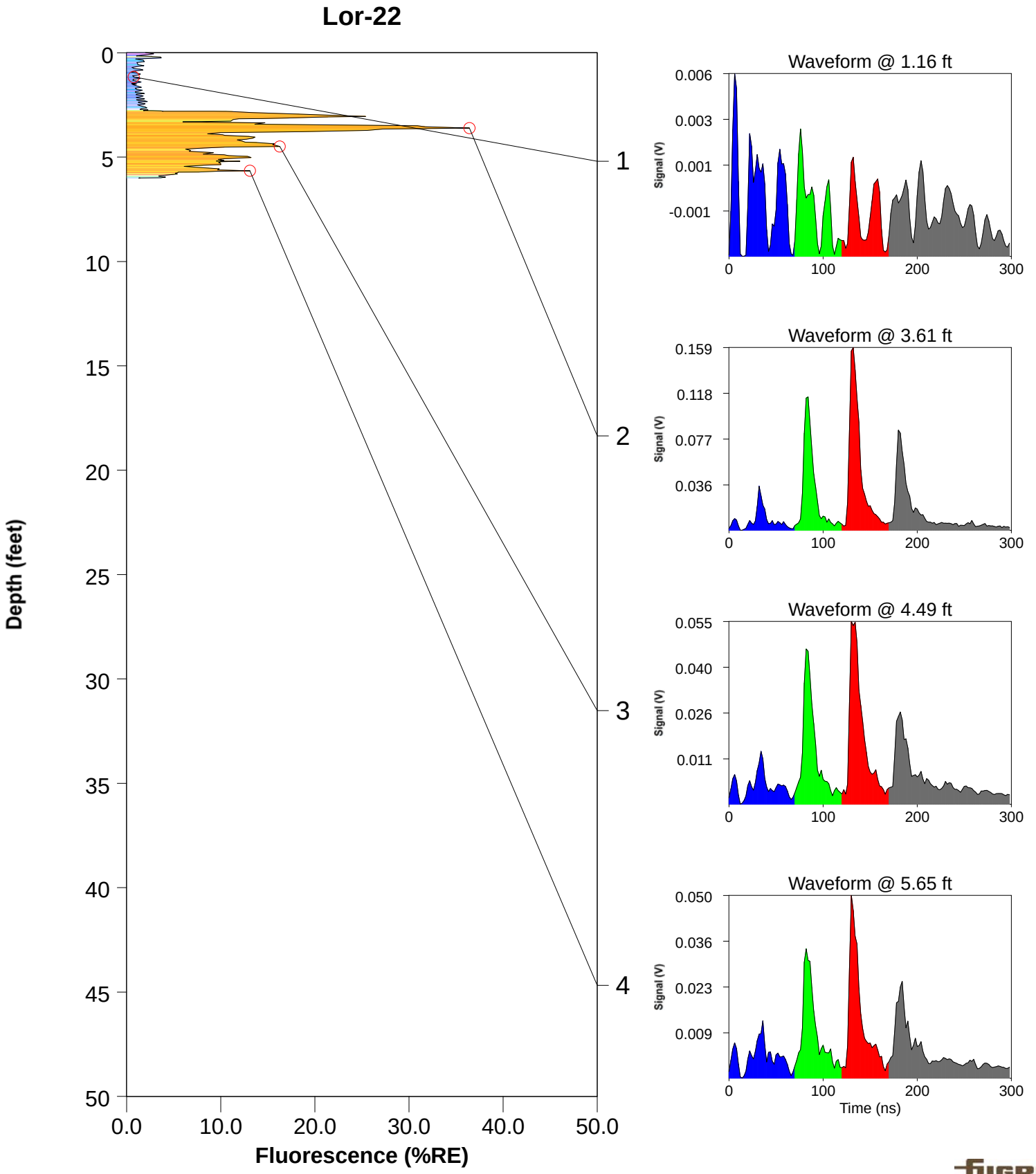
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 8:05:48 AM	Max fluorescence: 313.16% @ 5.10 ft
ROST Unit: 1	Final depth BGS: 7.57 ft



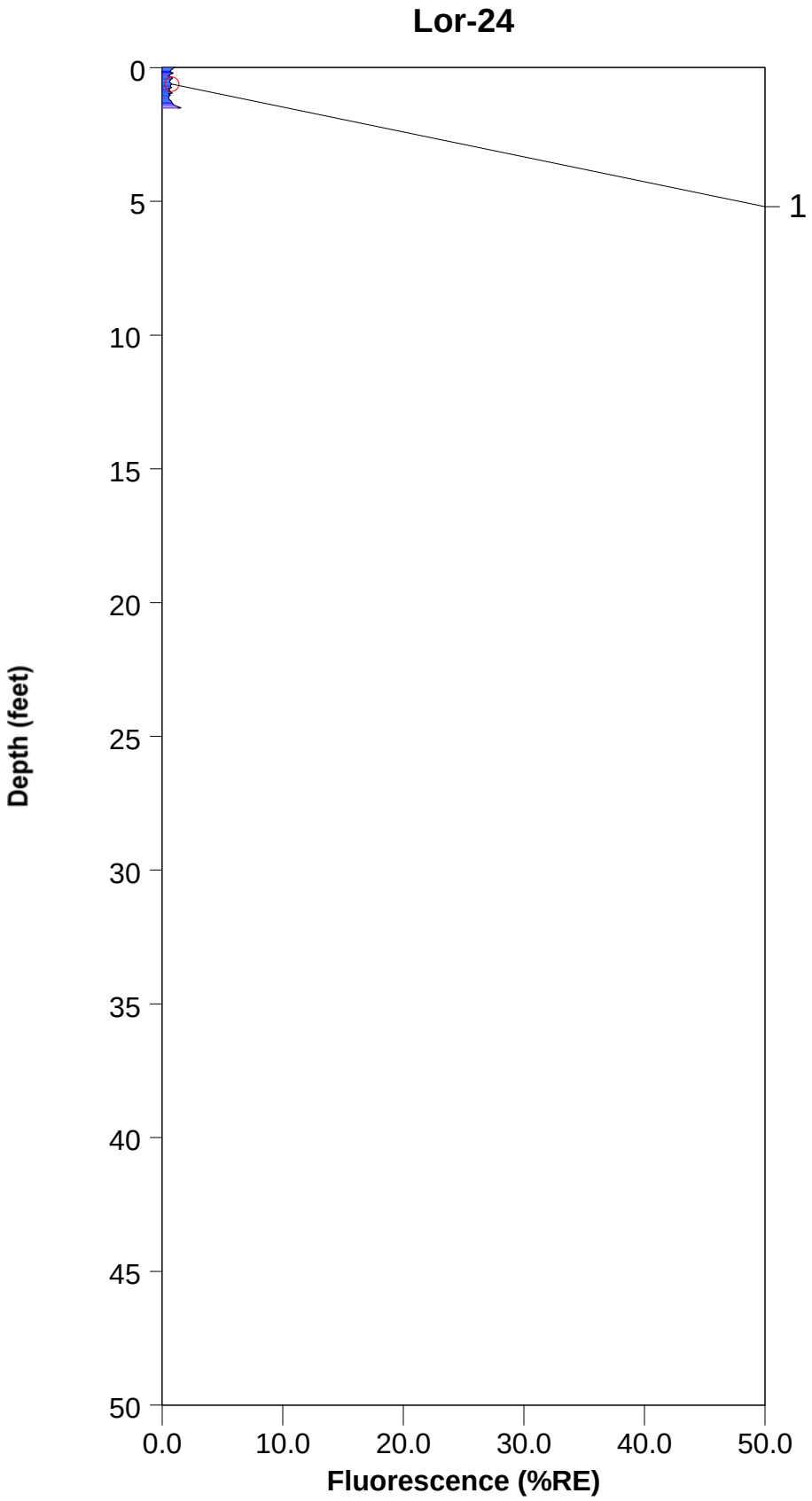
ROST Fluorescence Response Data

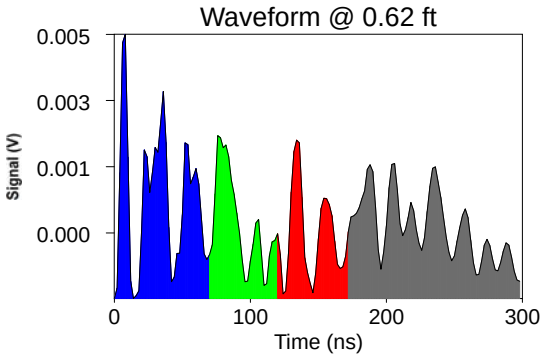
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 8:39:38 AM	Max fluorescence: 36.42% @ 3.61 ft
ROST Unit: 1	Final depth BGS: 6.00 ft



ROST Fluorescence Response Data

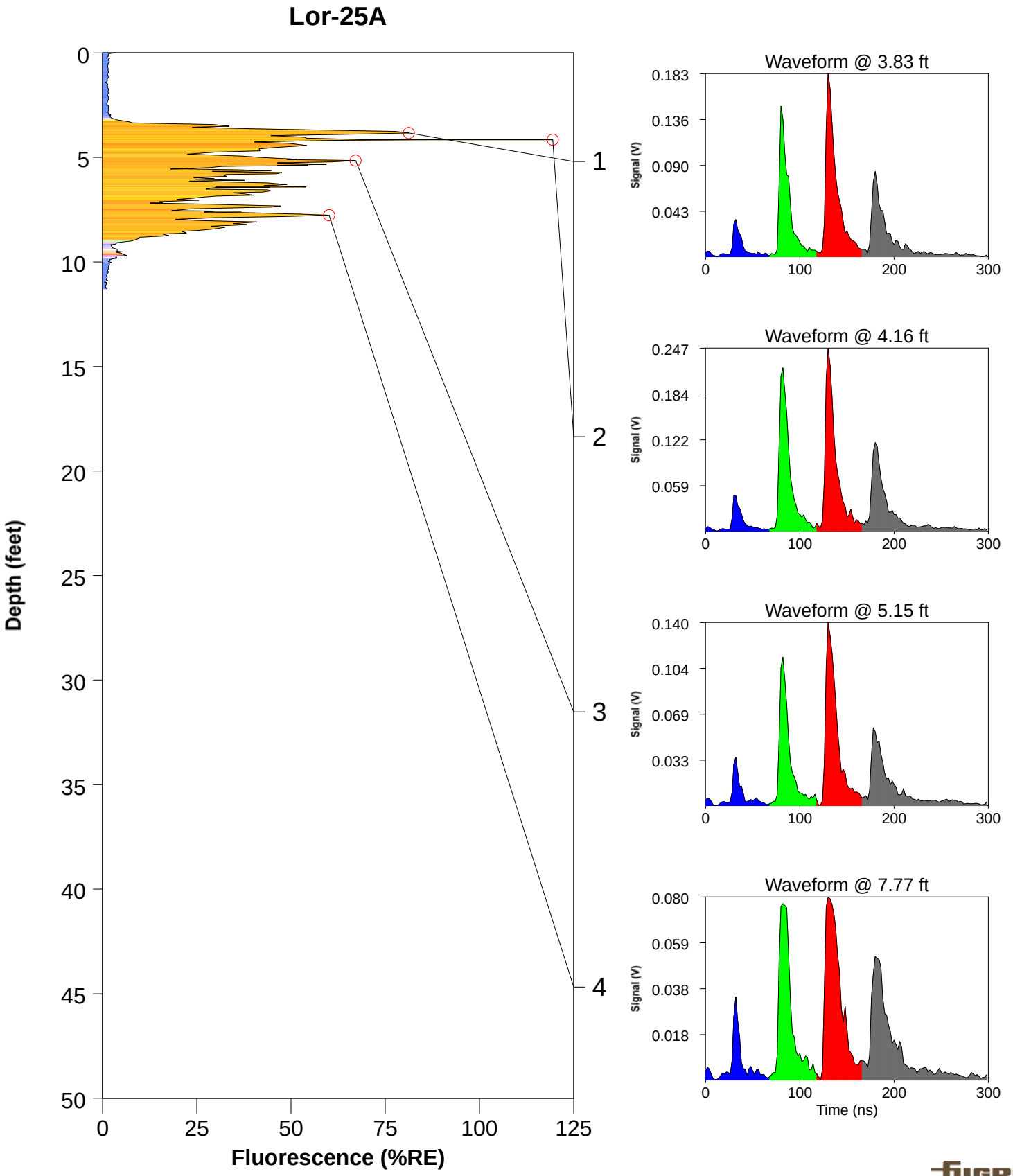
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 9:43:28 AM	Max fluorescence: 1.55% @ 1.50 ft
ROST Unit: 1	Final depth BGS: 1.52 ft





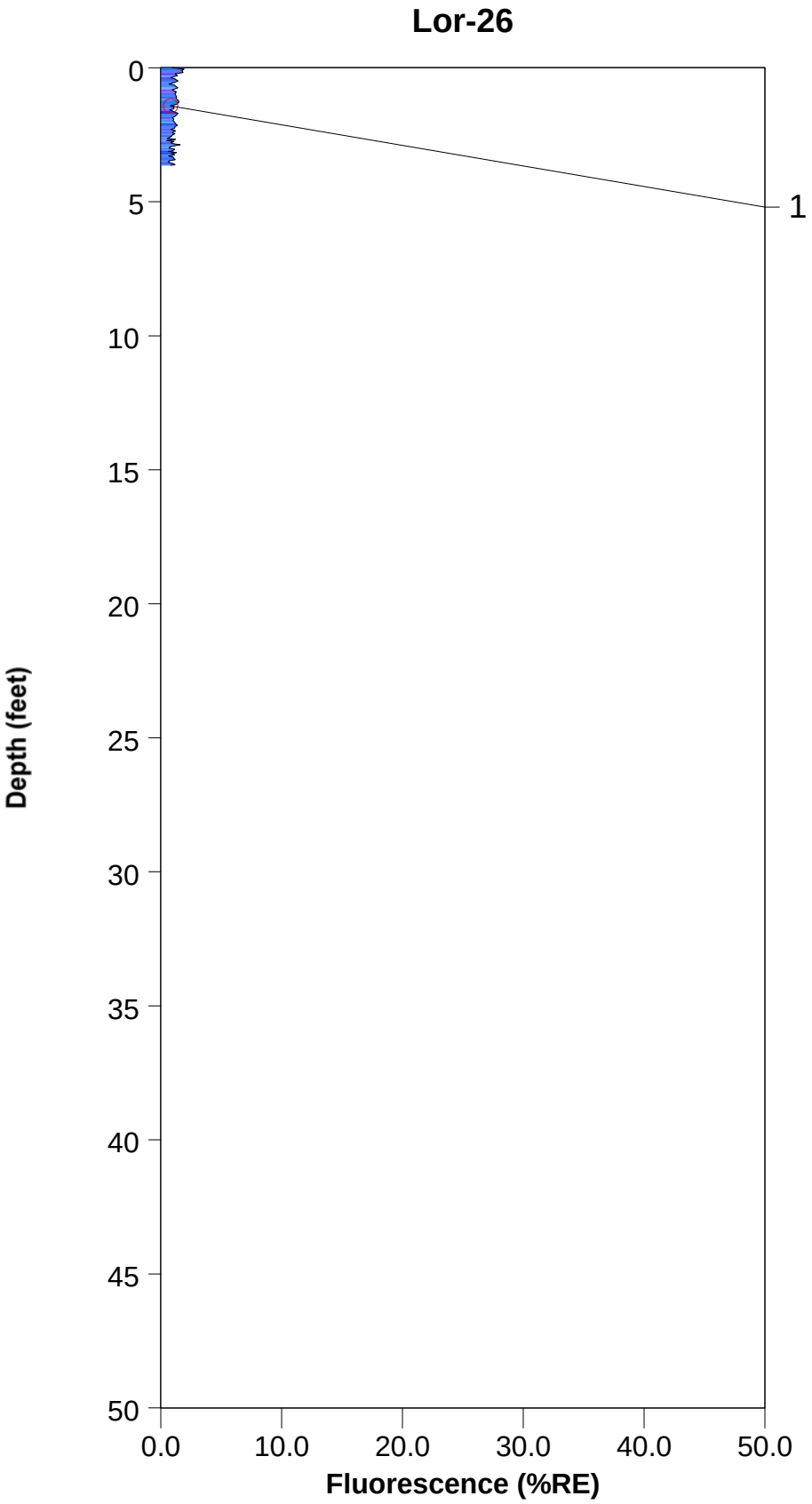
ROST Fluorescence Response Data

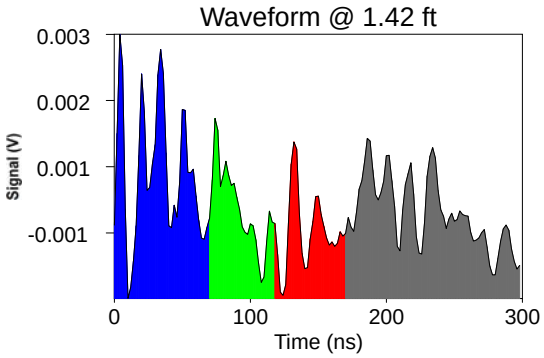
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 12:57:33 PM	Max fluorescence: 119.43% @ 4.16 ft
ROST Unit: 1	Final depth BGS: 11.29 ft



ROST Fluorescence Response Data

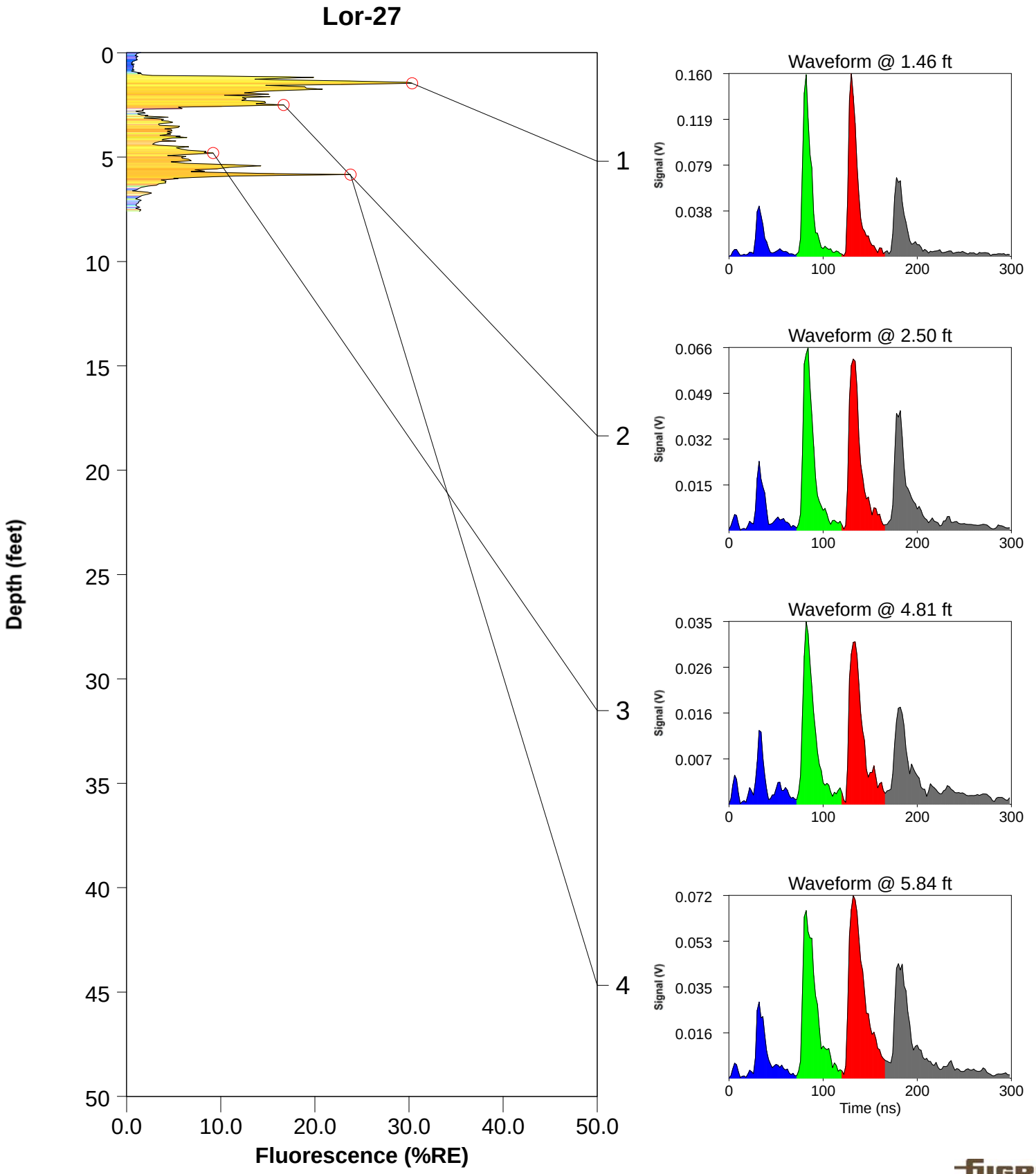
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 10:17:00 AM	Max fluorescence: 1.92% @ 0.06 ft
ROST Unit: 1	Final depth BGS: 3.63 ft





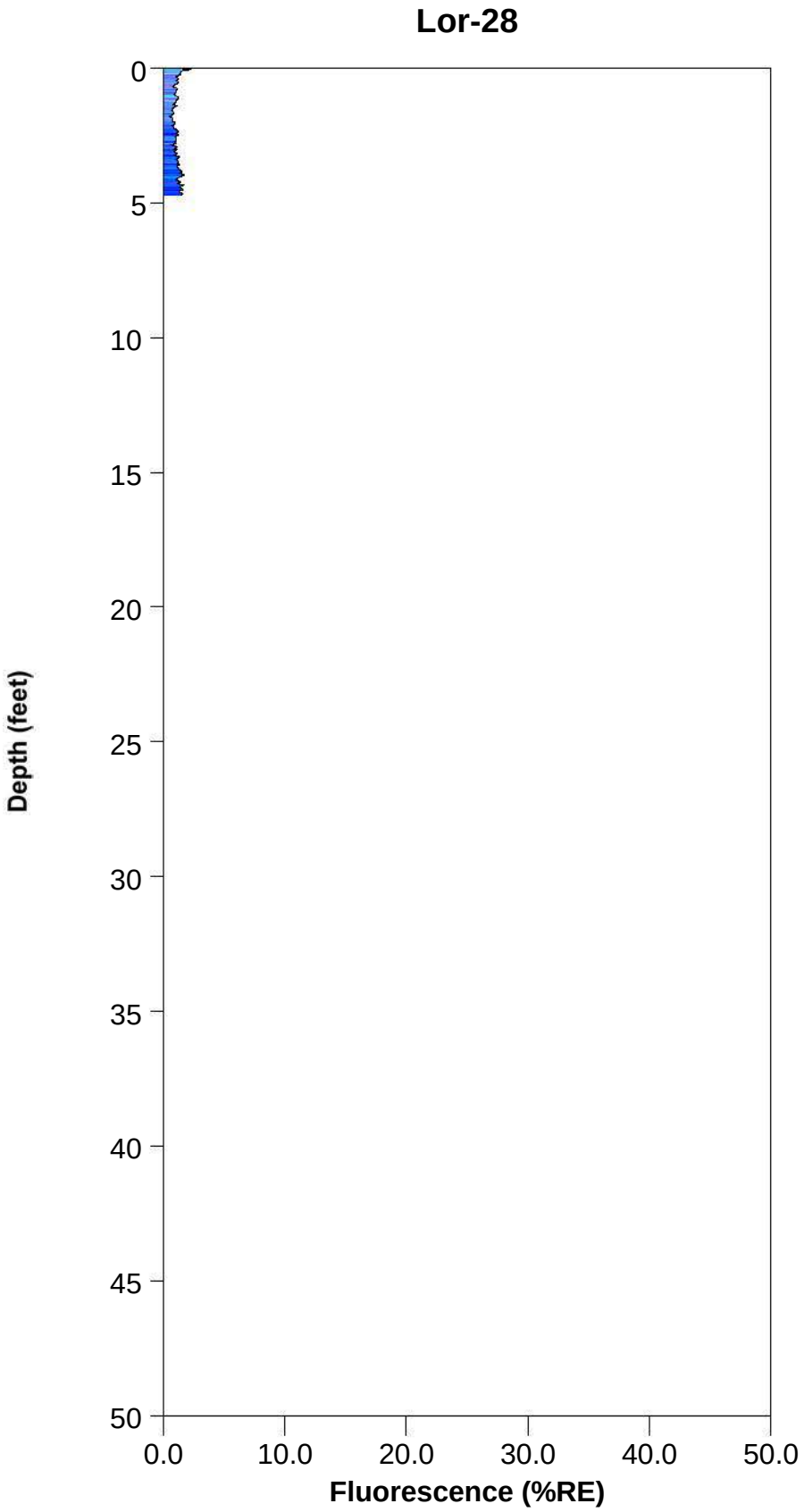
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 10:34:41 AM	Max fluorescence: 30.33% @ 1.46 ft
ROST Unit: 1	Final depth BGS: 7.59 ft



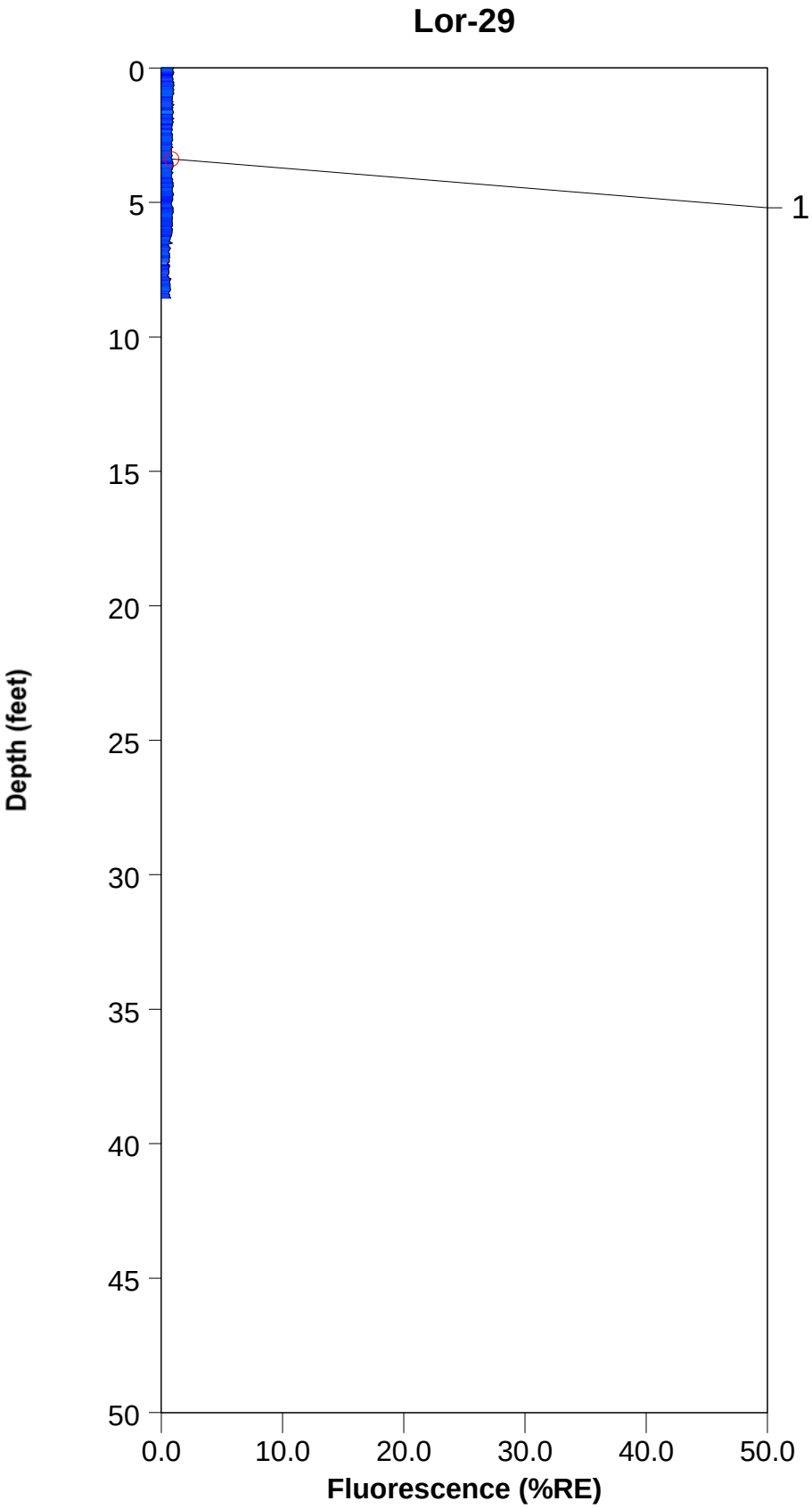
ROST Fluorescence Response Data

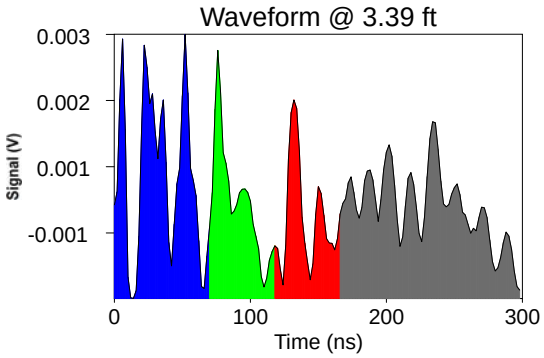
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 11:03:27 AM	Max fluorescence: 2.27% @ 0.05 ft
ROST Unit: 1	Final depth BGS: 4.70 ft



ROST Fluorescence Response Data

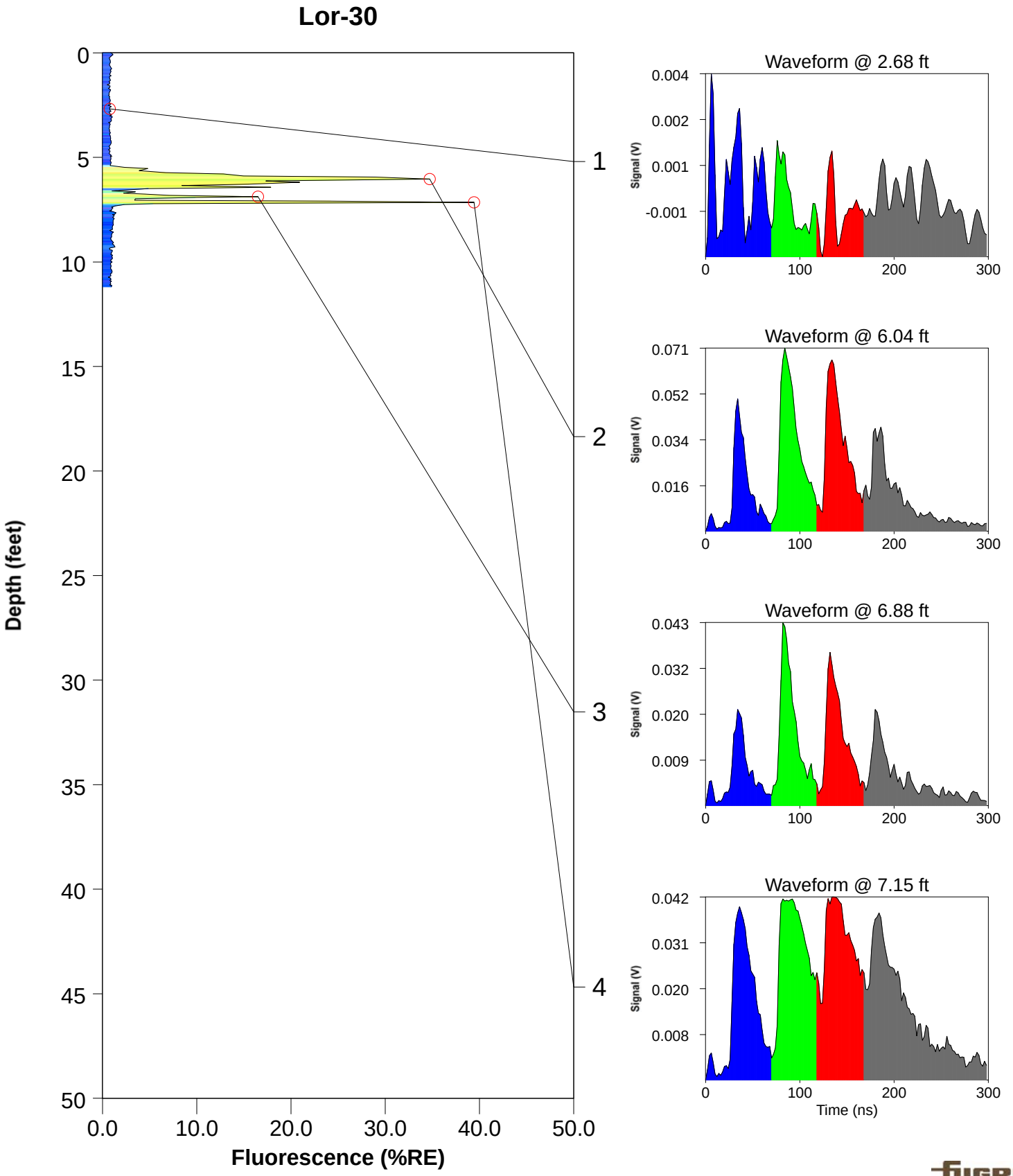
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 11:22:36 AM	Max fluorescence: 1.04% @ 0.00 ft
ROST Unit: 1	Final depth BGS: 8.56 ft





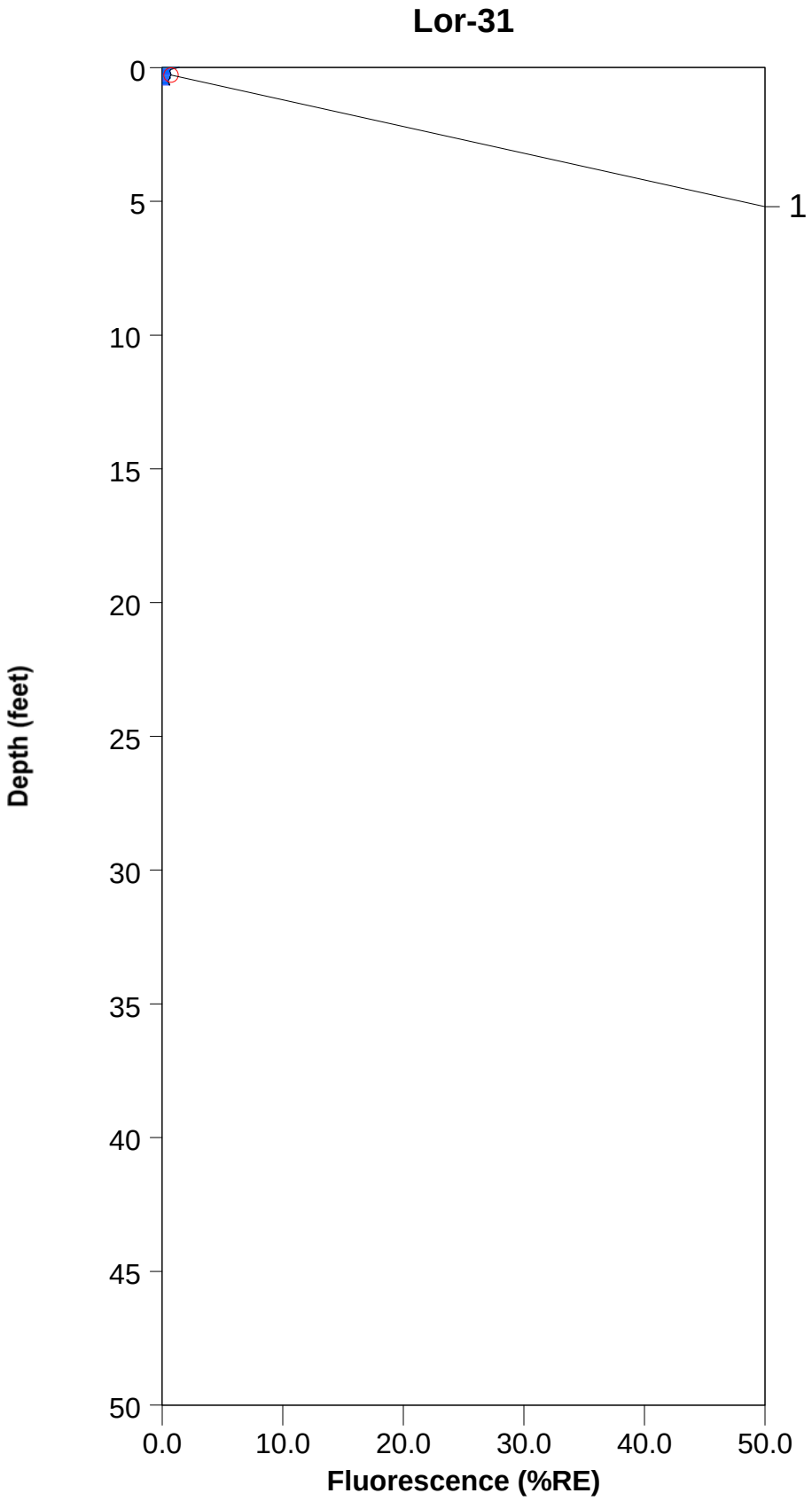
ROST Fluorescence Response Data

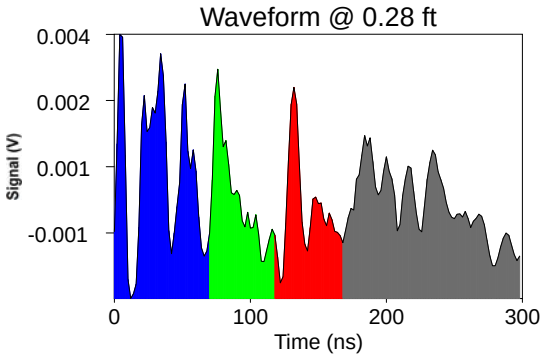
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 11:50:08 AM	Max fluorescence: 39.42% @ 7.15 ft
ROST Unit: 1	Final depth BGS: 11.19 ft



ROST Fluorescence Response Data

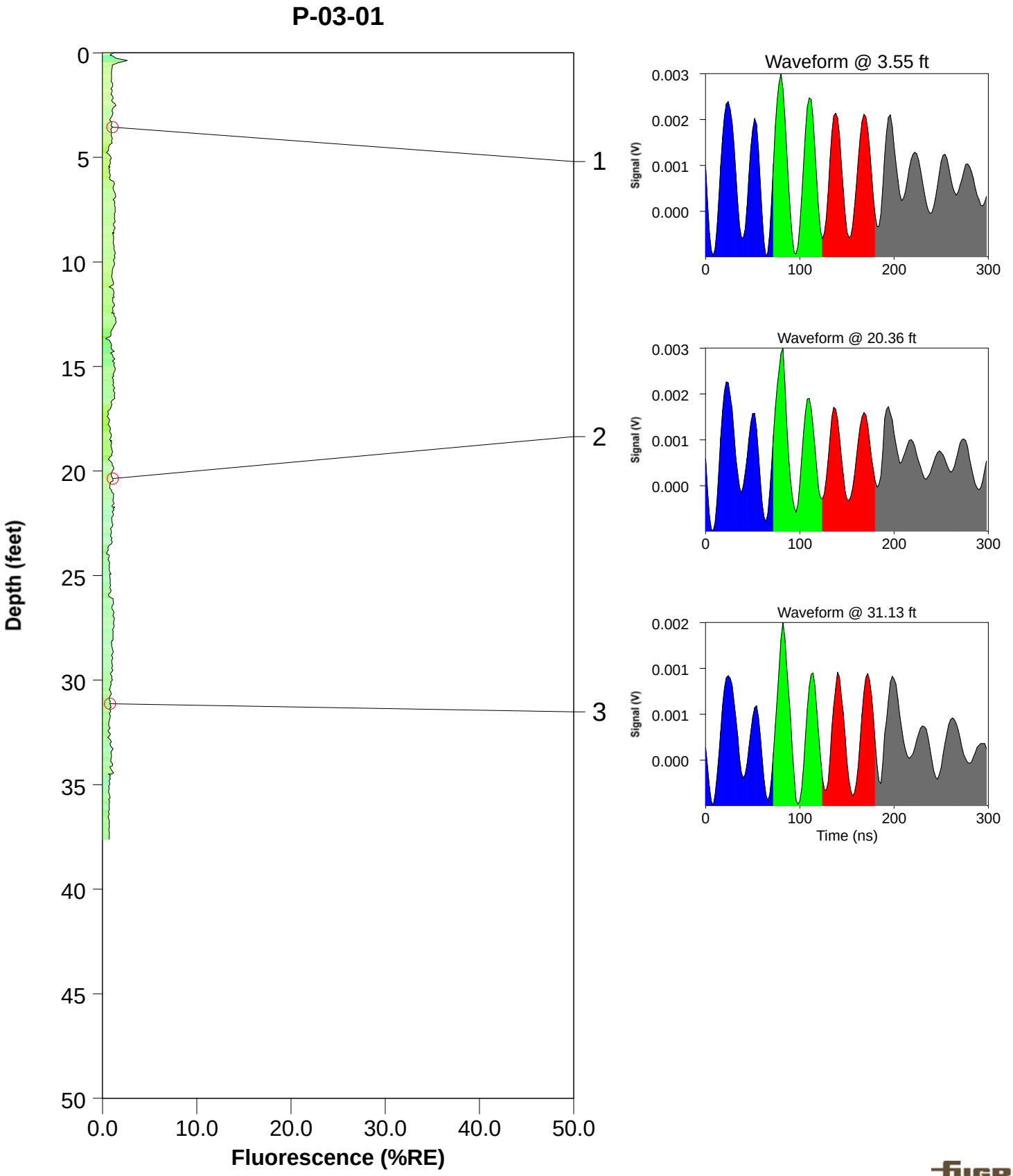
Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 12:35:56 PM	Max fluorescence: 1.41% @ 0.00 ft
ROST Unit: 1	Final depth BGS: 0.66 ft





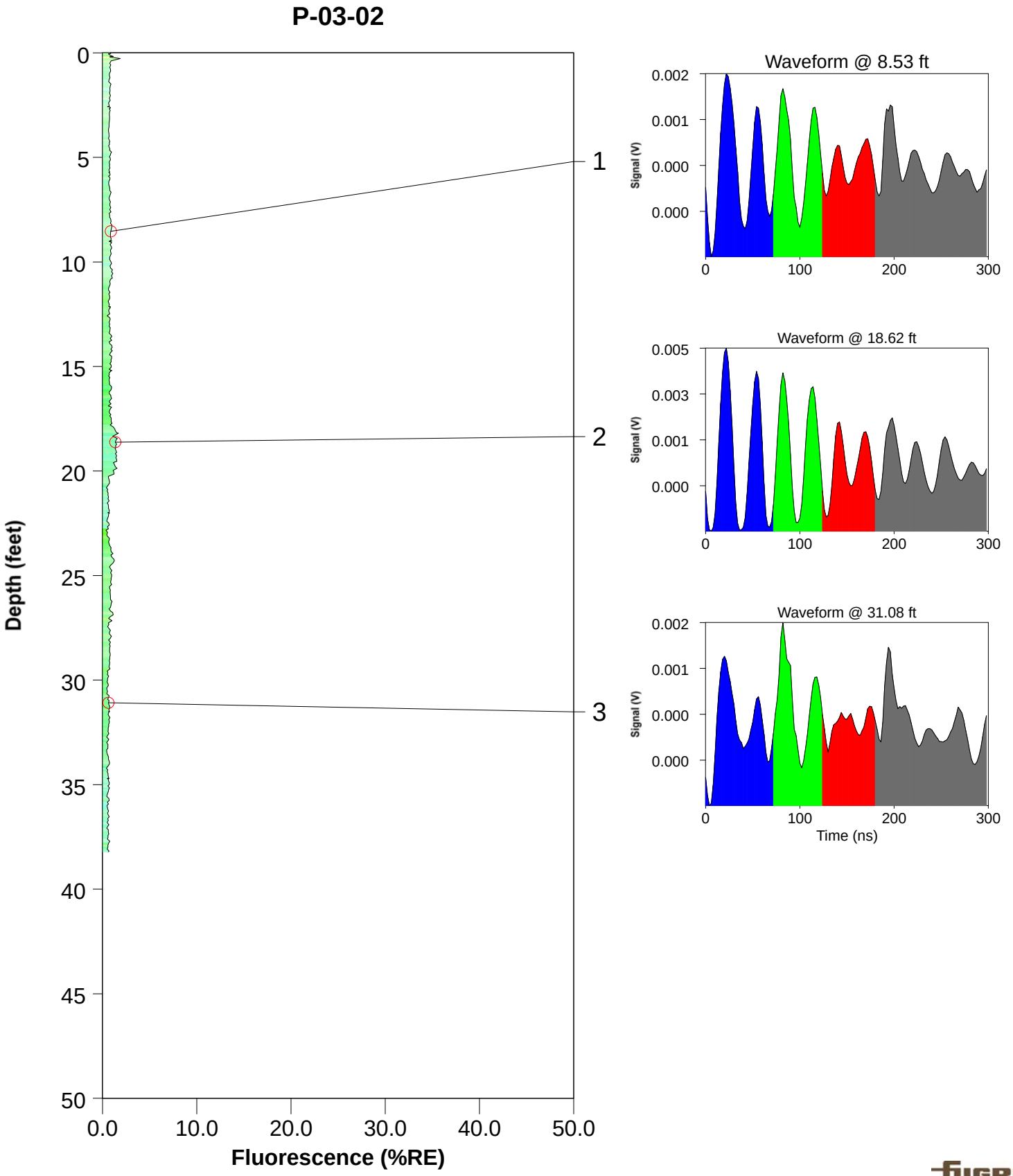
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 12:15:30 PM	Max fluorescence: 2.63% @ 0.37 ft
ROST Unit: 2	Final depth BGS: 37.62 ft



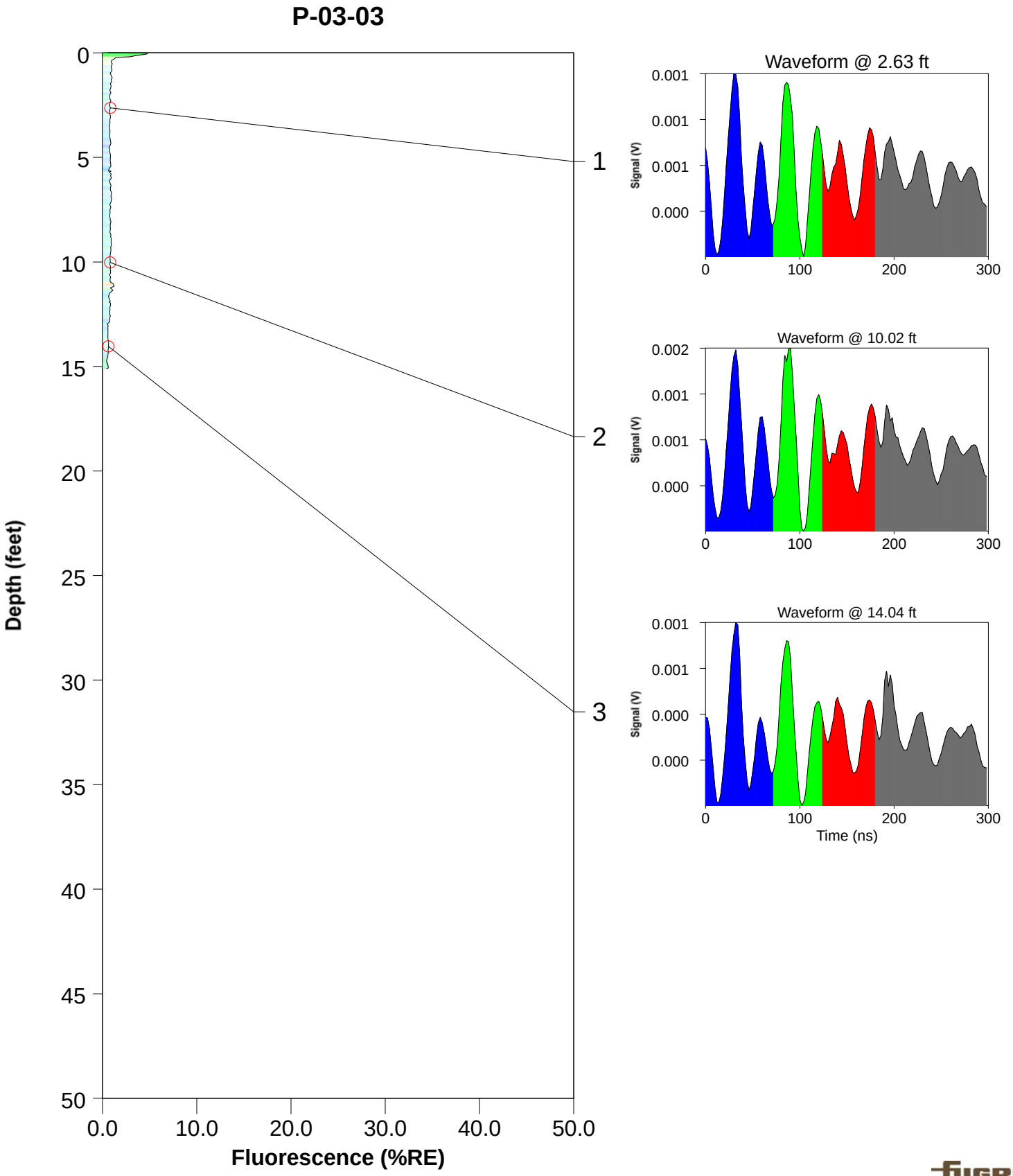
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 11:46:17 AM	Max fluorescence: 1.88% @ 0.27 ft
ROST Unit: 2	Final depth BGS: 38.22 ft



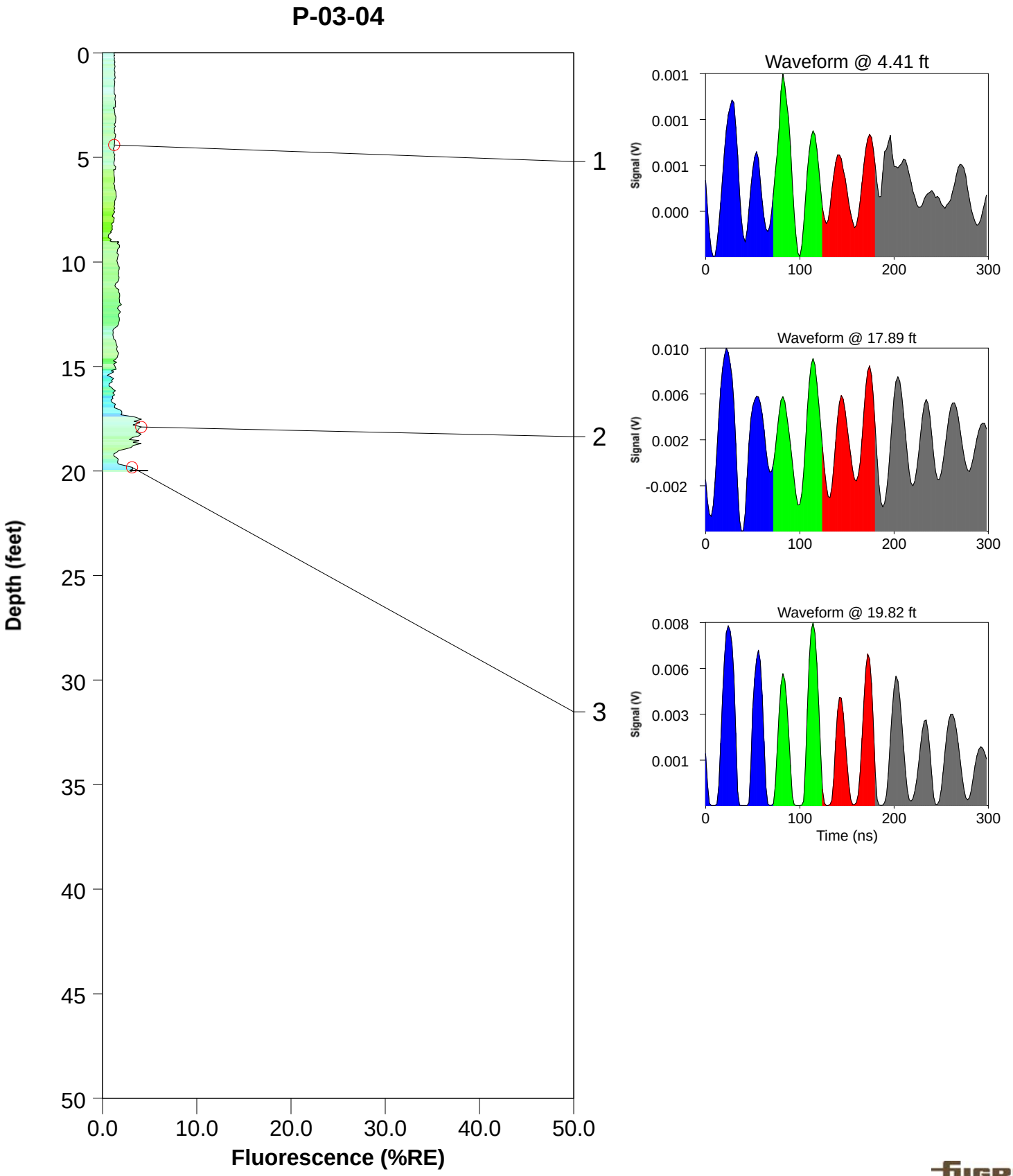
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 11:24:41 AM	Max fluorescence: 4.78% @ 0.03 ft
ROST Unit: 2	Final depth BGS: 15.09 ft



ROST Fluorescence Response Data

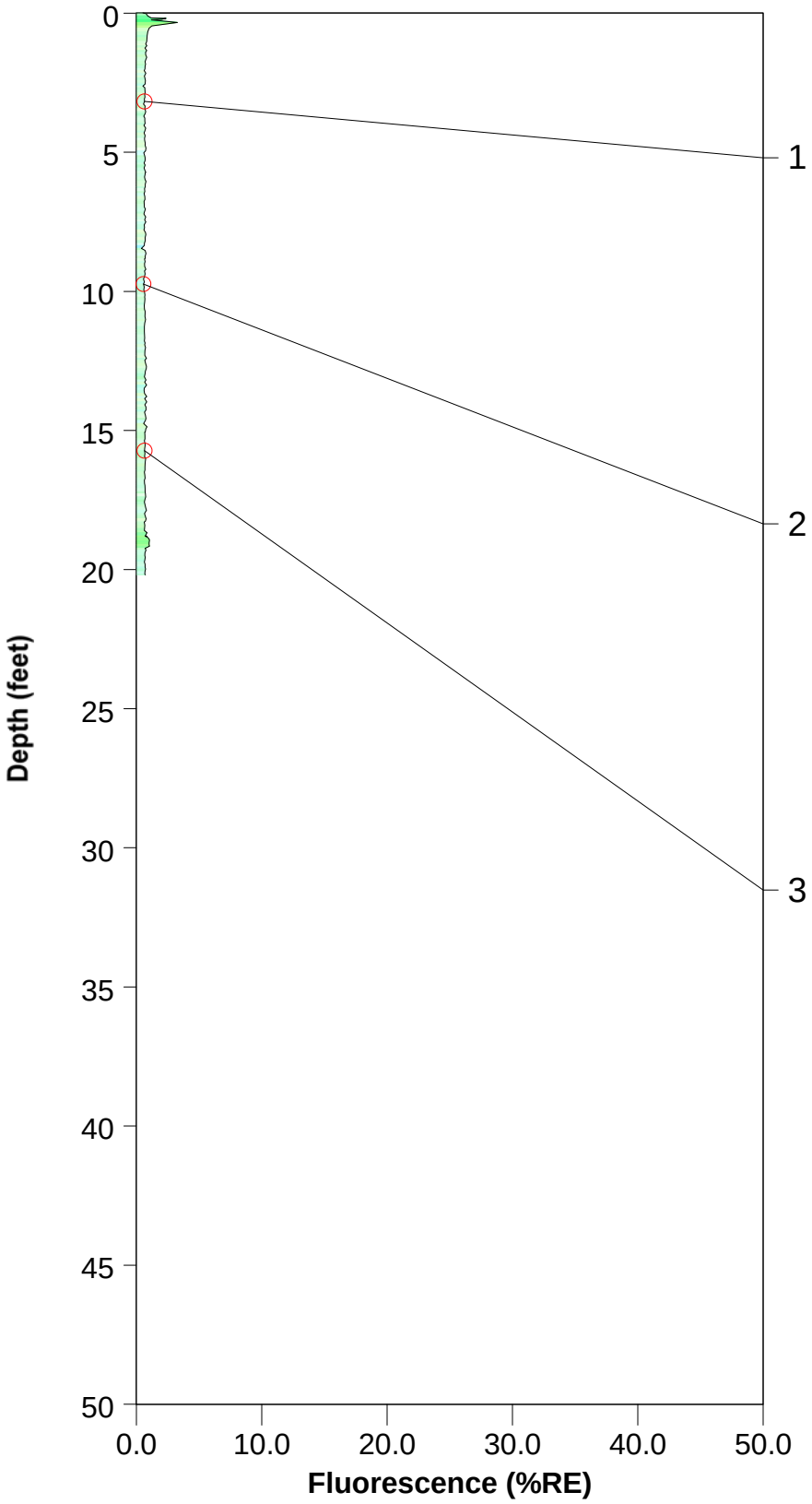
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 1:13:12 PM	Max fluorescence: 4.81% @ 19.97 ft
ROST Unit: 2	Final depth BGS: 20.02 ft

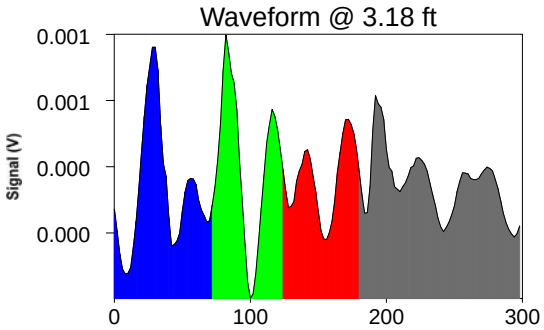


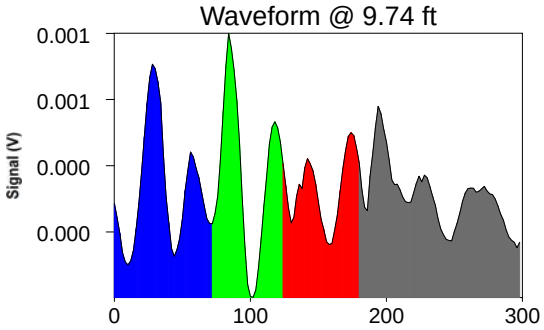
ROST Fluorescence Response Data

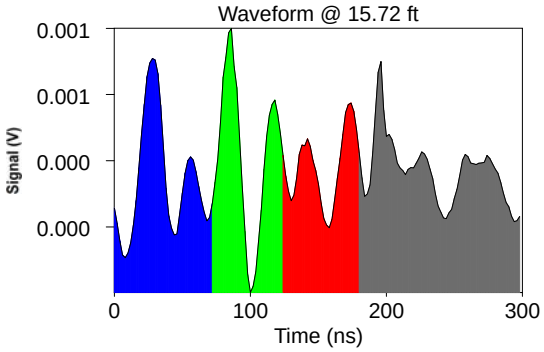
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 10:57:38 AM	Max fluorescence: 3.26% @ 0.34 ft
ROST Unit: 2	Final depth BGS: 20.19 ft

P-03-05



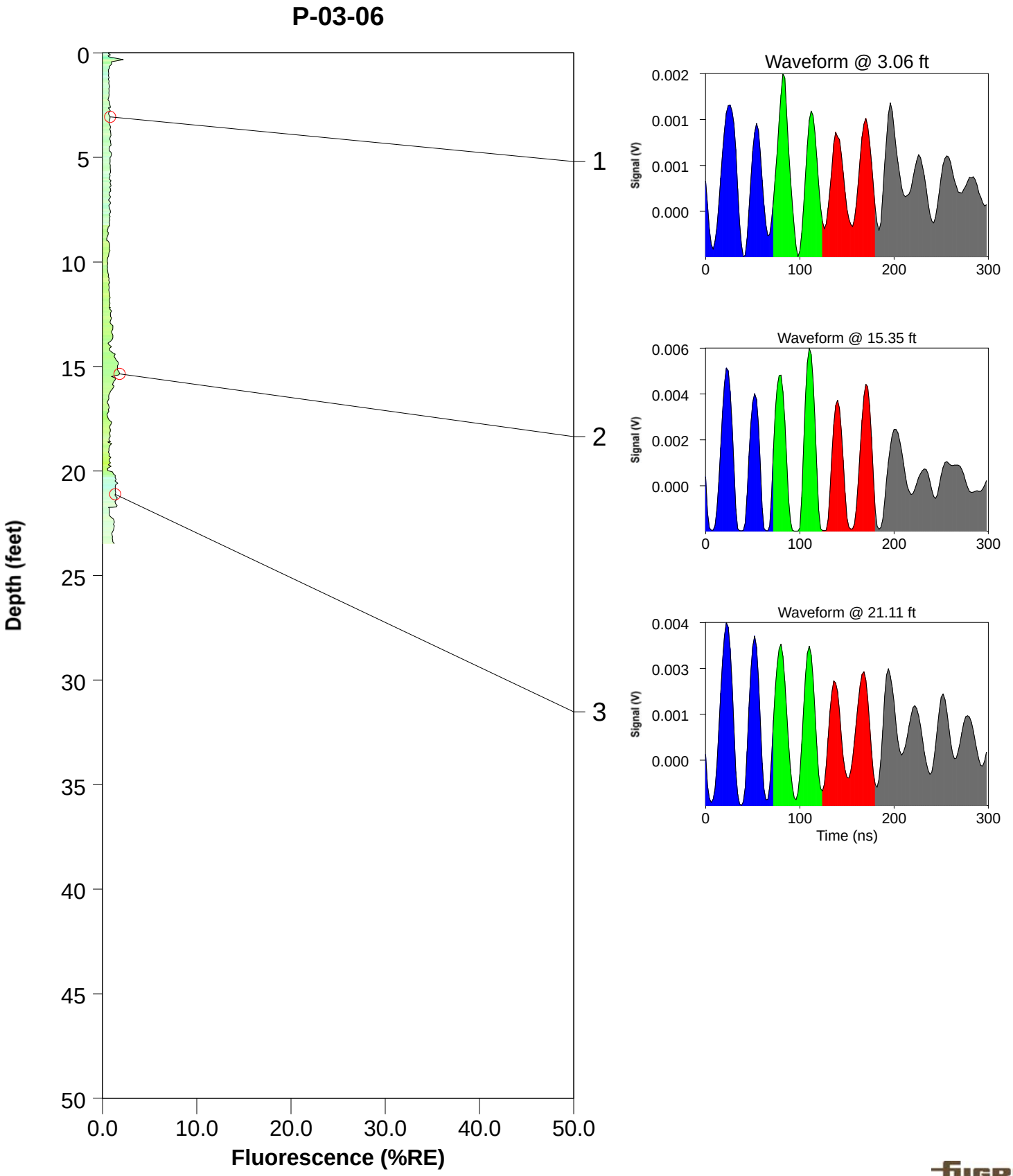






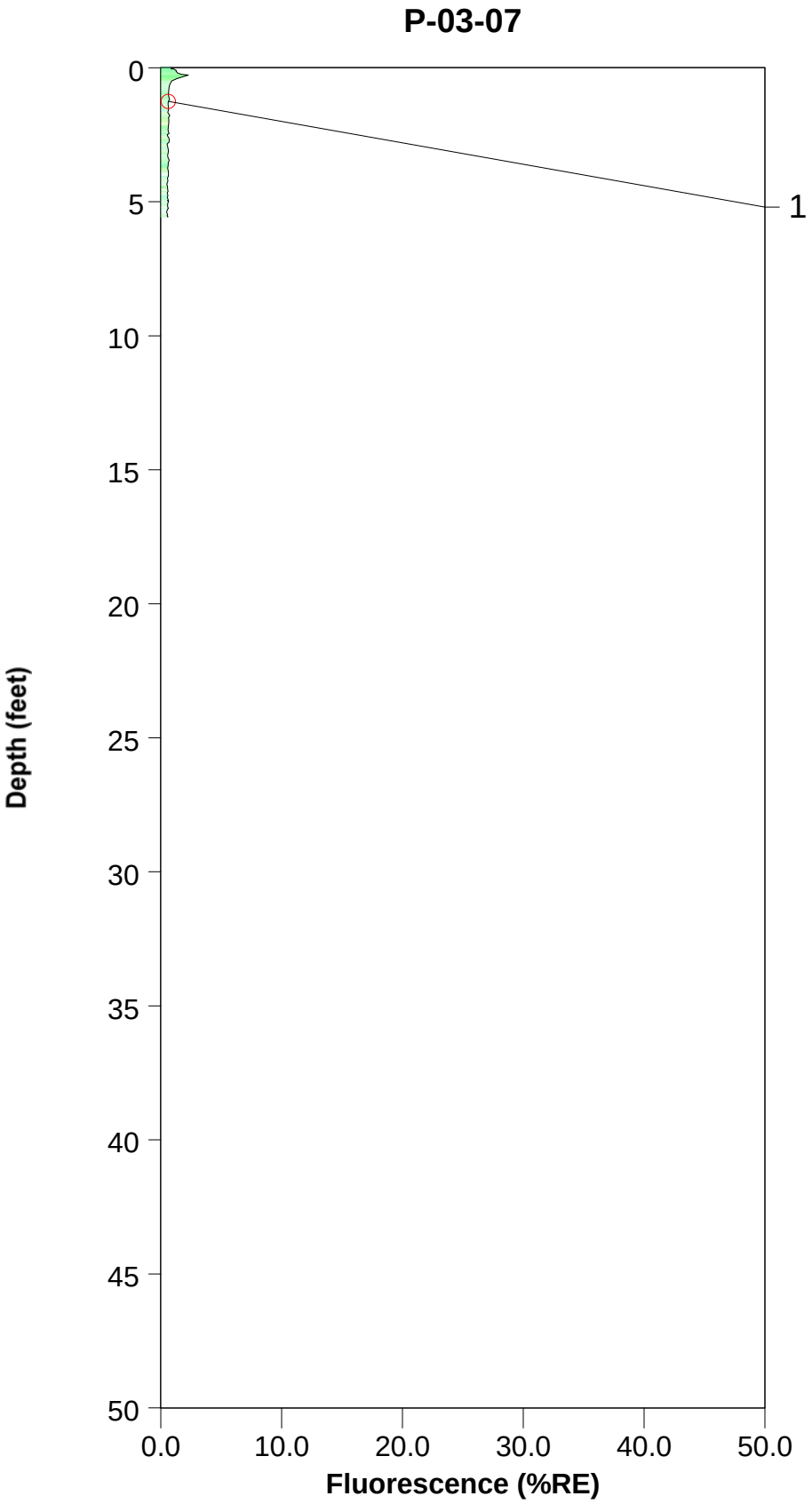
ROST Fluorescence Response Data

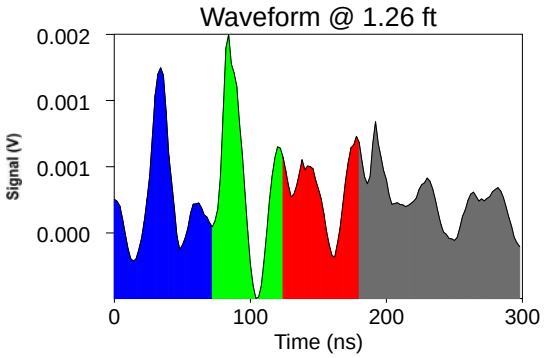
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 12:49:50 PM	Max fluorescence: 2.20% @ 0.33 ft
ROST Unit: 2	Final depth BGS: 23.47 ft



ROST Fluorescence Response Data

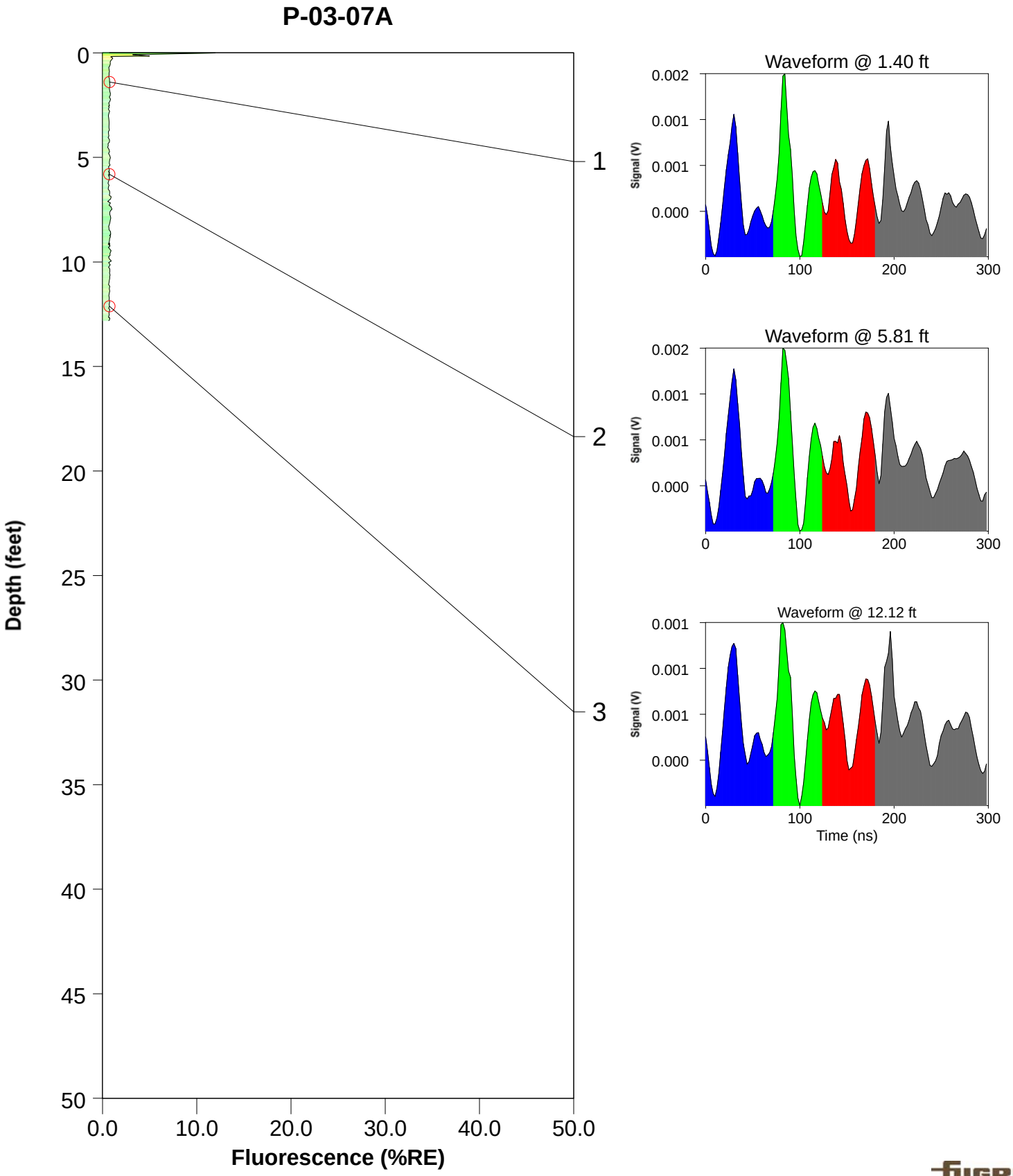
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 10:27:56 AM	Max fluorescence: 2.28% @ 0.28 ft
ROST Unit: 2	Final depth BGS: 5.56 ft





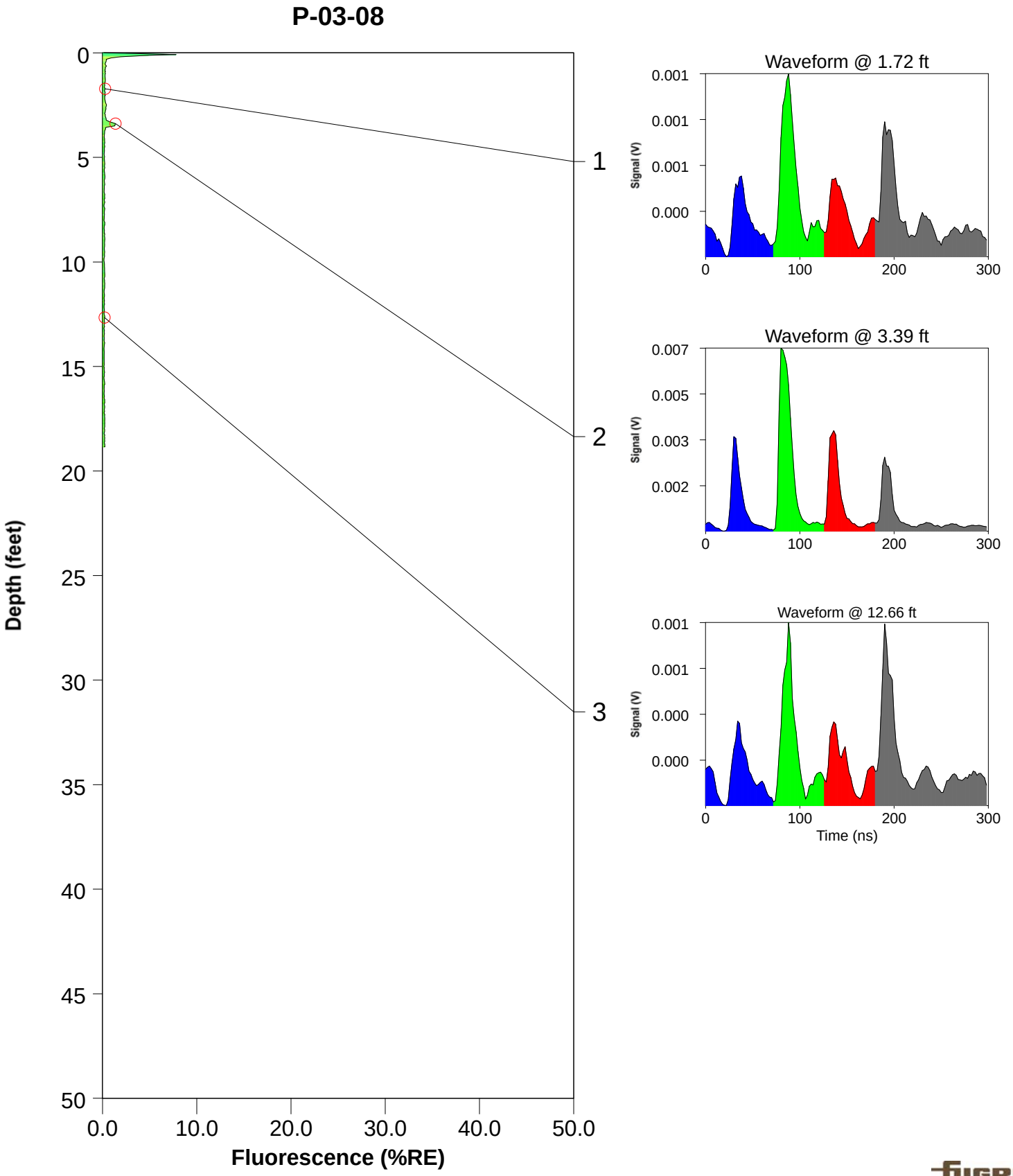
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 10:37:53 AM	Max fluorescence: 11.97% @ 0.01 ft
ROST Unit: 2	Final depth BGS: 12.81 ft



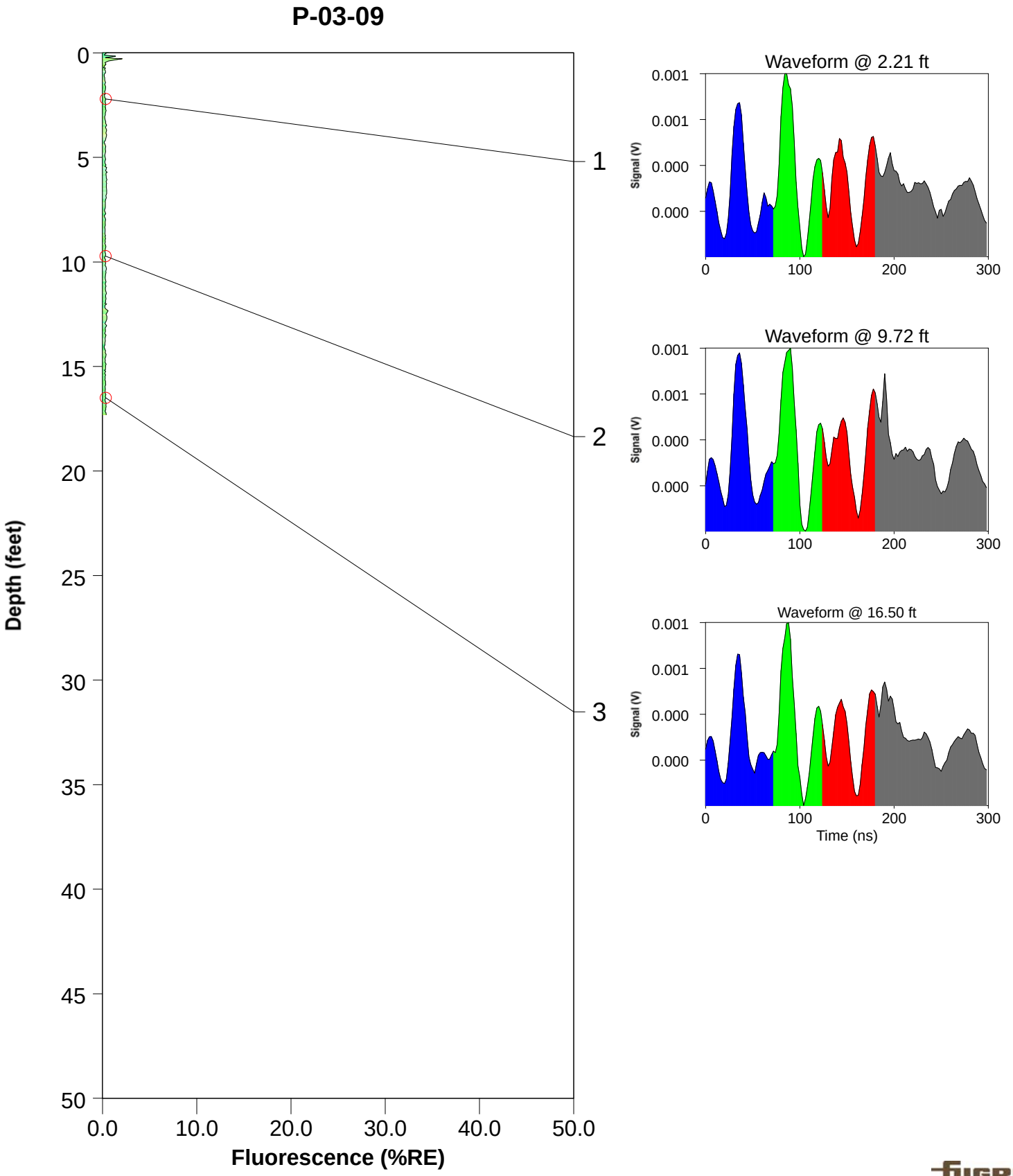
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 2:06:25 PM	Max fluorescence: 7.80% @ 0.08 ft
ROST Unit: 2	Final depth BGS: 18.84 ft



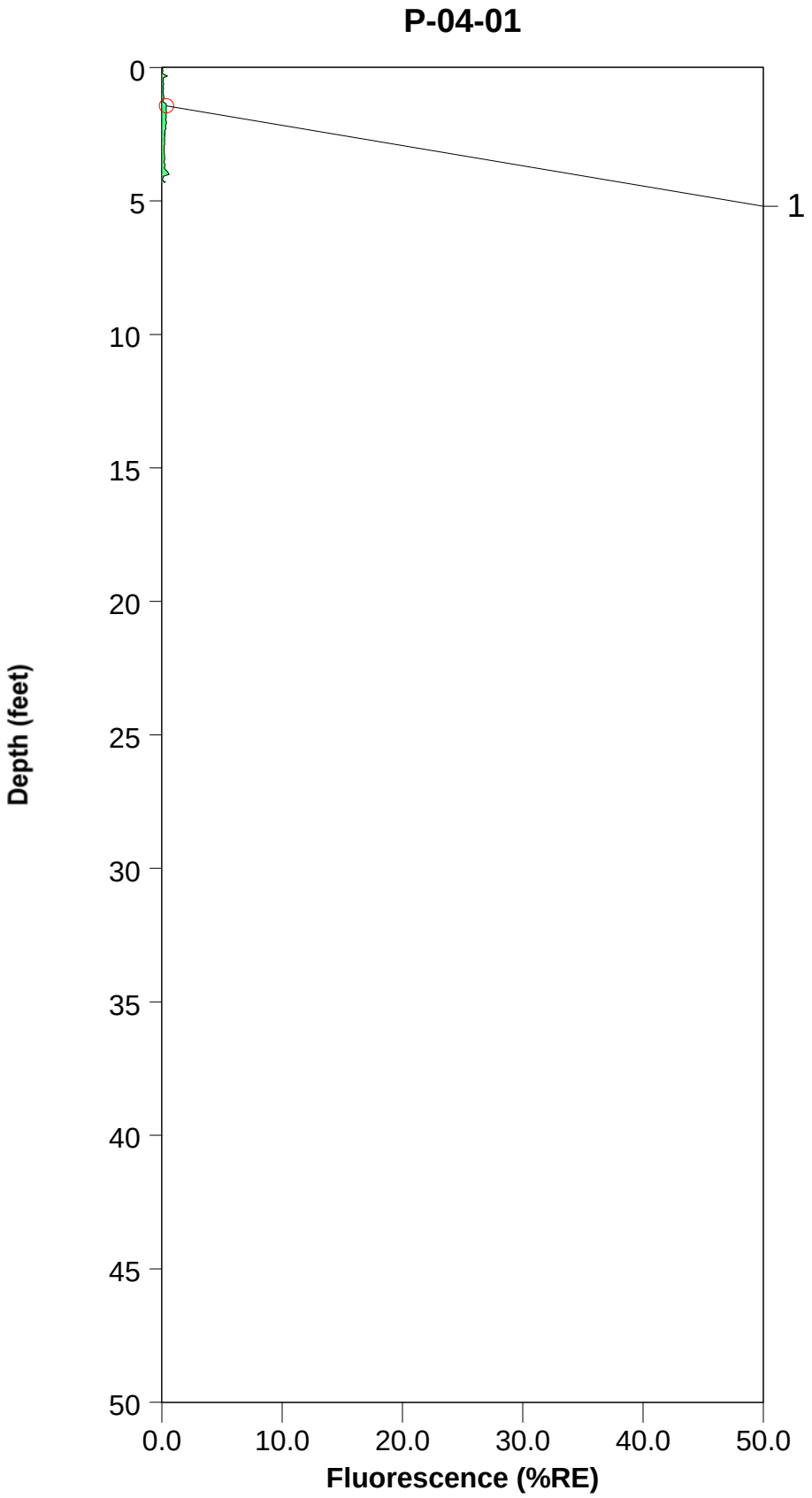
ROST Fluorescence Response Data

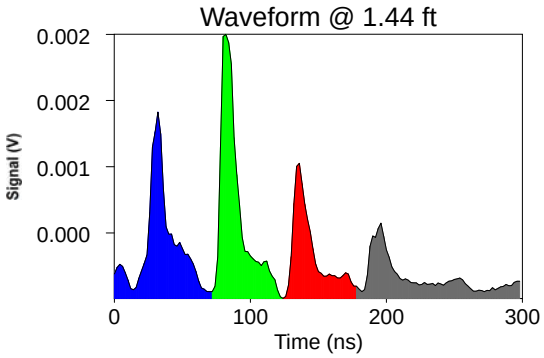
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 1:40:08 PM	Max fluorescence: 2.08% @ 0.28 ft
ROST Unit: 2	Final depth BGS: 17.31 ft



ROST Fluorescence Response Data

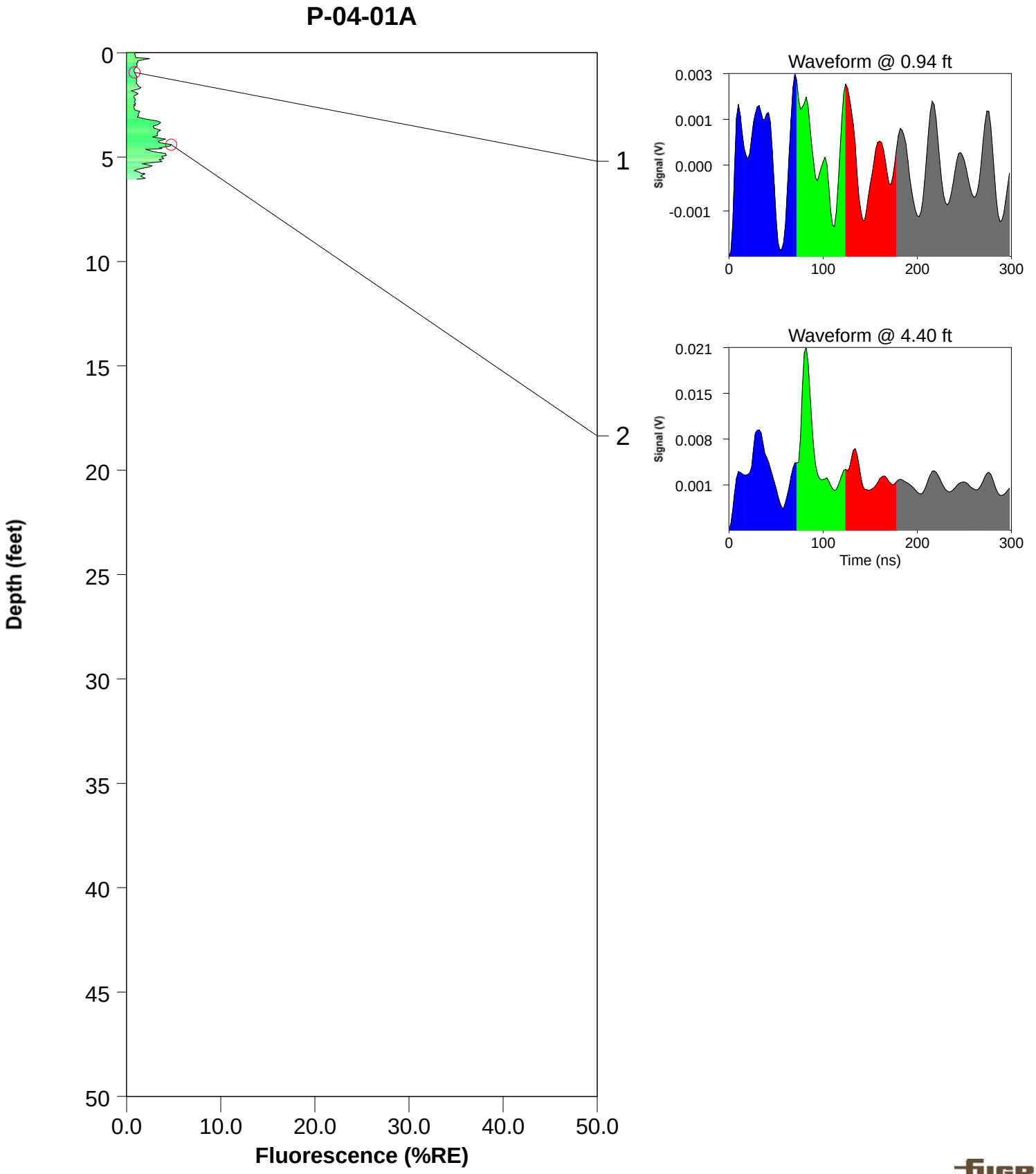
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 11:02:16 AM	Max fluorescence: 0.59% @ 4.01 ft
ROST Unit: 2	Final depth BGS: 4.30 ft





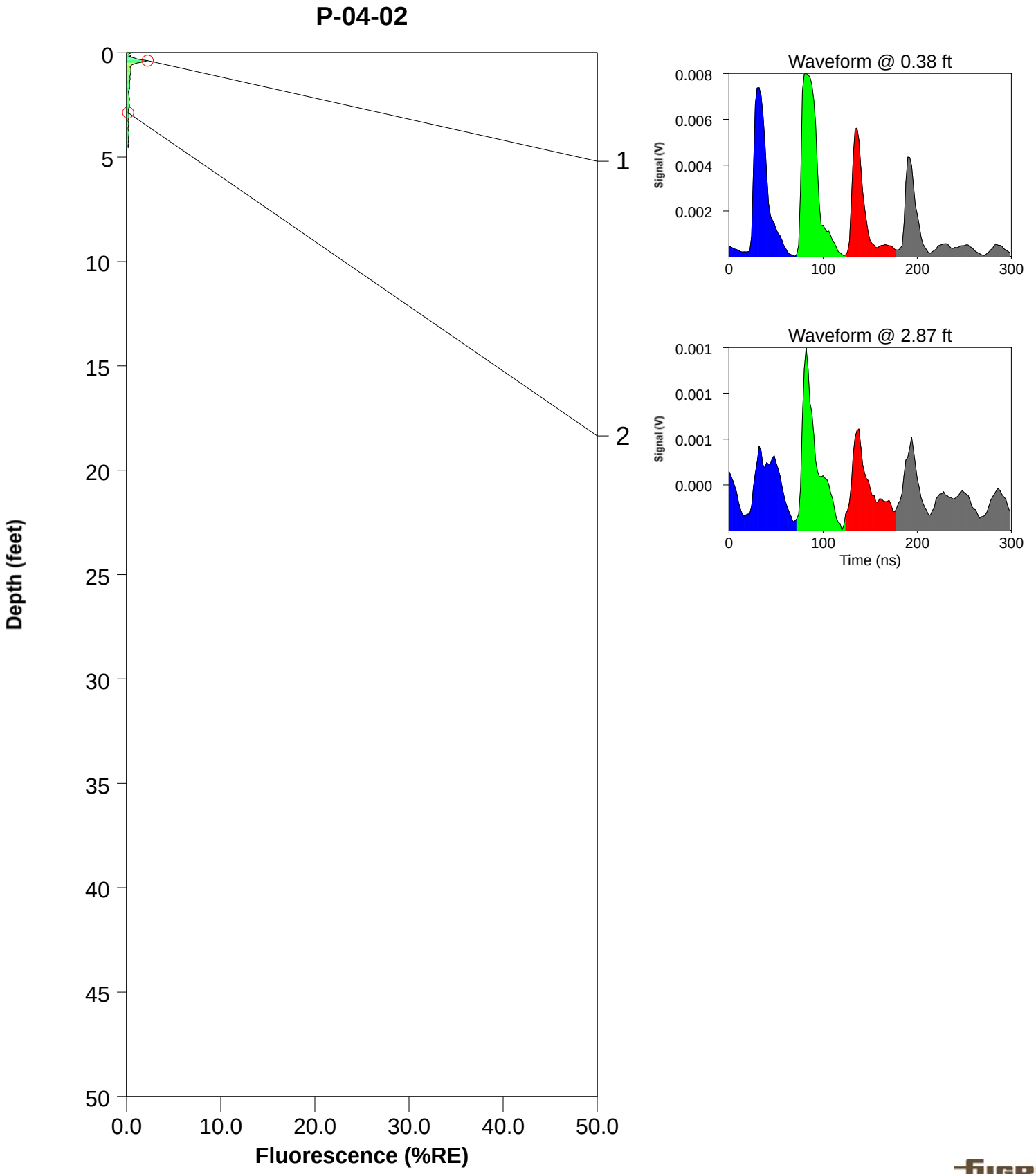
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 11:13:08 AM	Max fluorescence: 4.73% @ 4.40 ft
ROST Unit: 2	Final depth BGS: 6.05 ft



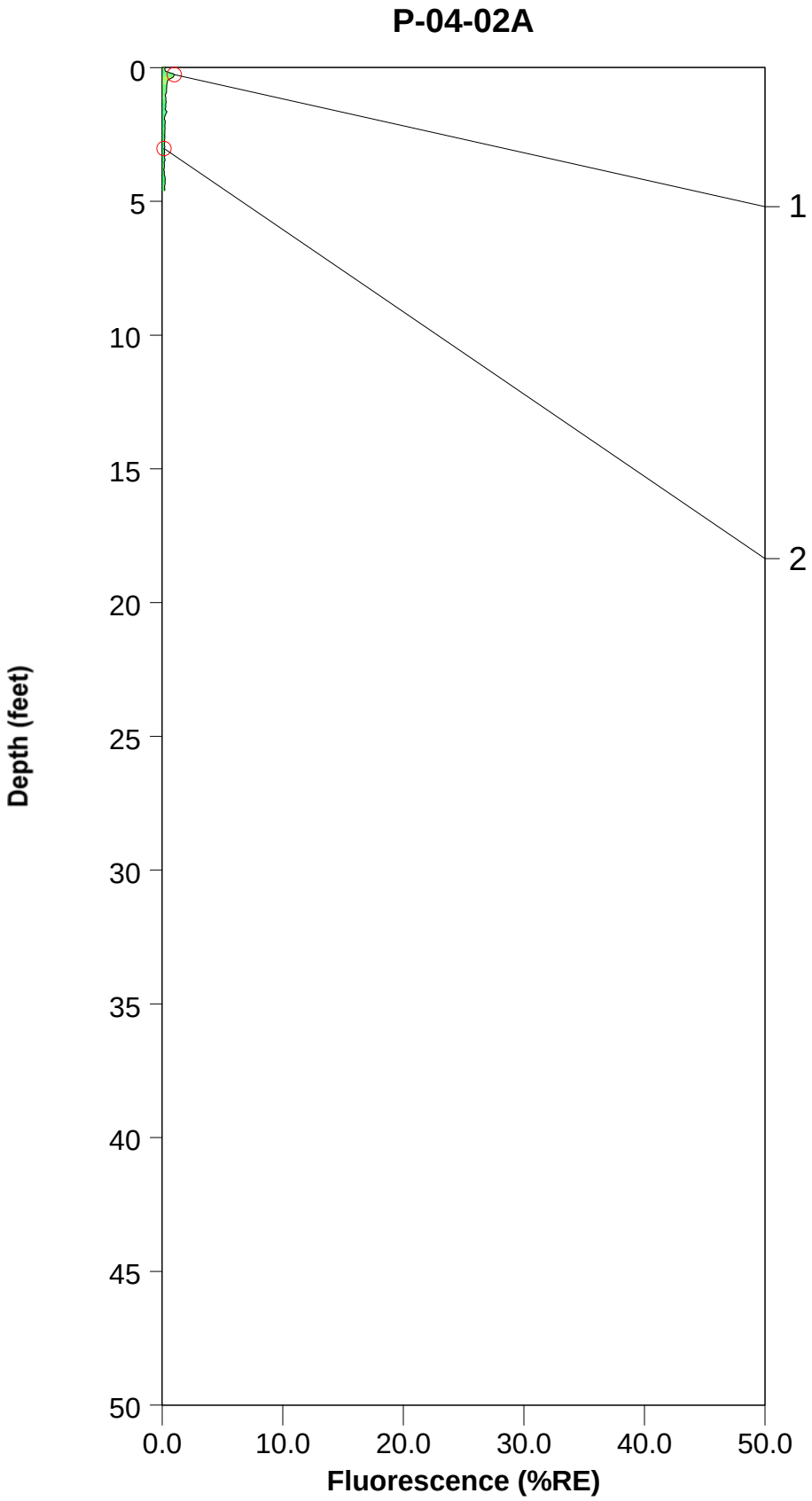
ROST Fluorescence Response Data

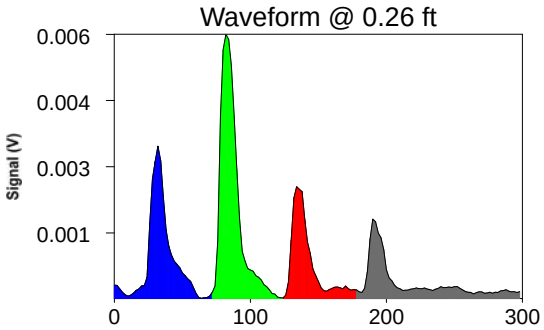
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 10:21:48 AM	Max fluorescence: 2.24% @ 0.38 ft
ROST Unit: 2	Final depth BGS: 4.54 ft

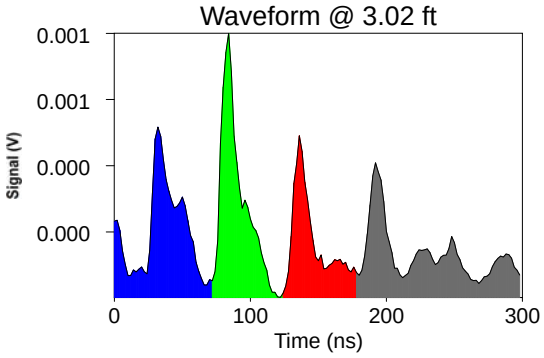


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 10:29:18 AM	Max fluorescence: 1.00% @ 0.26 ft
ROST Unit: 2	Final depth BGS: 4.60 ft

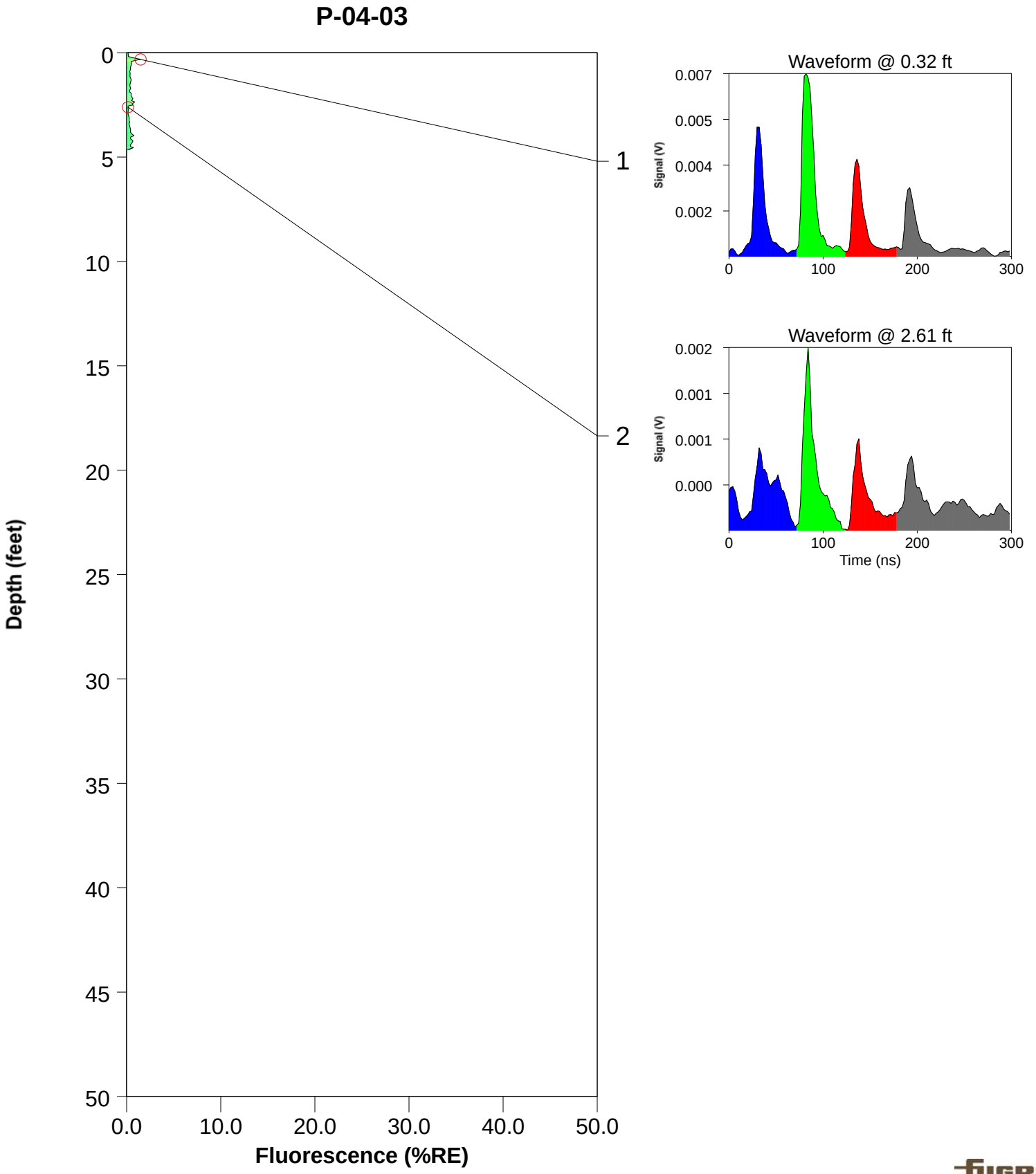






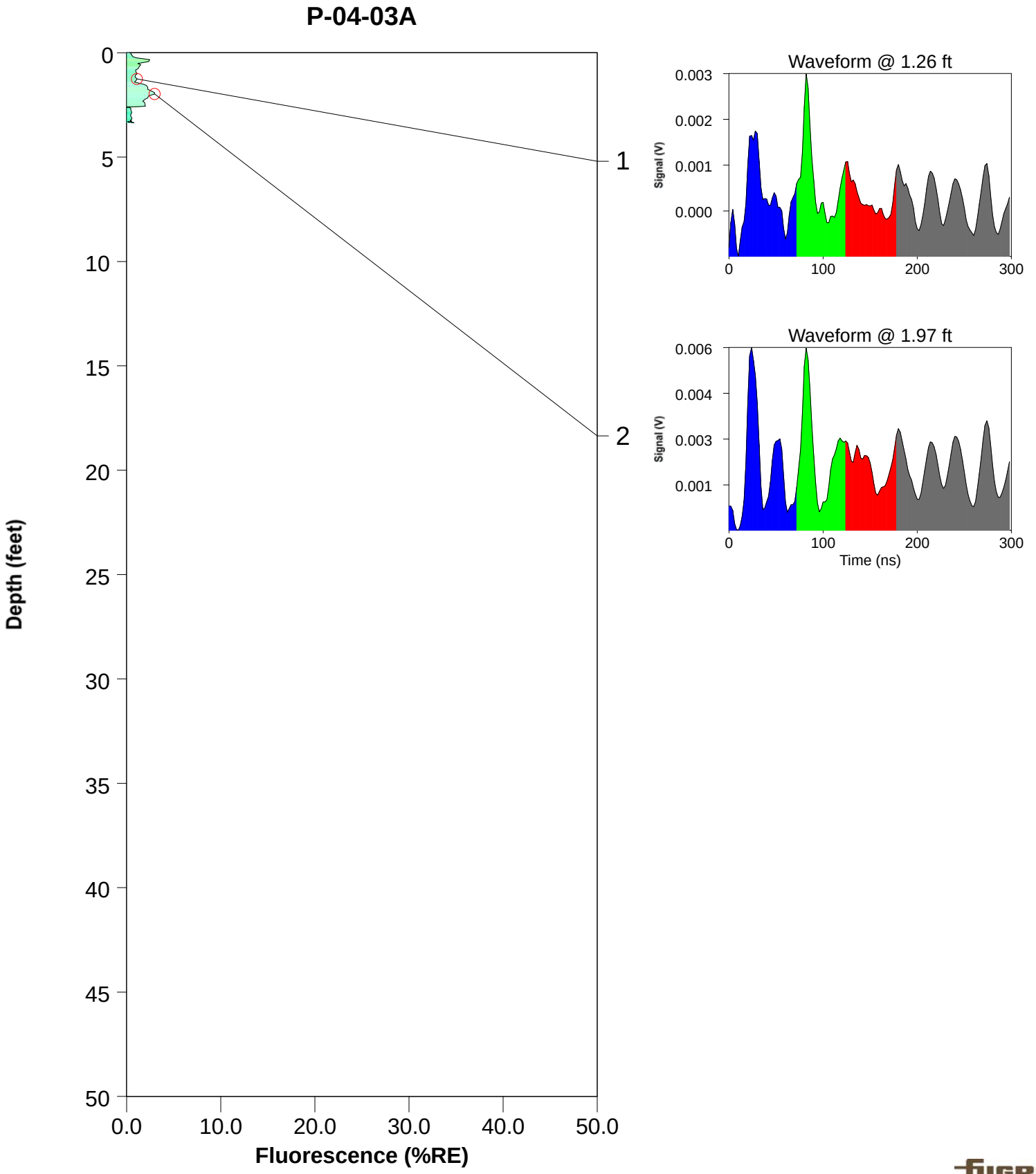
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 10:43:51 AM	Max fluorescence: 1.48% @ 0.32 ft
ROST Unit: 2	Final depth BGS: 4.64 ft



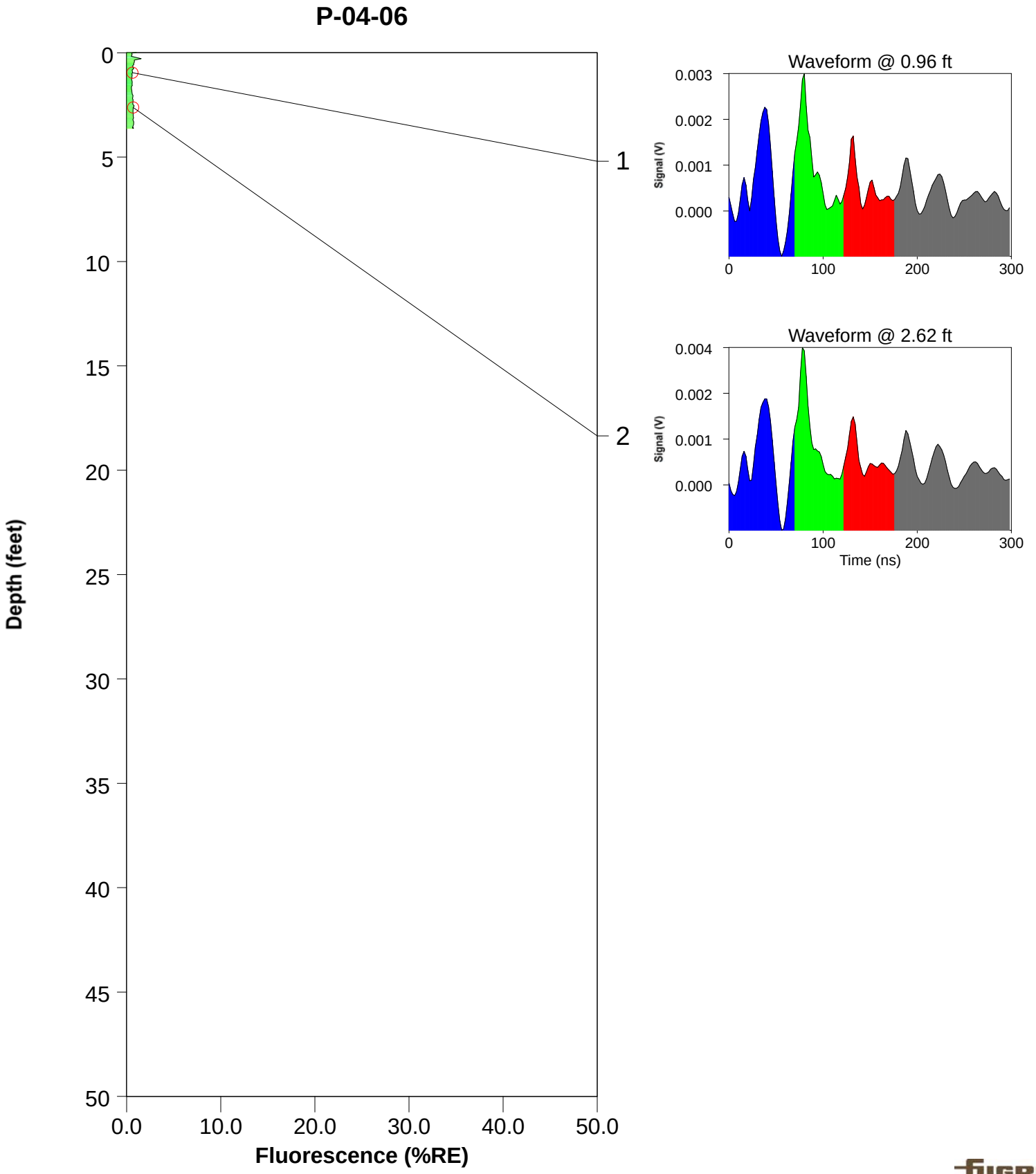
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 10:51:10 AM	Max fluorescence: 2.97% @ 1.97 ft
ROST Unit: 2	Final depth BGS: 3.36 ft



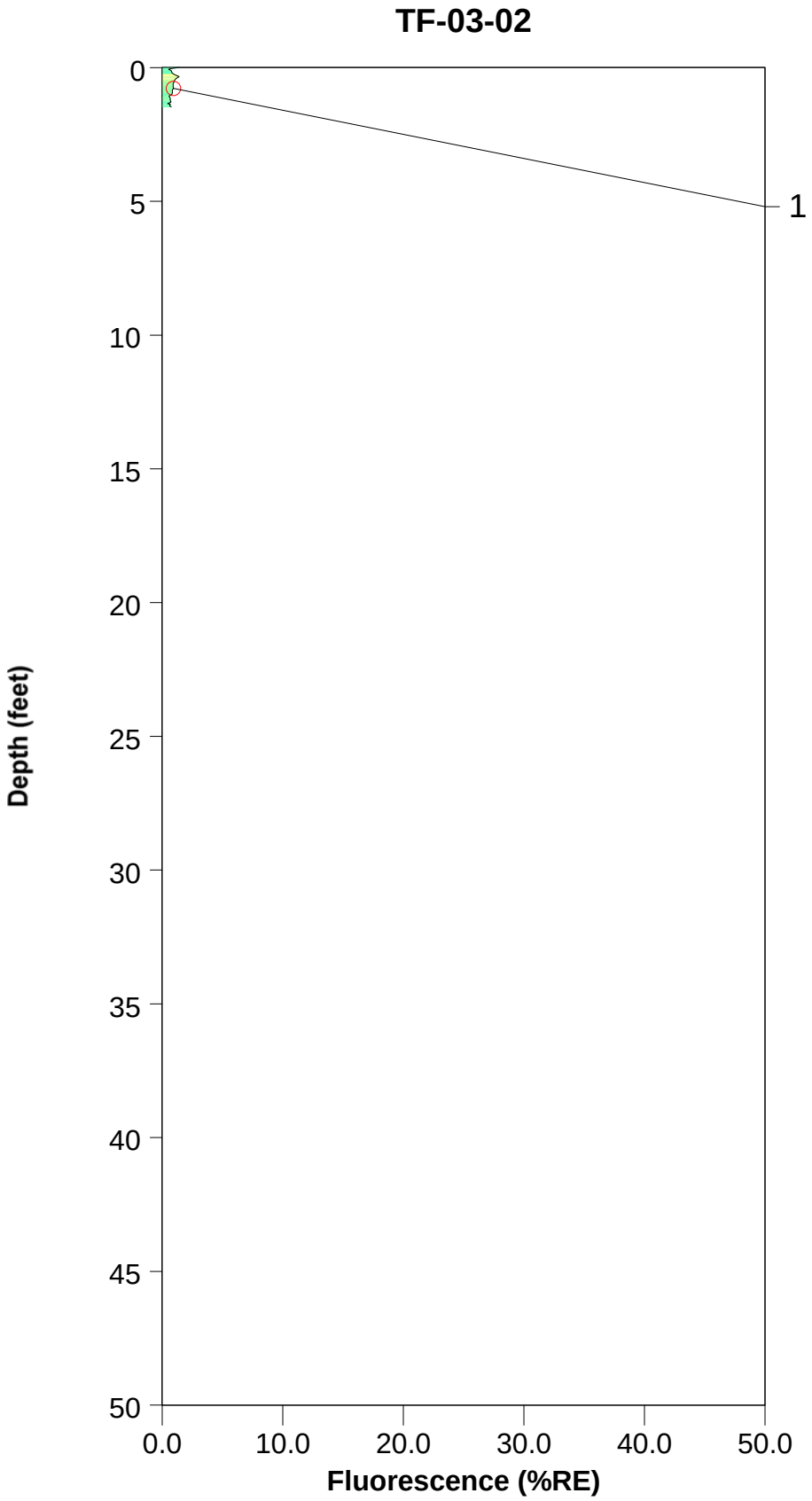
ROST Fluorescence Response Data

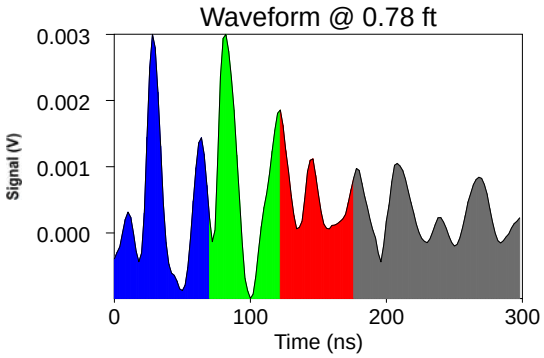
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 3:51:46 PM	Max fluorescence: 1.54% @ 0.29 ft
ROST Unit: 2	Final depth BGS: 3.63 ft



ROST Fluorescence Response Data

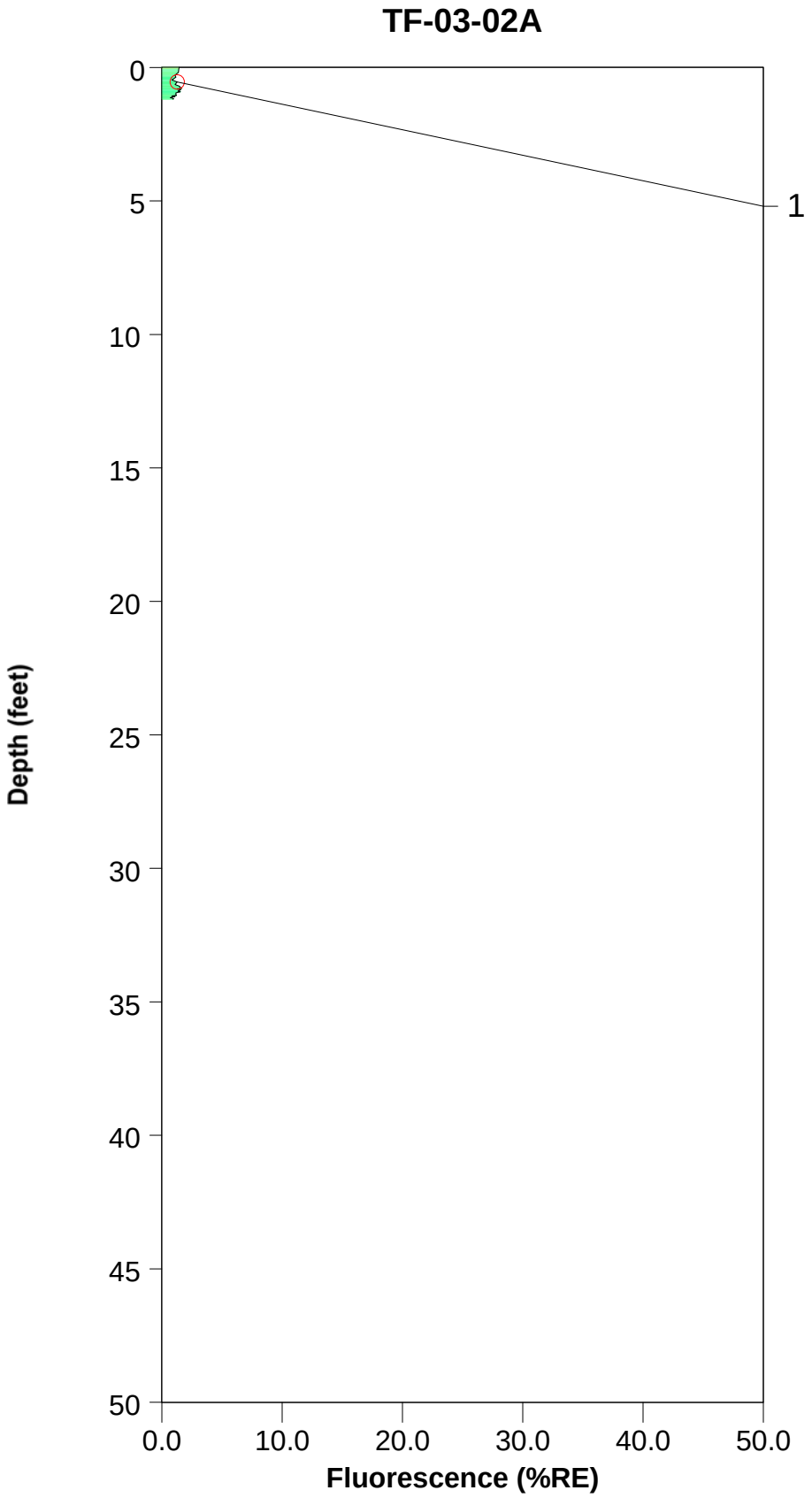
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 10:45:51 AM	Max fluorescence: 1.41% @ 0.00 ft
ROST Unit: 2	Final depth BGS: 1.47 ft

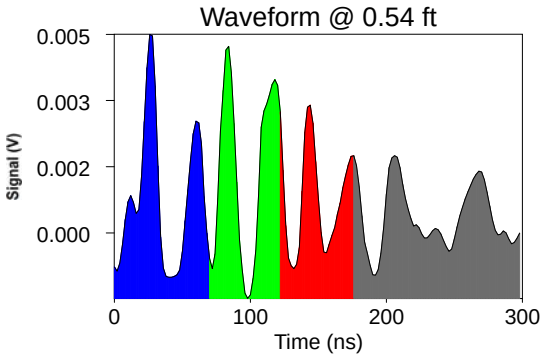




ROST Fluorescence Response Data

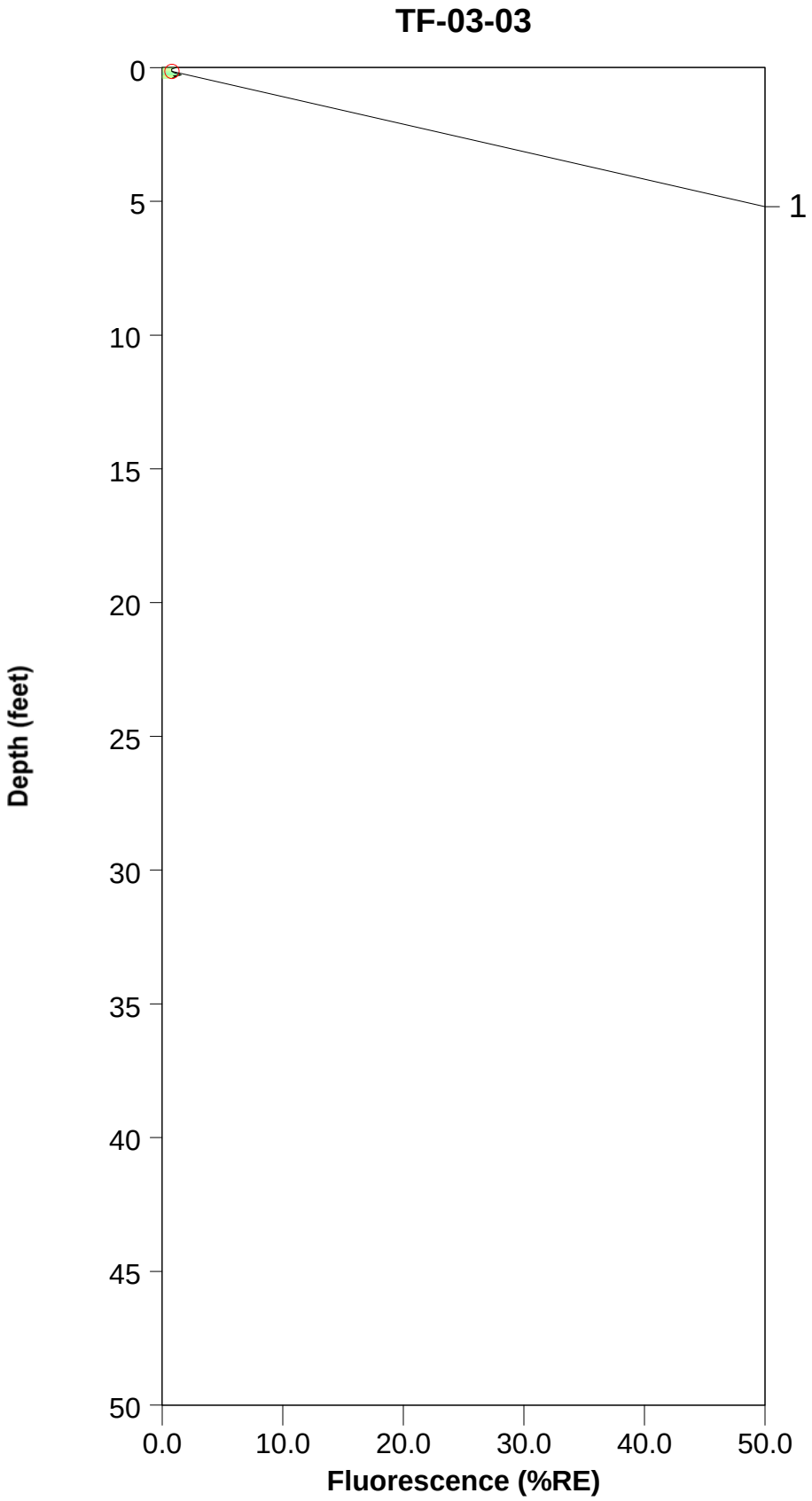
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 10:54:16 AM	Max fluorescence: 1.65% @ 0.78 ft
ROST Unit: 2	Final depth BGS: 1.18 ft

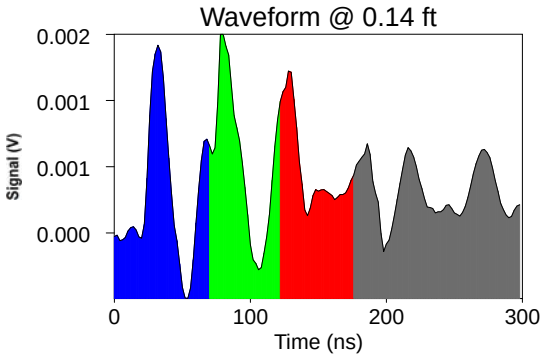




ROST Fluorescence Response Data

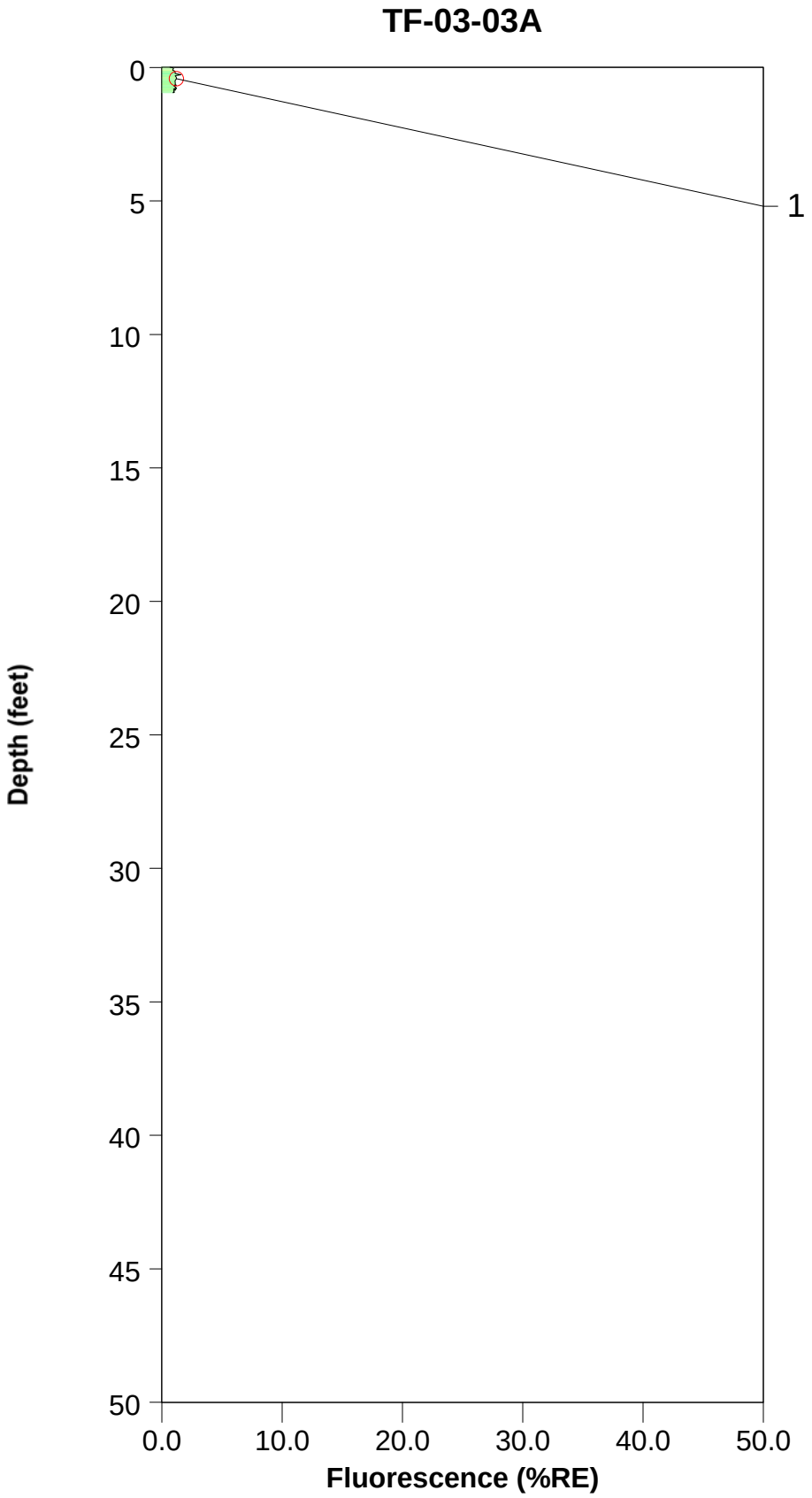
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 10:31:56 AM	Max fluorescence: 1.56% @ 0.27 ft
ROST Unit: 2	Final depth BGS: 0.39 ft

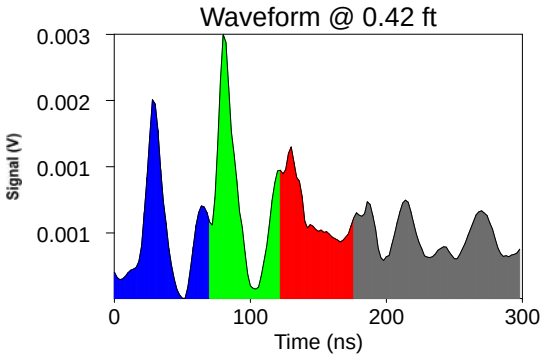




ROST Fluorescence Response Data

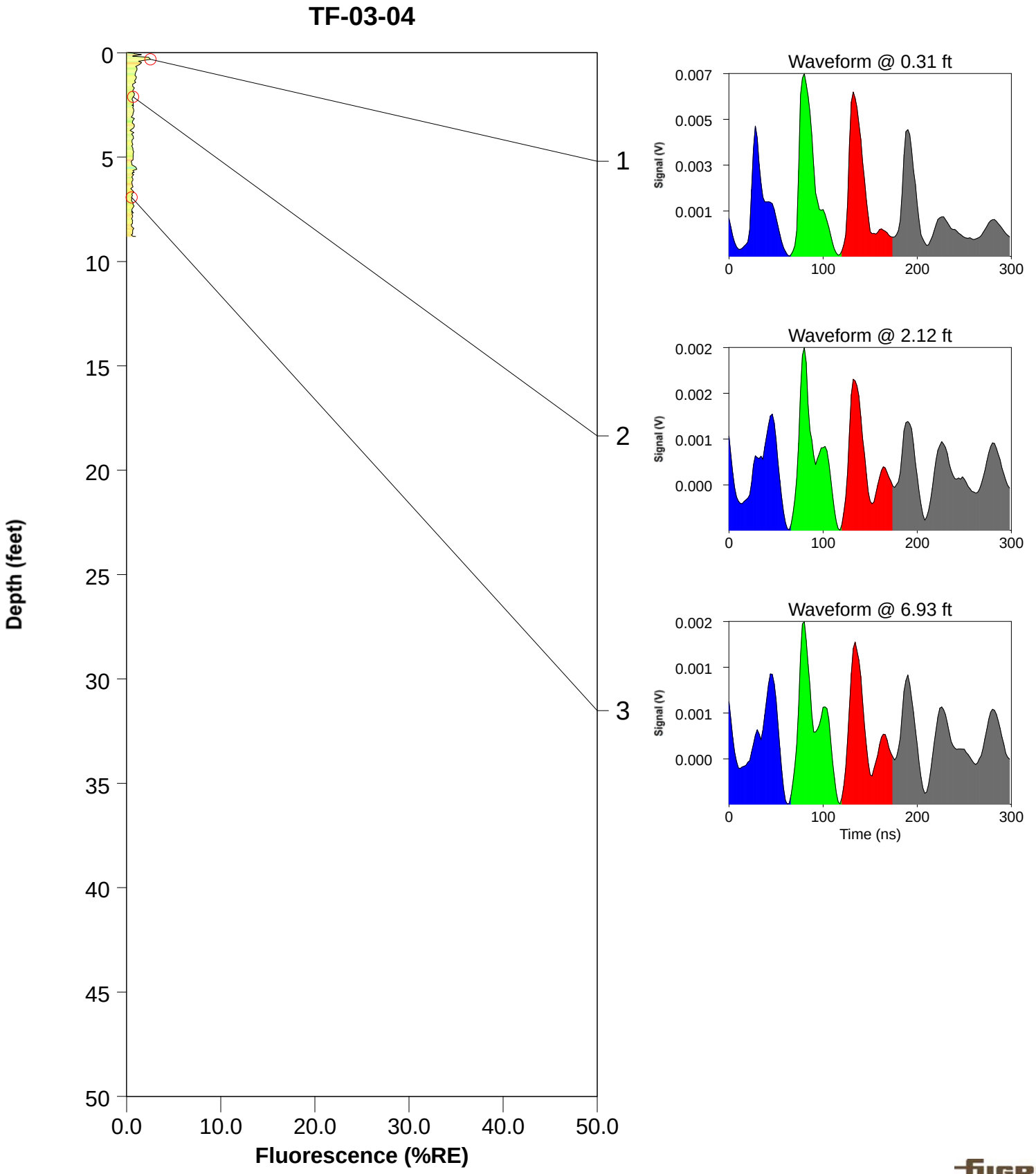
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 10:38:04 AM	Max fluorescence: 1.58% @ 0.27 ft
ROST Unit: 2	Final depth BGS: 0.94 ft





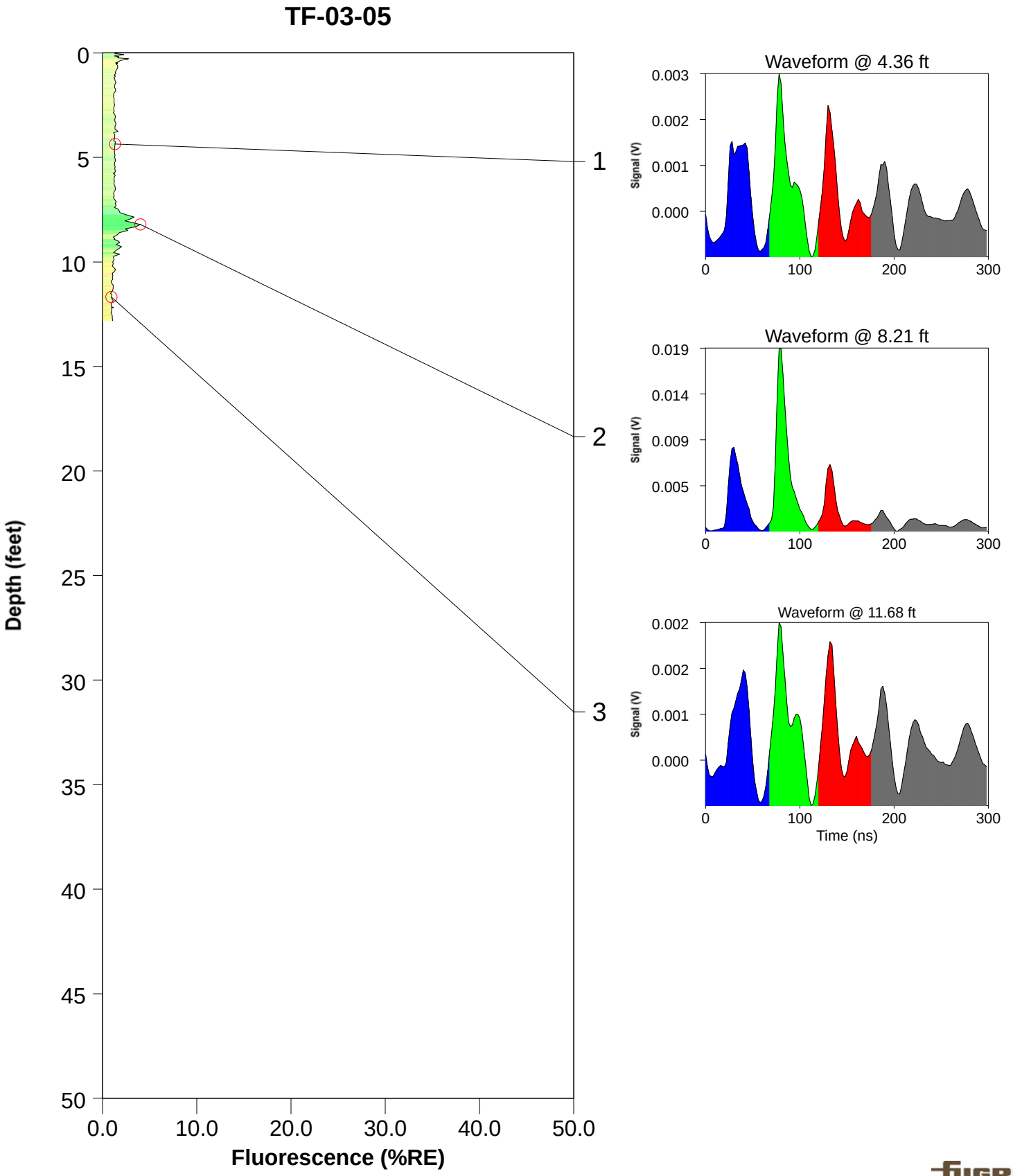
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 9:37:31 AM	Max fluorescence: 2.53% @ 0.31 ft
ROST Unit: 2	Final depth BGS: 8.80 ft



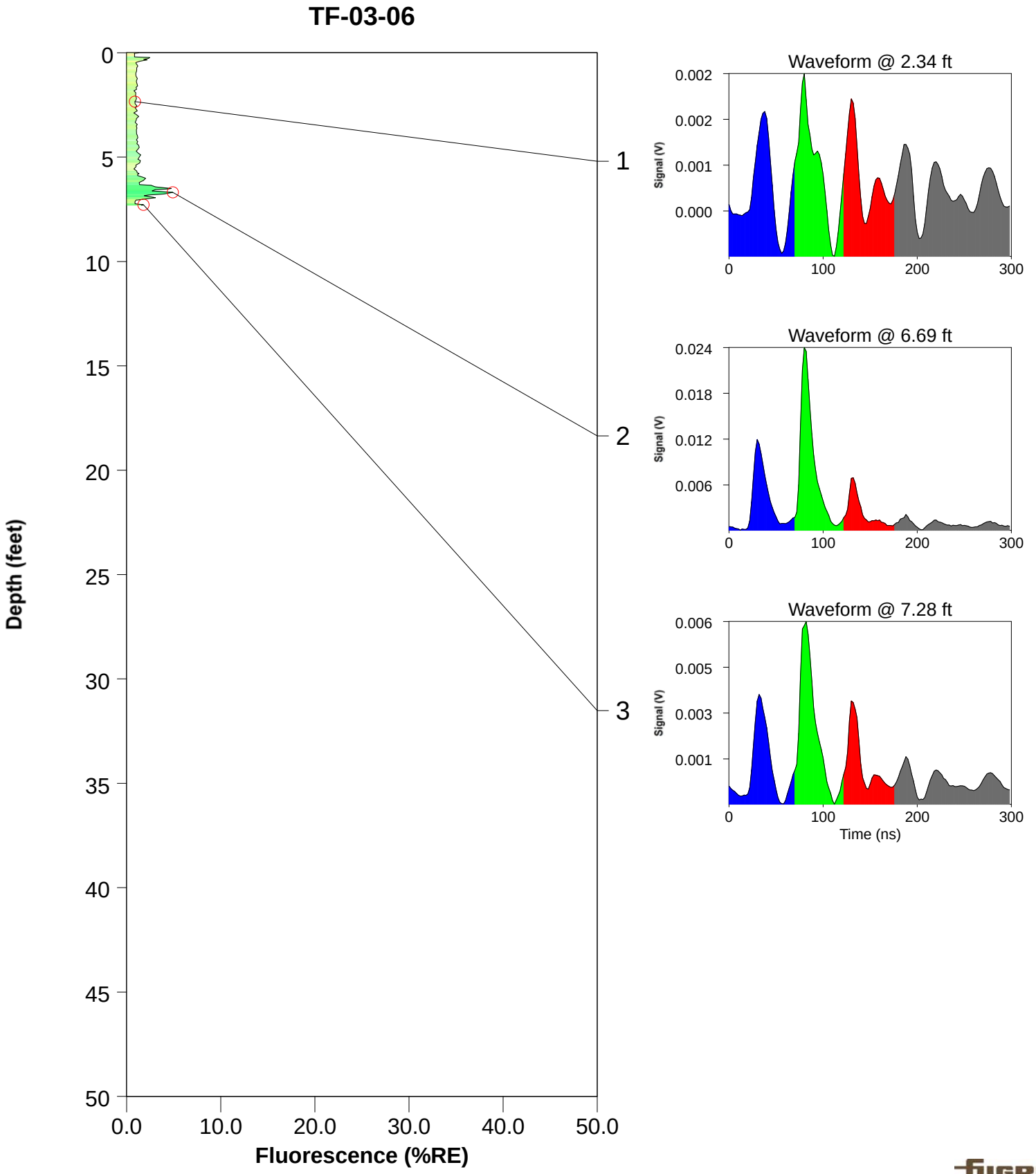
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 9:51:16 AM	Max fluorescence: 4.01% @ 8.21 ft
ROST Unit: 2	Final depth BGS: 12.81 ft



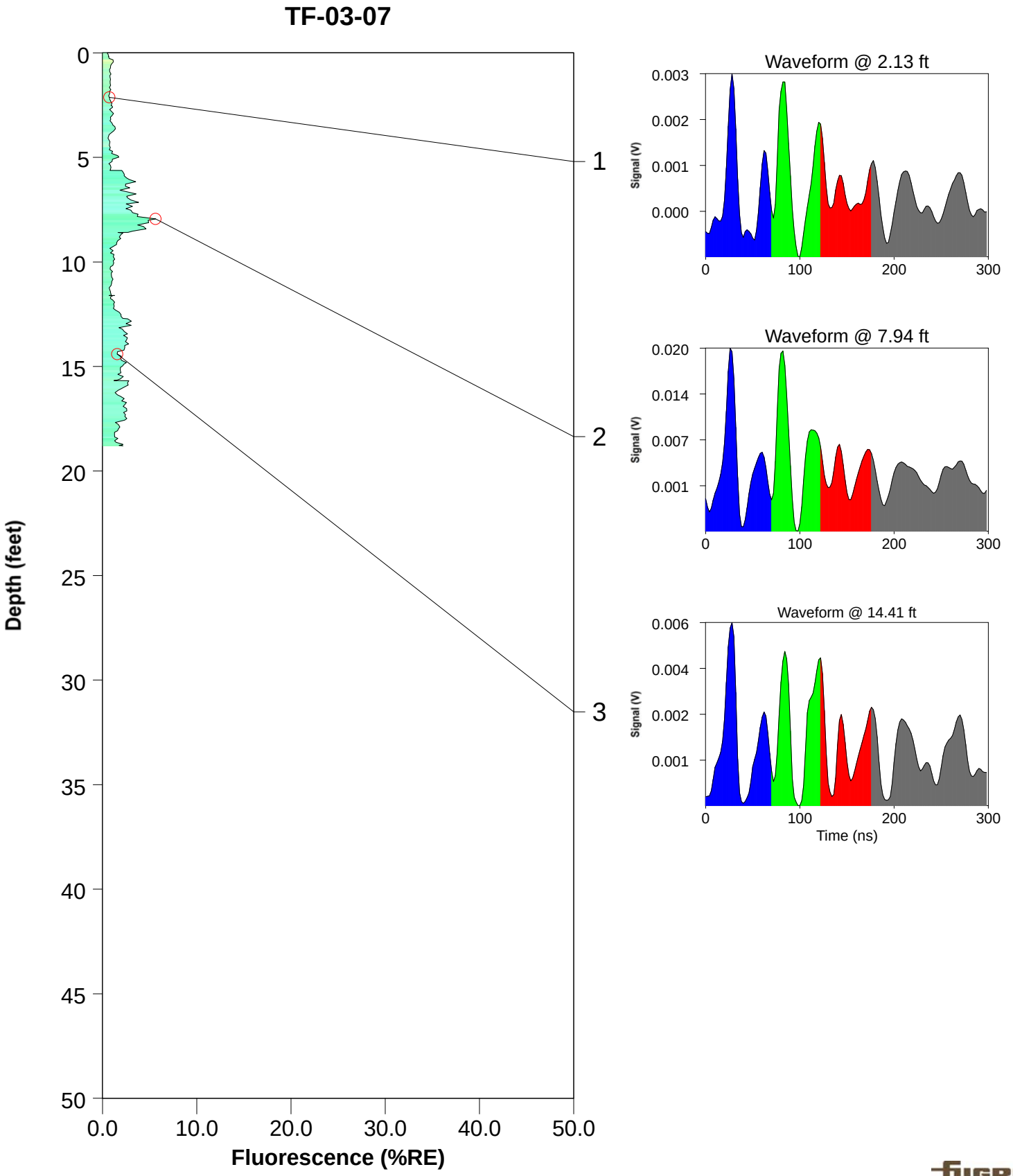
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 10:05:27 AM	Max fluorescence: 4.90% @ 6.69 ft
ROST Unit: 2	Final depth BGS: 7.30 ft



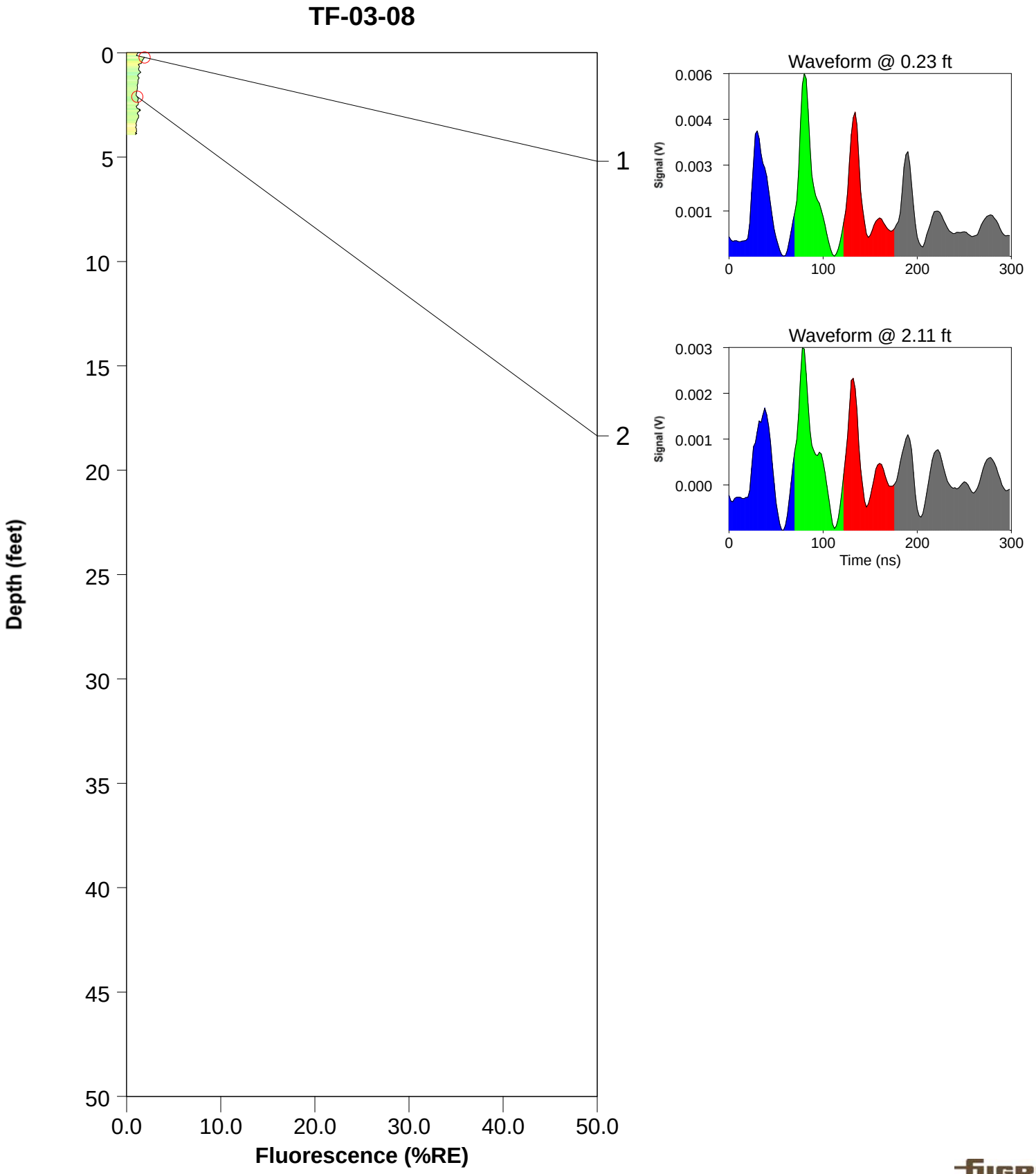
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 11:06:35 AM	Max fluorescence: 5.62% @ 7.94 ft
ROST Unit: 2	Final depth BGS: 18.80 ft



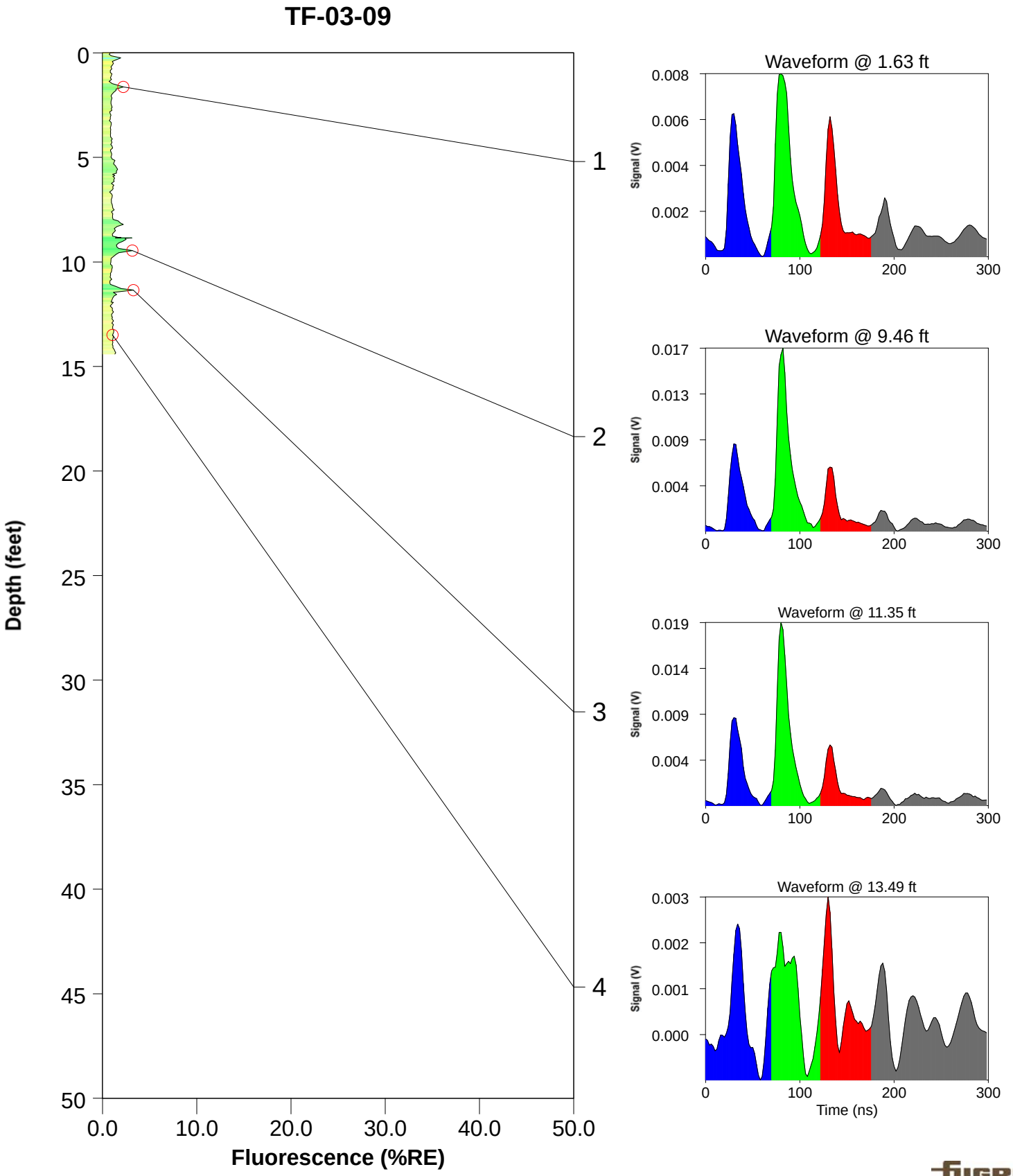
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 10:17:15 AM	Max fluorescence: 1.90% @ 0.23 ft
ROST Unit: 2	Final depth BGS: 3.93 ft



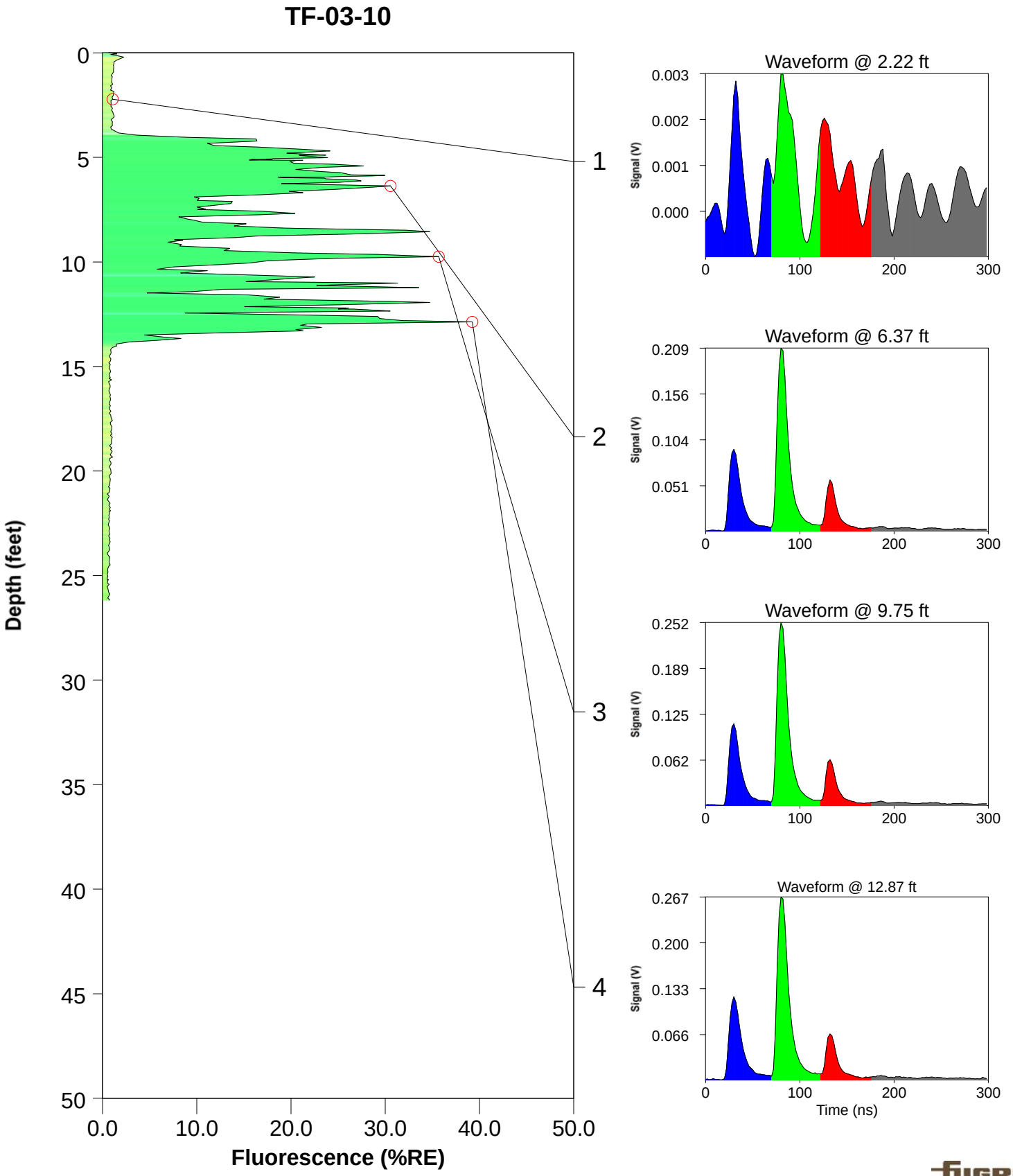
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 11:29:45 AM	Max fluorescence: 3.27% @ 11.35 ft
ROST Unit: 2	Final depth BGS: 14.41 ft



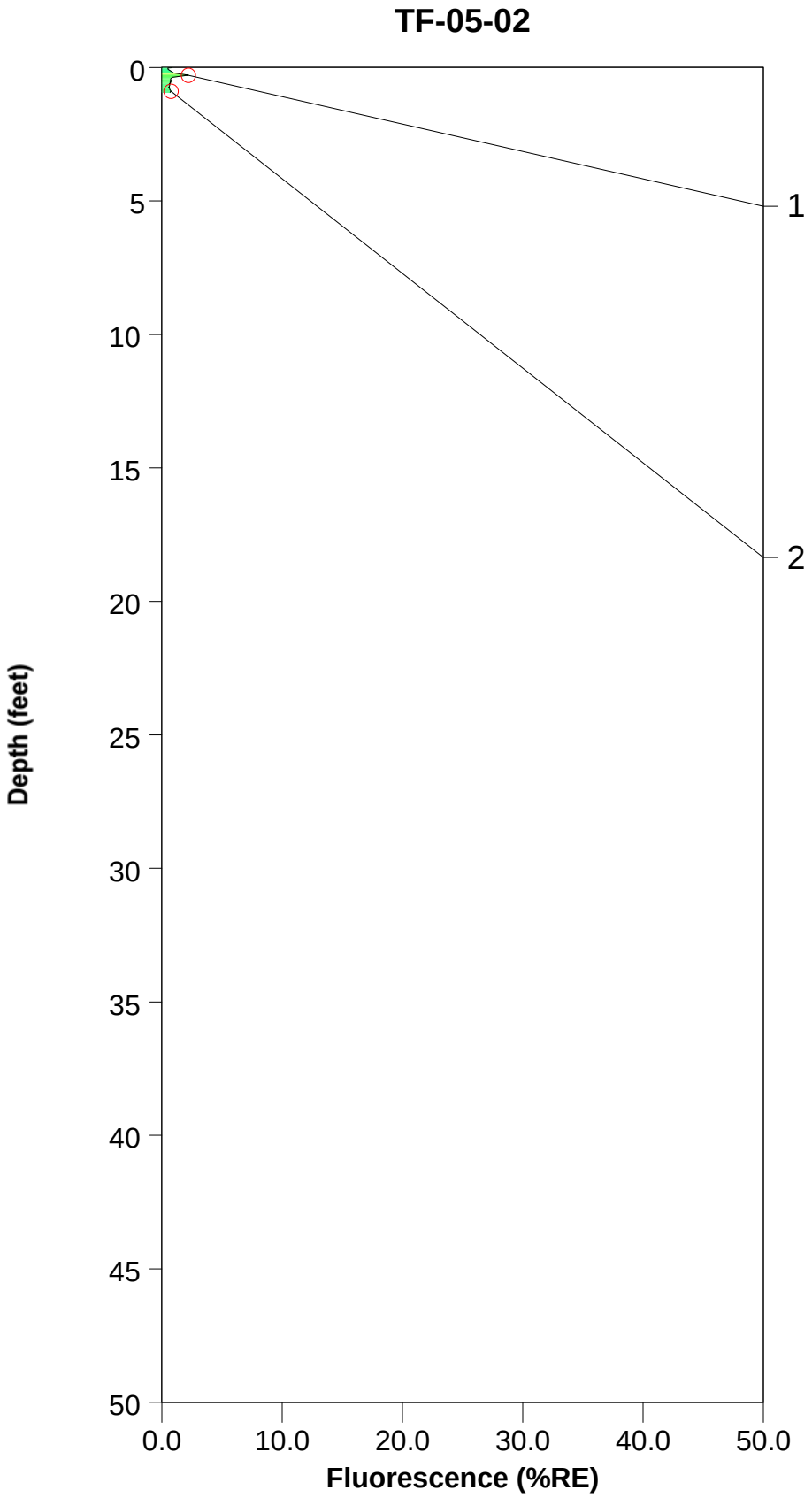
ROST Fluorescence Response Data

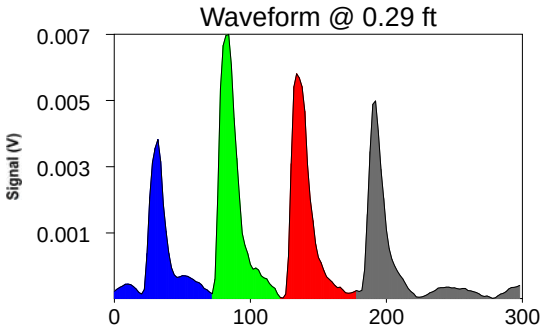
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 11:49:51 AM	Max fluorescence: 39.24% @ 12.87 ft
ROST Unit: 2	Final depth BGS: 26.18 ft

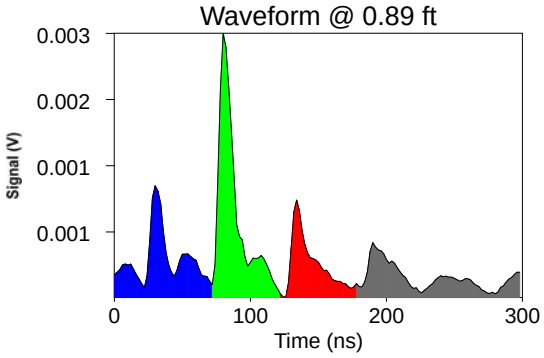


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 3:03:12 PM	Max fluorescence: 2.21% @ 0.29 ft
ROST Unit: 2	Final depth BGS: 0.94 ft

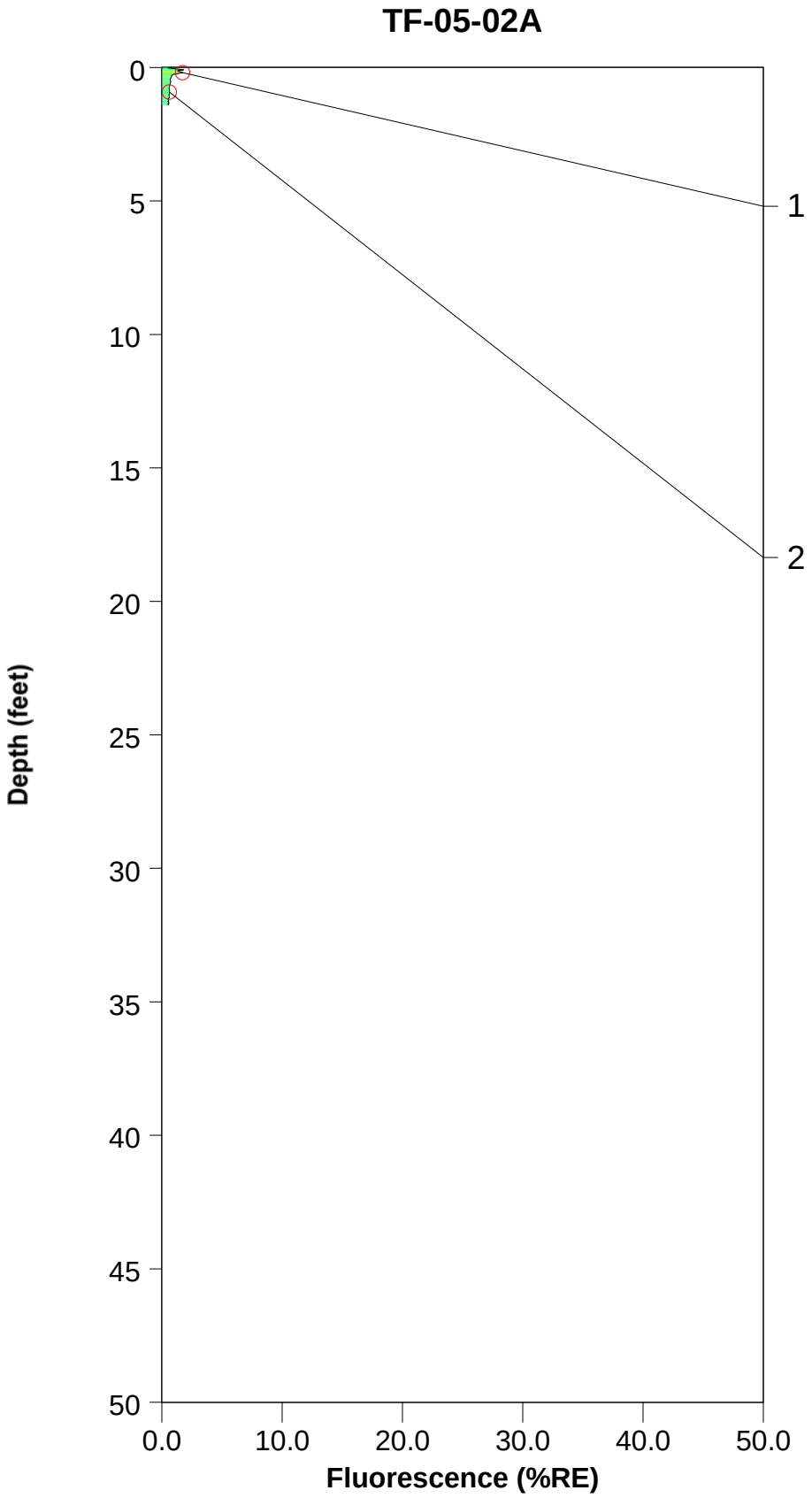


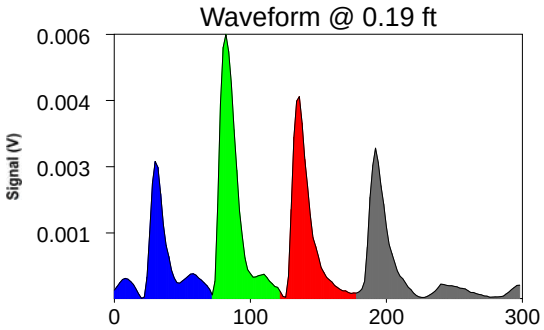


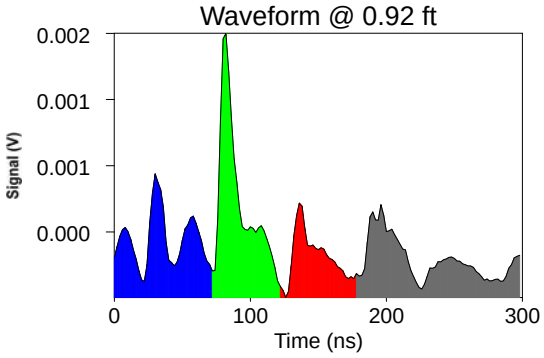


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 3:16:07 PM	Max fluorescence: 1.80% @ 0.09 ft
ROST Unit: 2	Final depth BGS: 1.40 ft

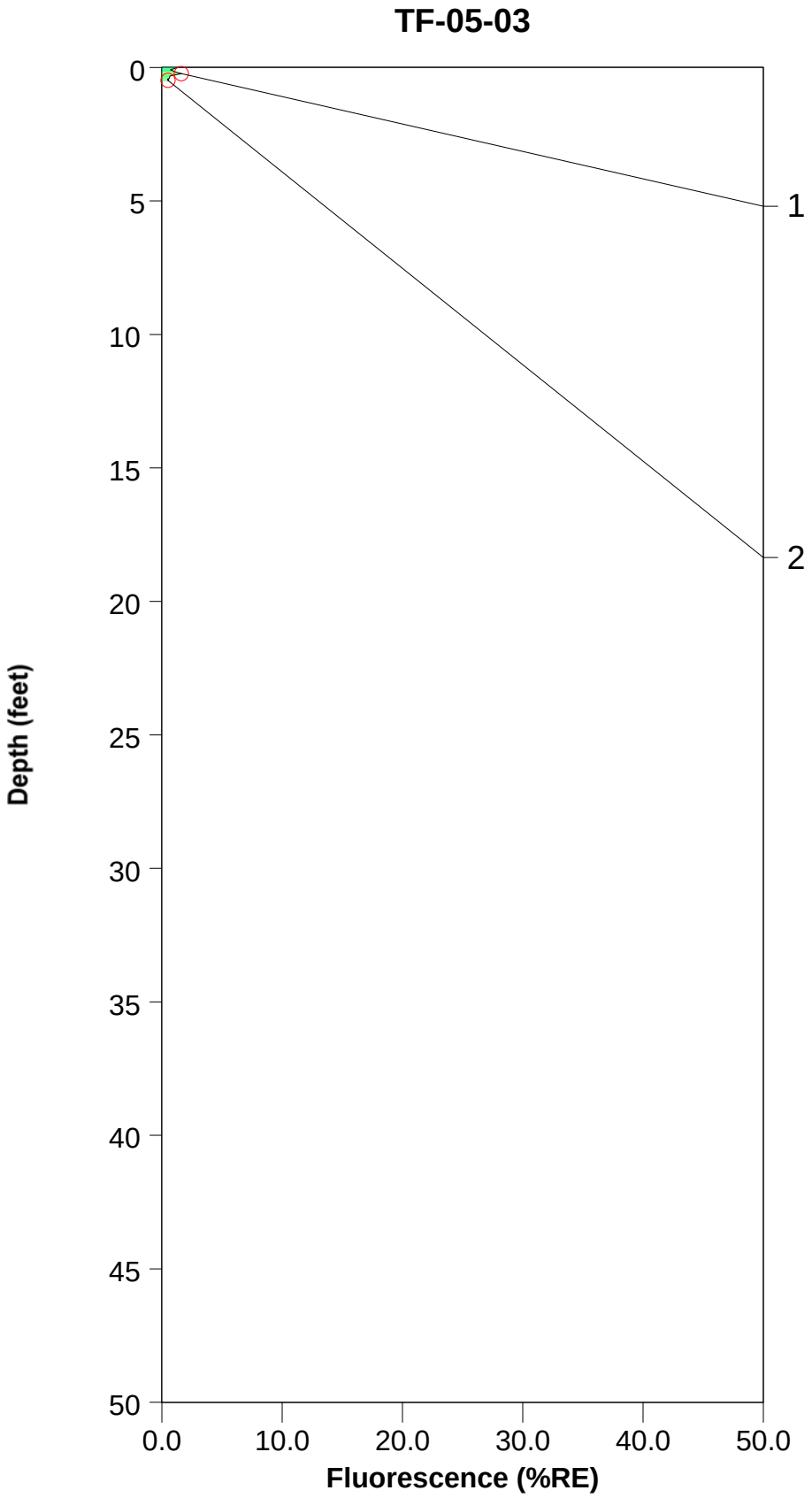


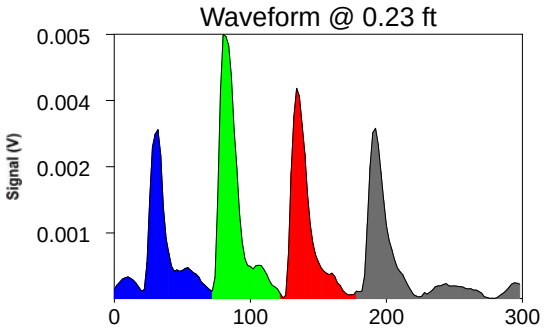


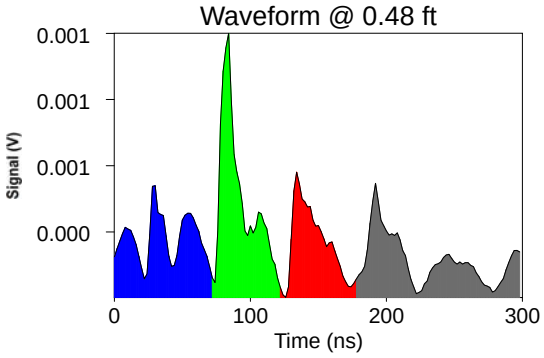


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 2:51:27 PM	Max fluorescence: 1.62% @ 0.23 ft
ROST Unit: 2	Final depth BGS: 0.49 ft

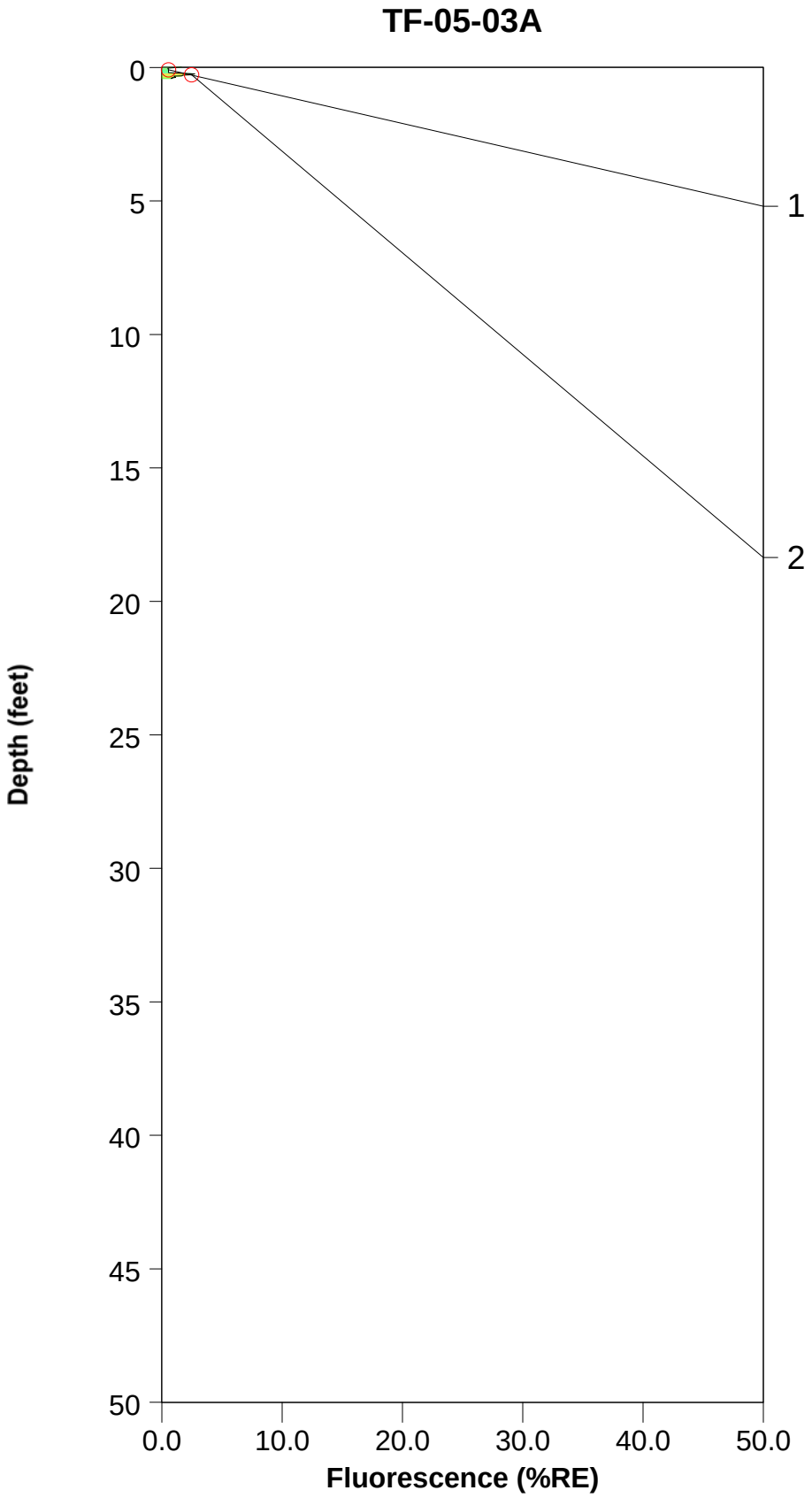


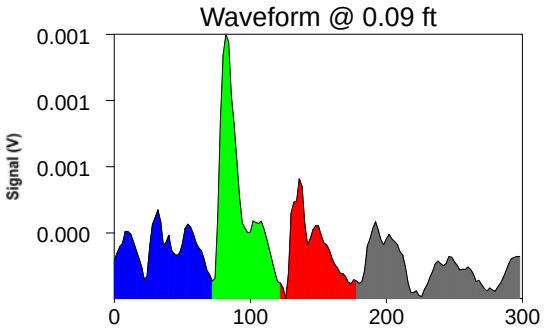


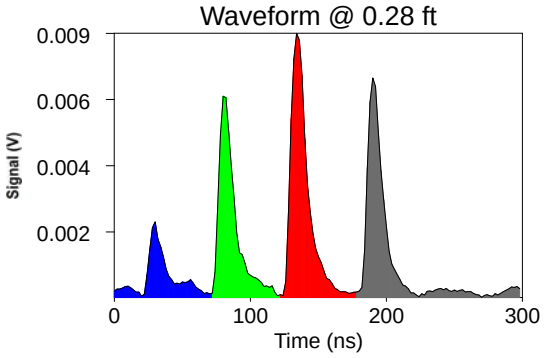


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 2:56:51 PM	Max fluorescence: 2.73% @ 0.24 ft
ROST Unit: 2	Final depth BGS: 0.41 ft

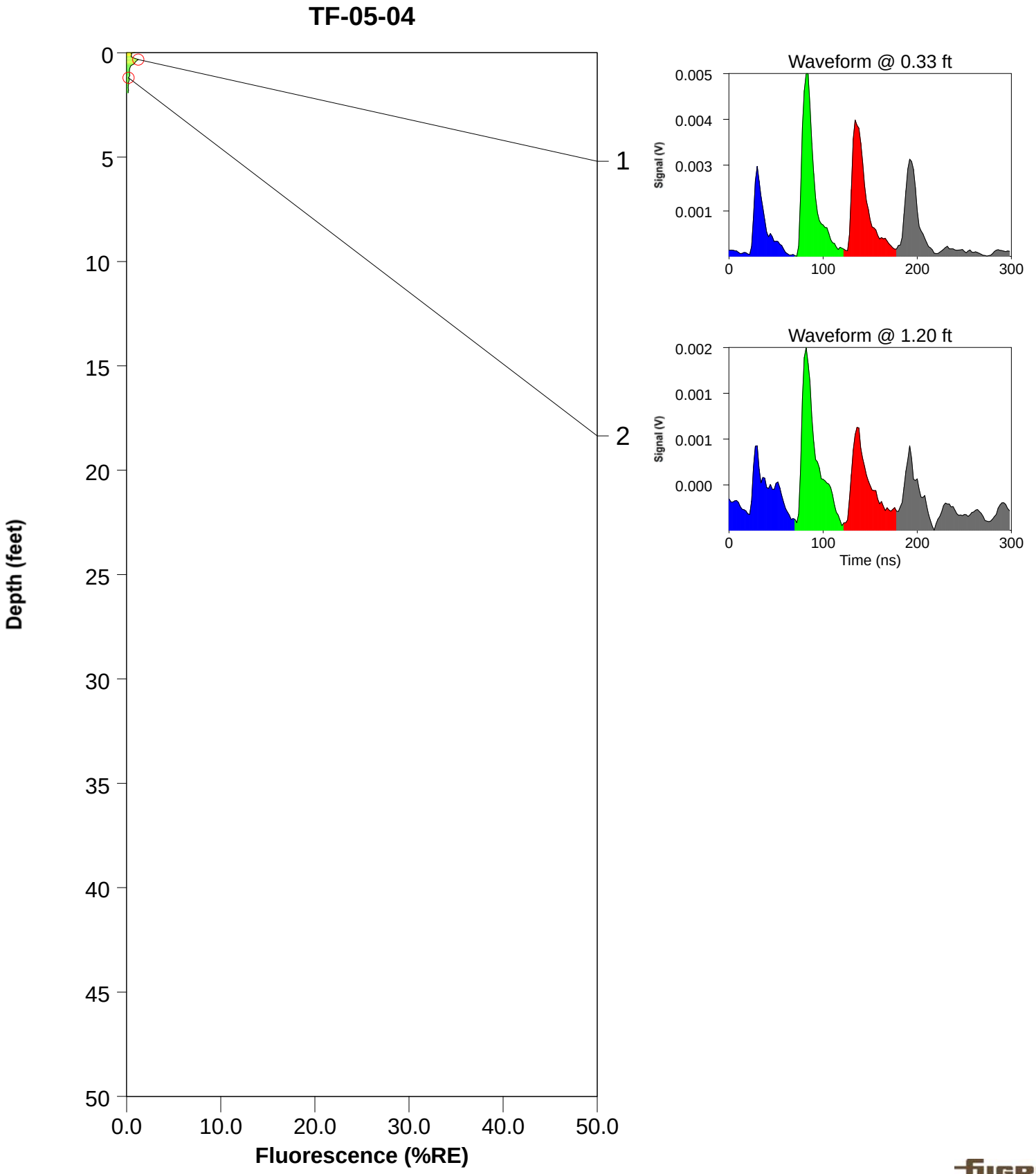






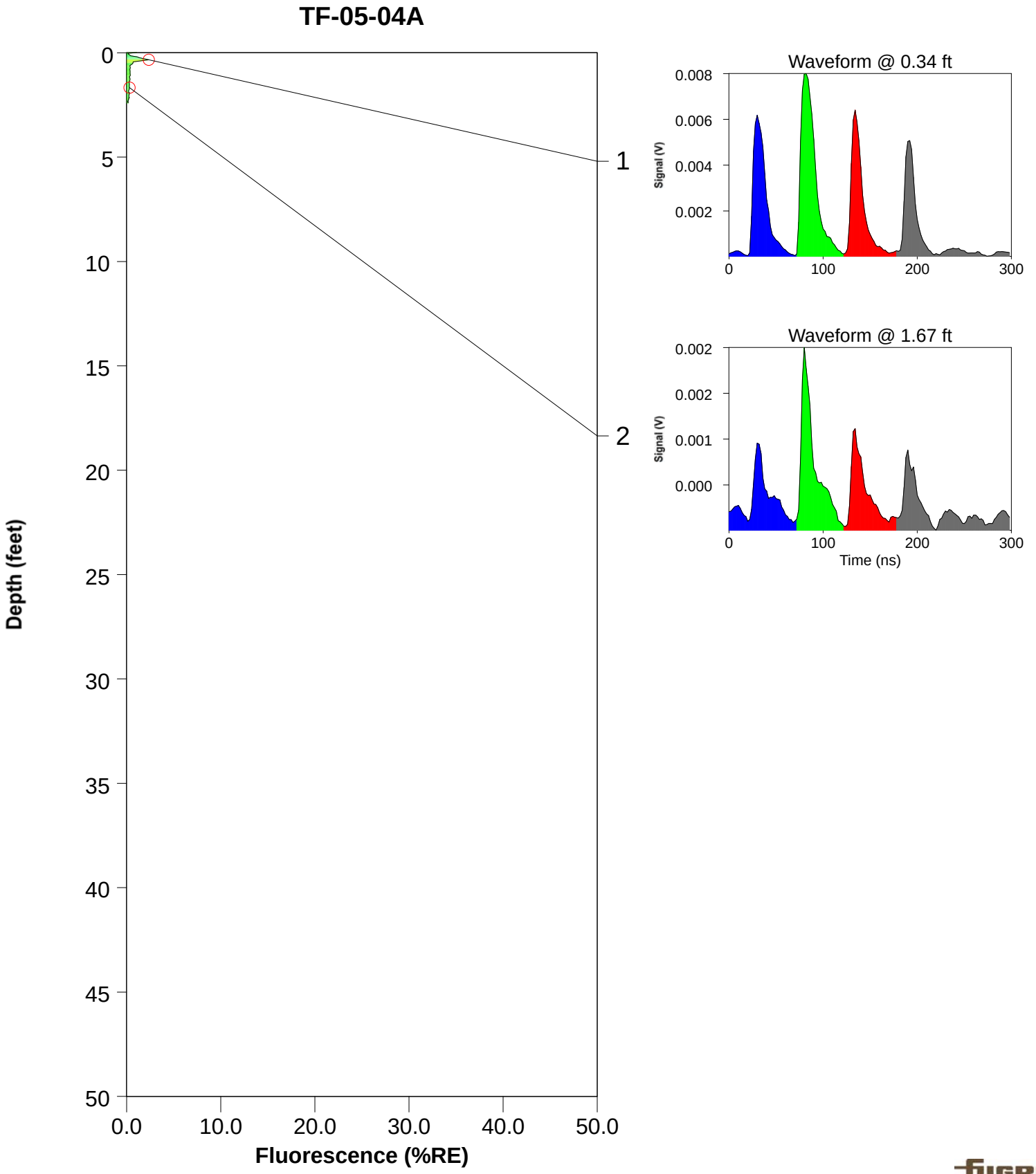
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 2:38:16 PM	Max fluorescence: 1.24% @ 0.33 ft
ROST Unit: 2	Final depth BGS: 1.92 ft



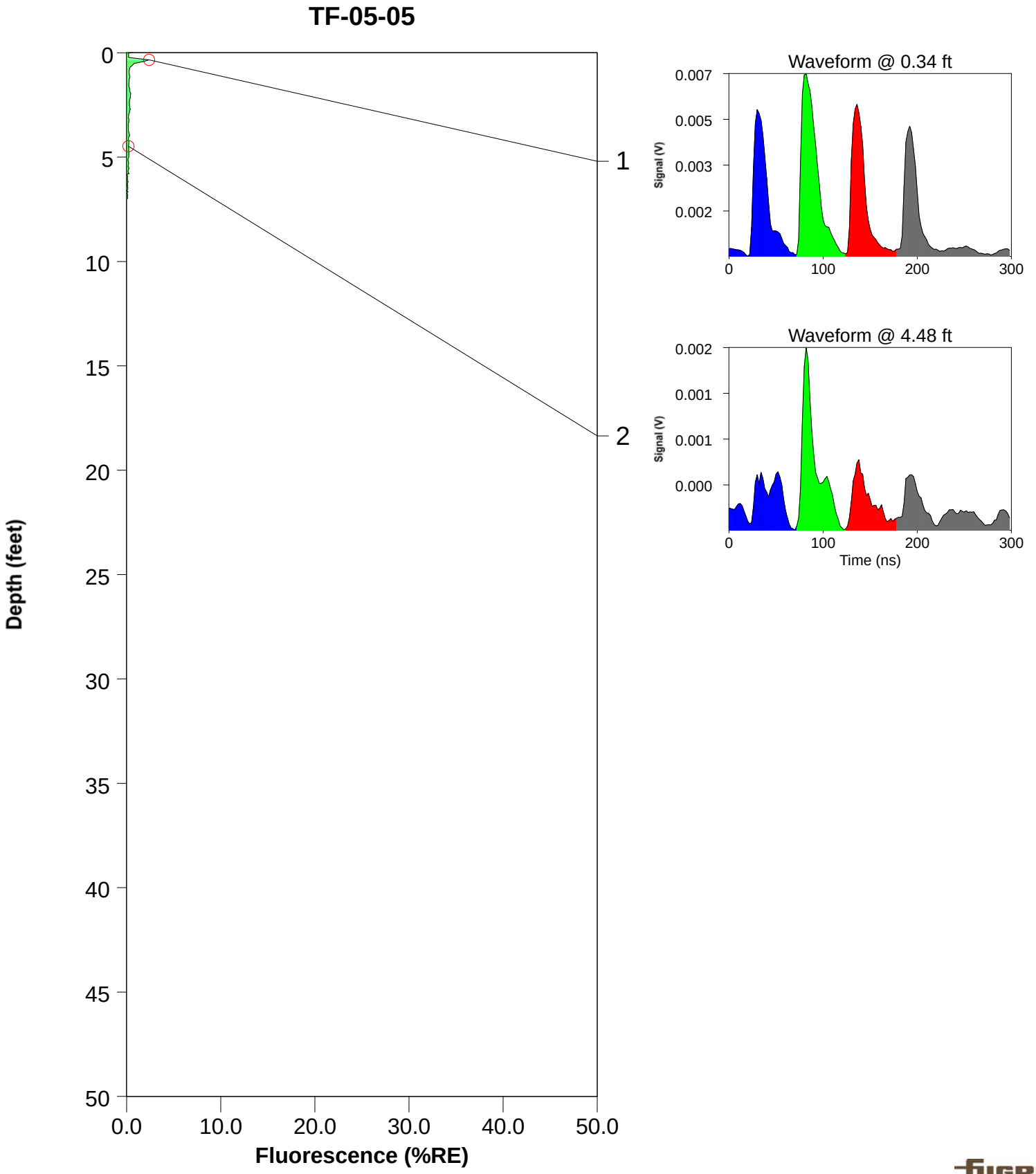
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 2:44:05 PM	Max fluorescence: 2.35% @ 0.34 ft
ROST Unit: 2	Final depth BGS: 2.40 ft



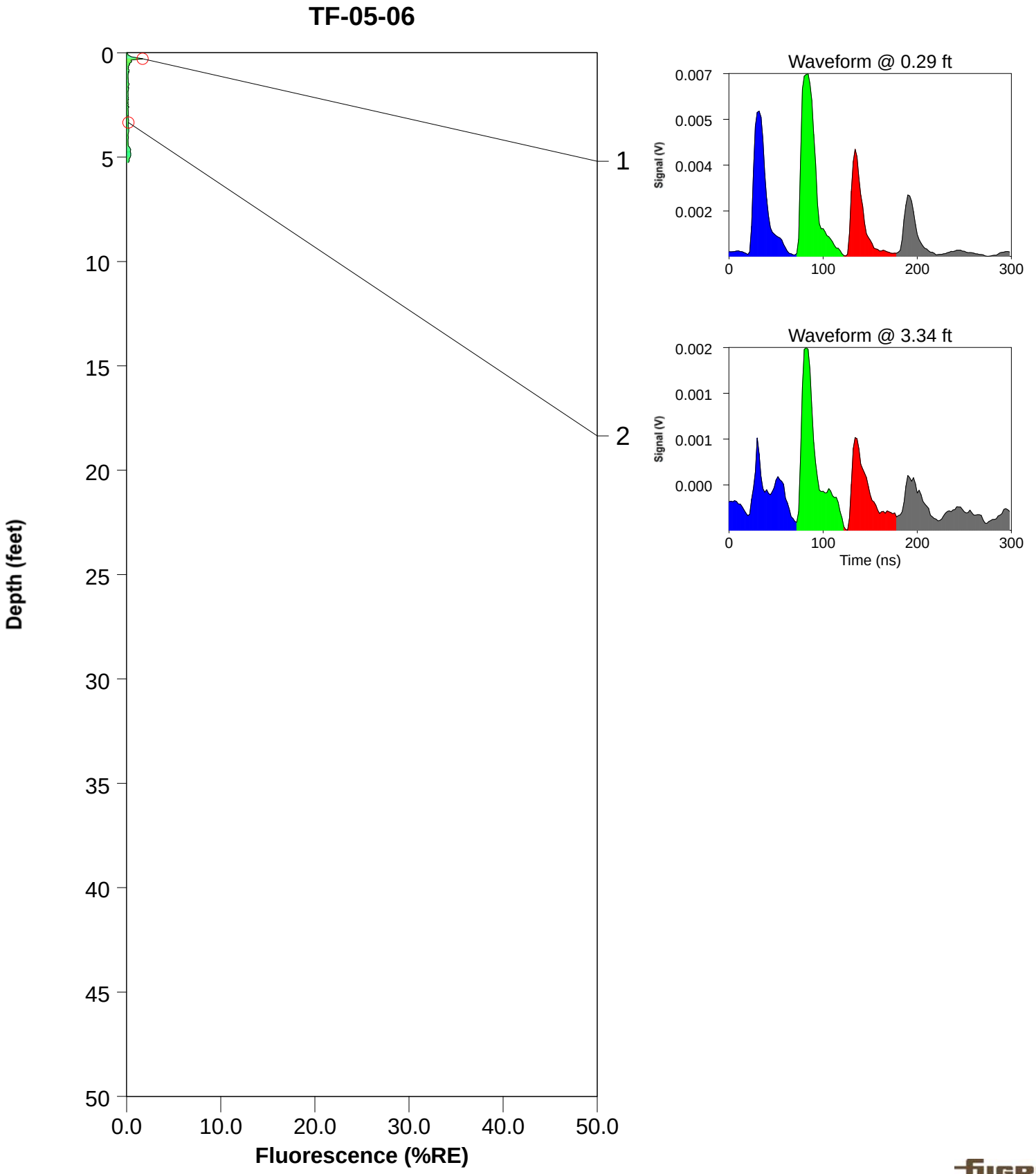
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 1:54:03 PM	Max fluorescence: 2.38% @ 0.34 ft
ROST Unit: 2	Final depth BGS: 7.00 ft



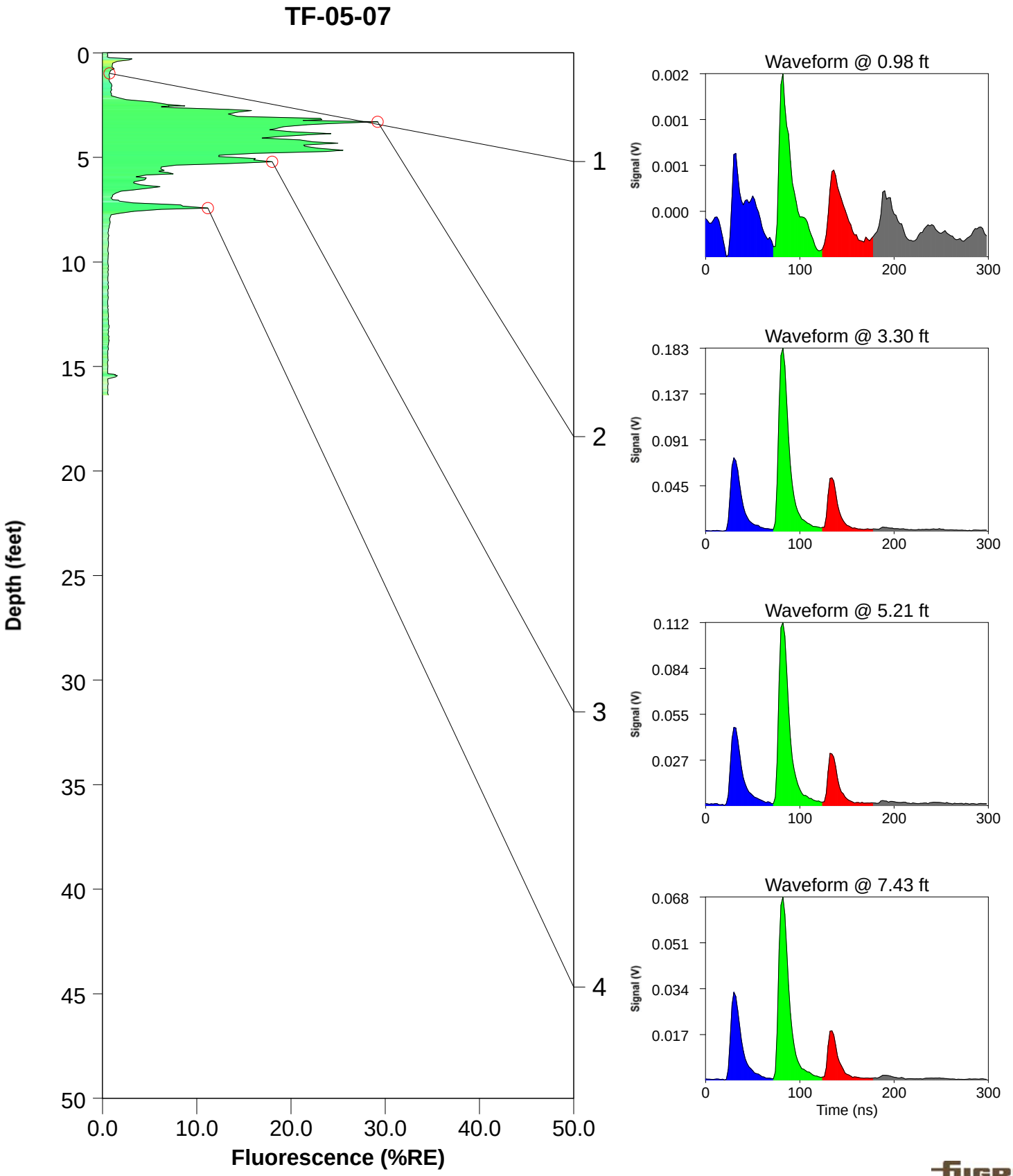
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 2:11:50 PM	Max fluorescence: 1.70% @ 0.29 ft
ROST Unit: 2	Final depth BGS: 5.26 ft



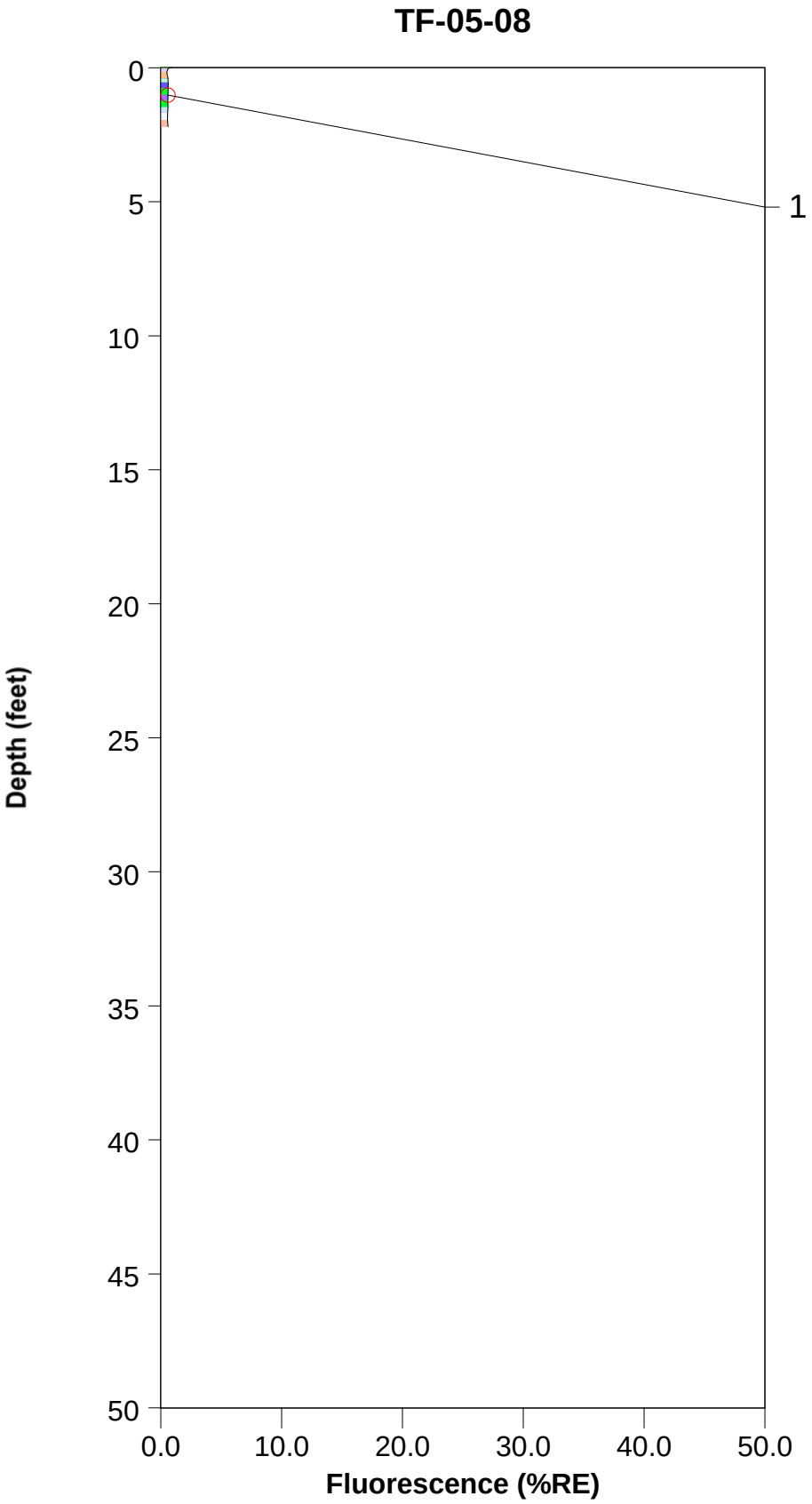
ROST Fluorescence Response Data

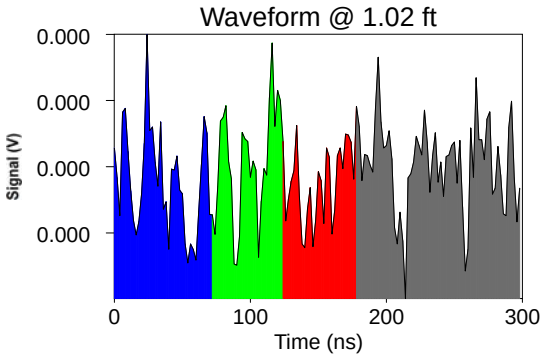
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 12:20:30 PM	Max fluorescence: 29.19% @ 3.30 ft
ROST Unit: 2	Final depth BGS: 16.36 ft



ROST Fluorescence Response Data

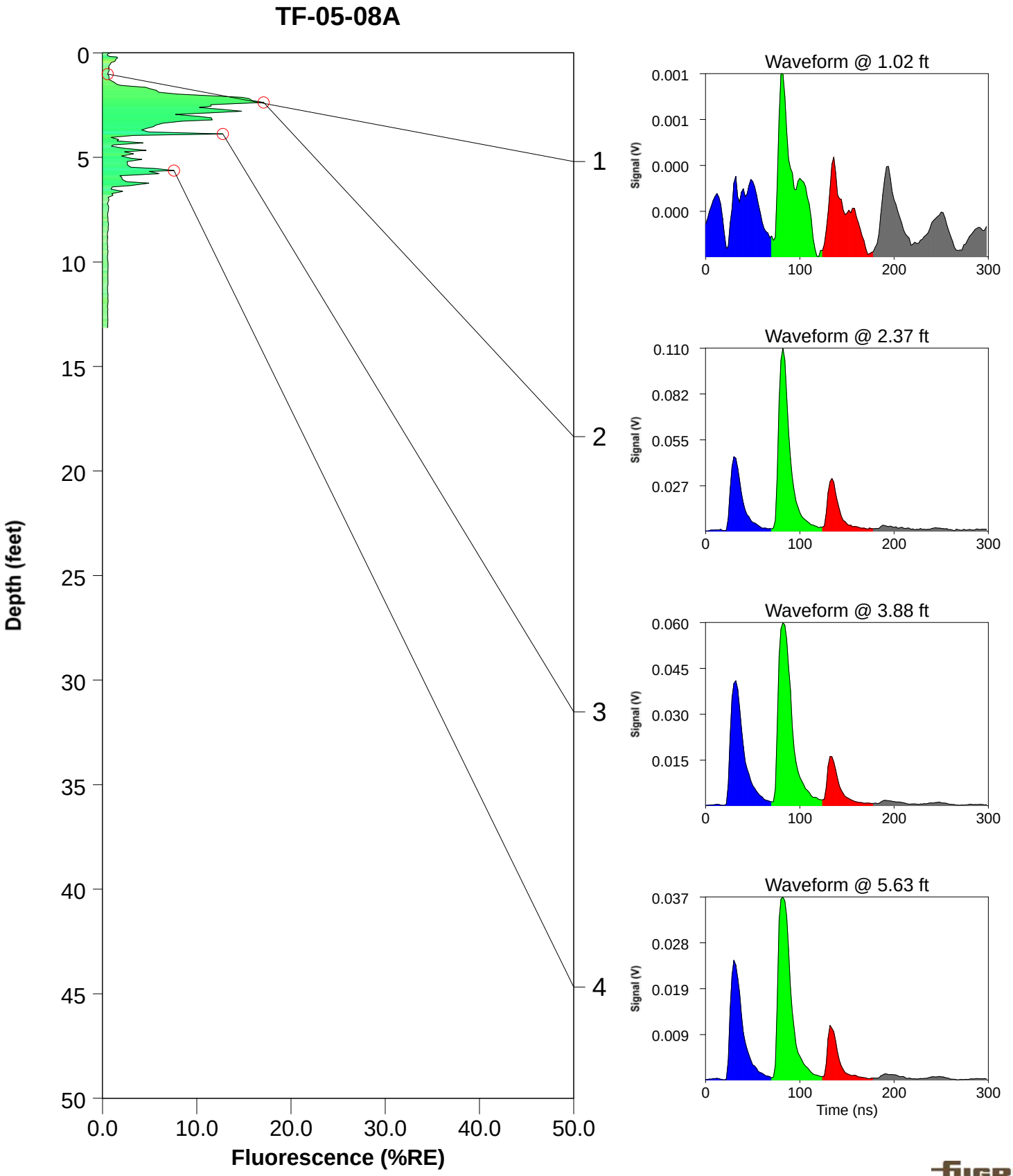
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 12:39:02 PM	Max fluorescence: 0.93% @ 0.00 ft
ROST Unit: 2	Final depth BGS: 2.19 ft





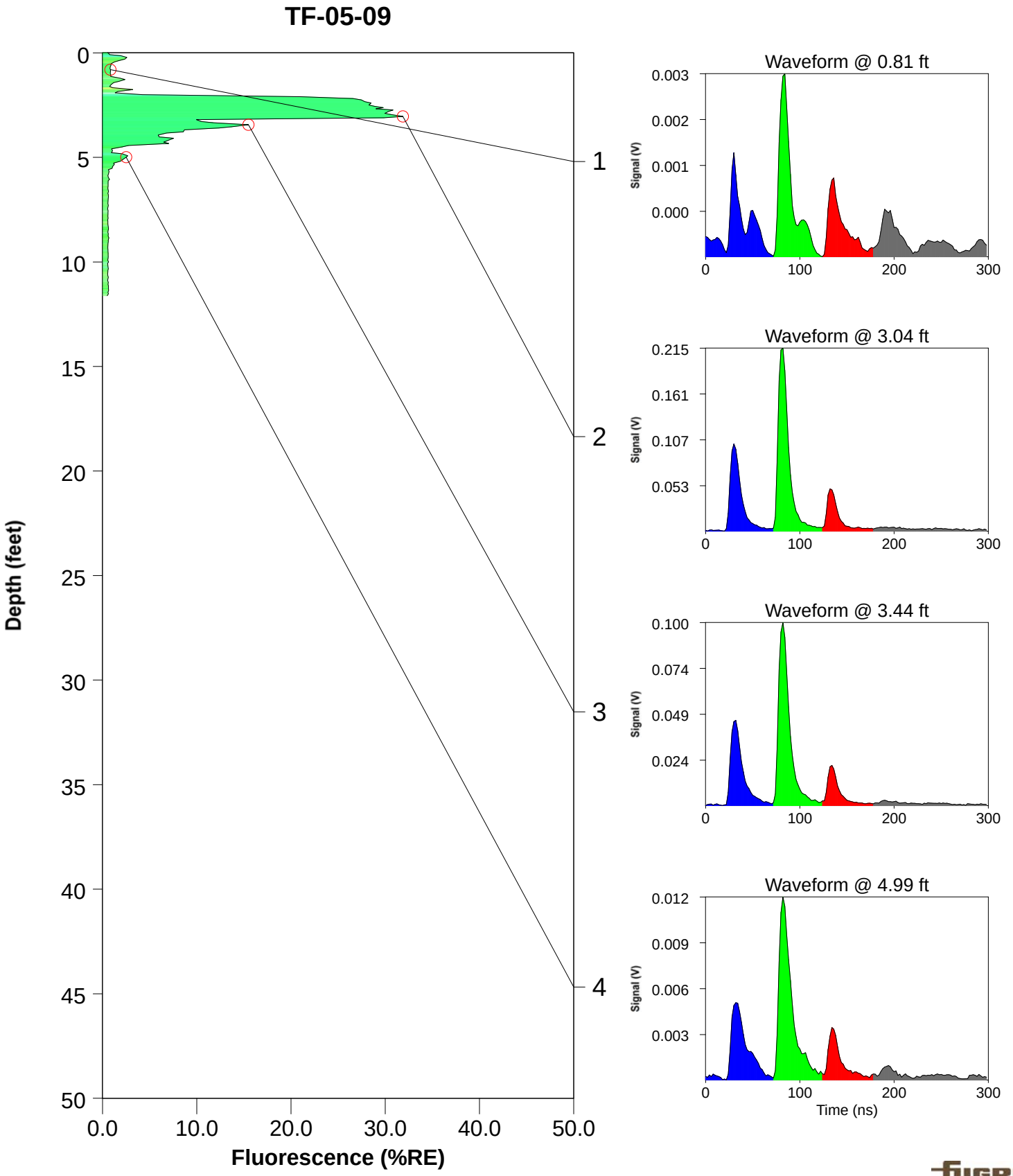
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 12:51:08 PM	Max fluorescence: 17.09% @ 2.37 ft
ROST Unit: 2	Final depth BGS: 13.15 ft



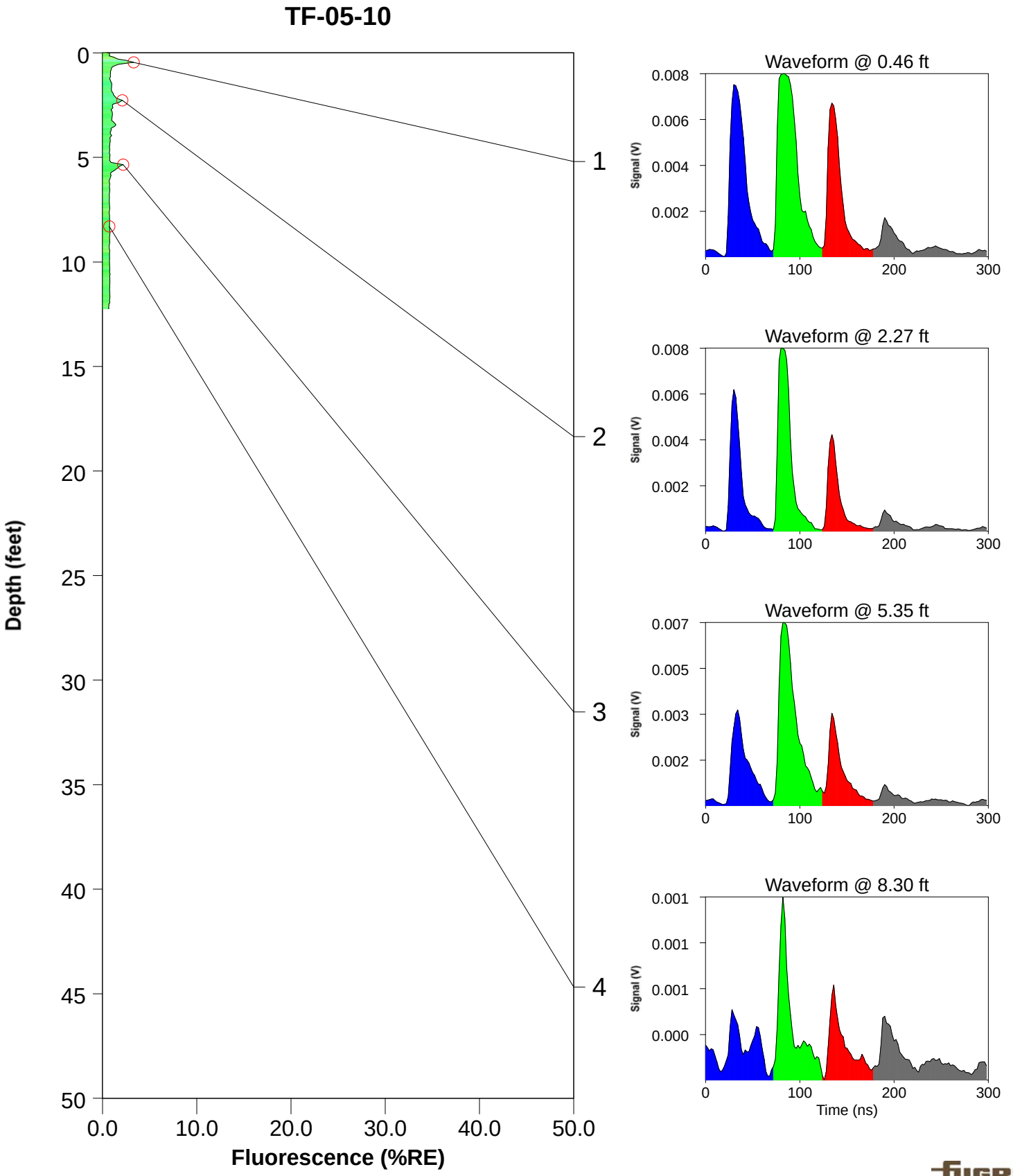
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 1:29:01 PM	Max fluorescence: 31.87% @ 3.04 ft
ROST Unit: 2	Final depth BGS: 11.62 ft



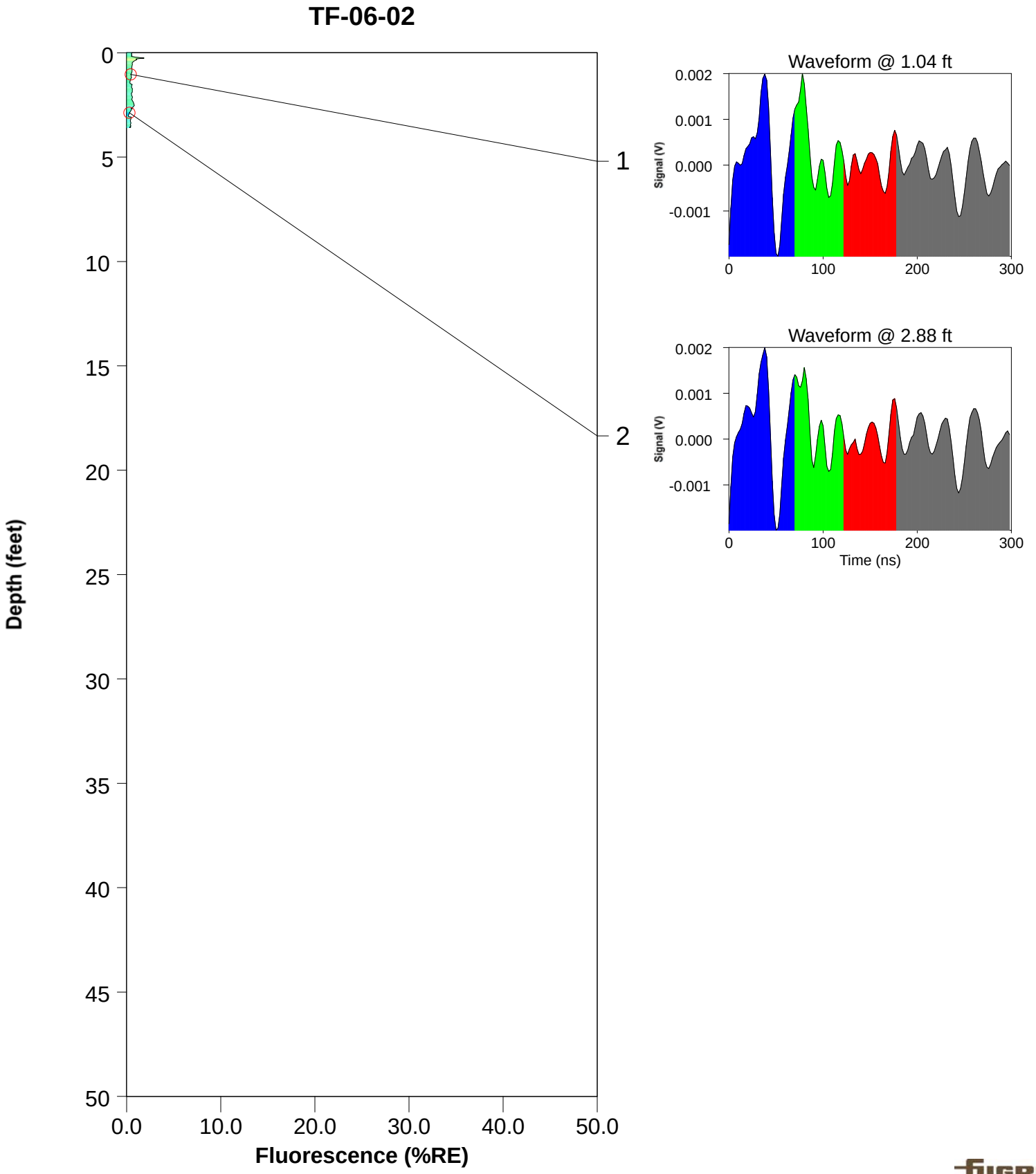
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 1:15:05 PM	Max fluorescence: 3.30% @ 0.46 ft
ROST Unit: 2	Final depth BGS: 12.24 ft



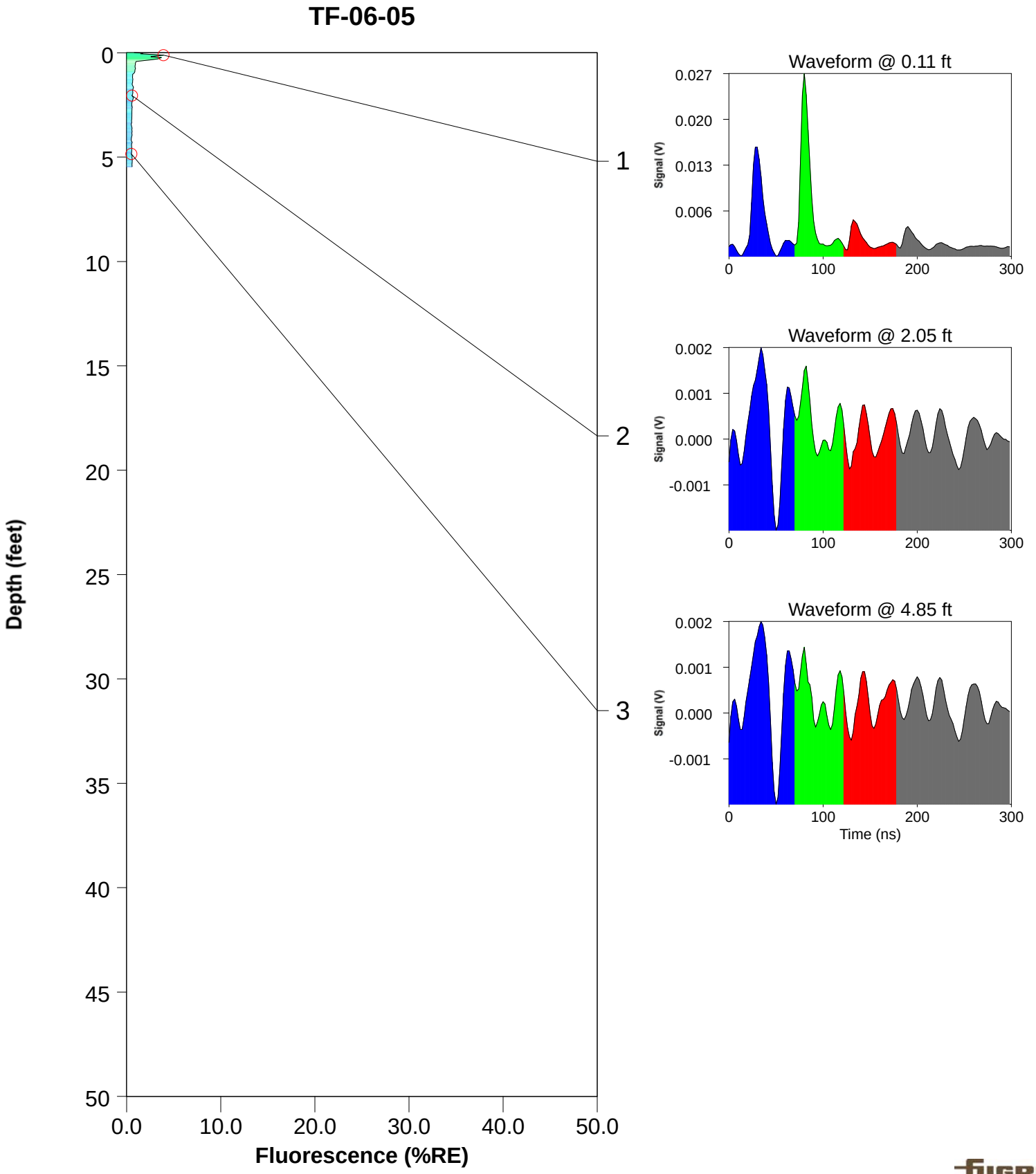
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 8:54:11 AM	Max fluorescence: 1.85% @ 0.26 ft
ROST Unit: 2	Final depth BGS: 3.59 ft



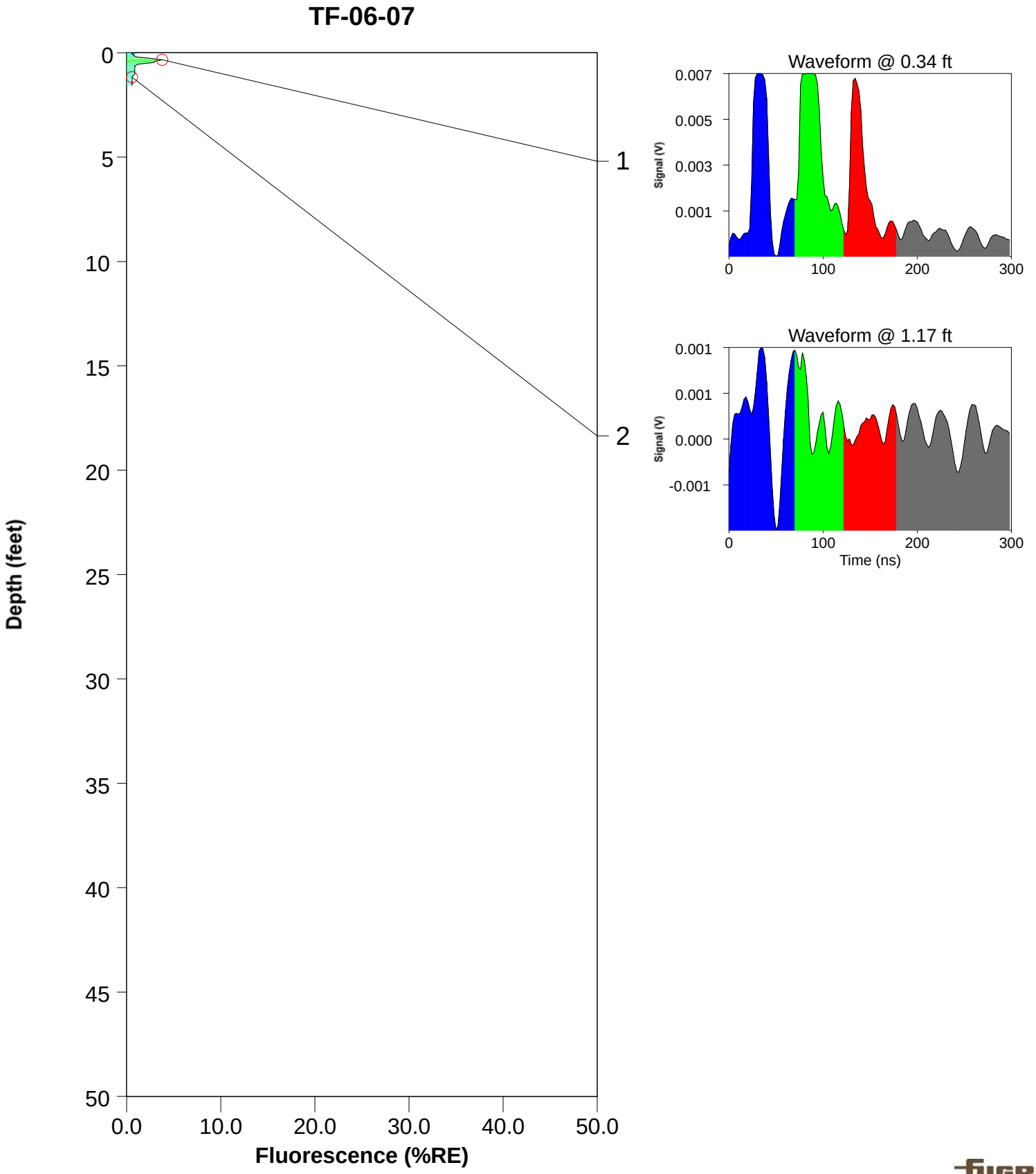
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 8:43:32 AM	Max fluorescence: 3.91% @ 0.11 ft
ROST Unit: 2	Final depth BGS: 5.46 ft



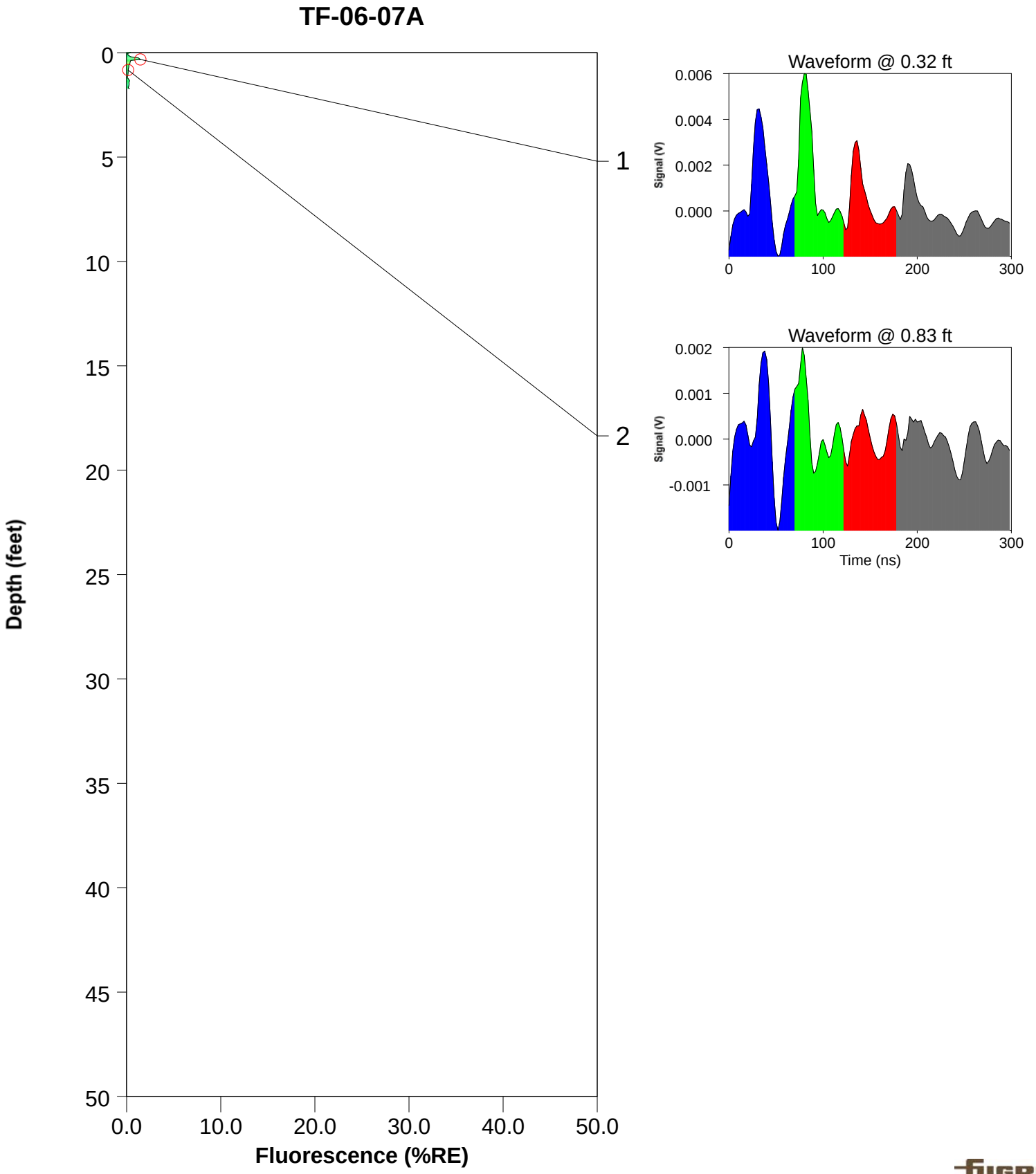
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 8:30:28 AM	Max fluorescence: 3.77% @ 0.34 ft
ROST Unit: 2	Final depth BGS: 1.55 ft



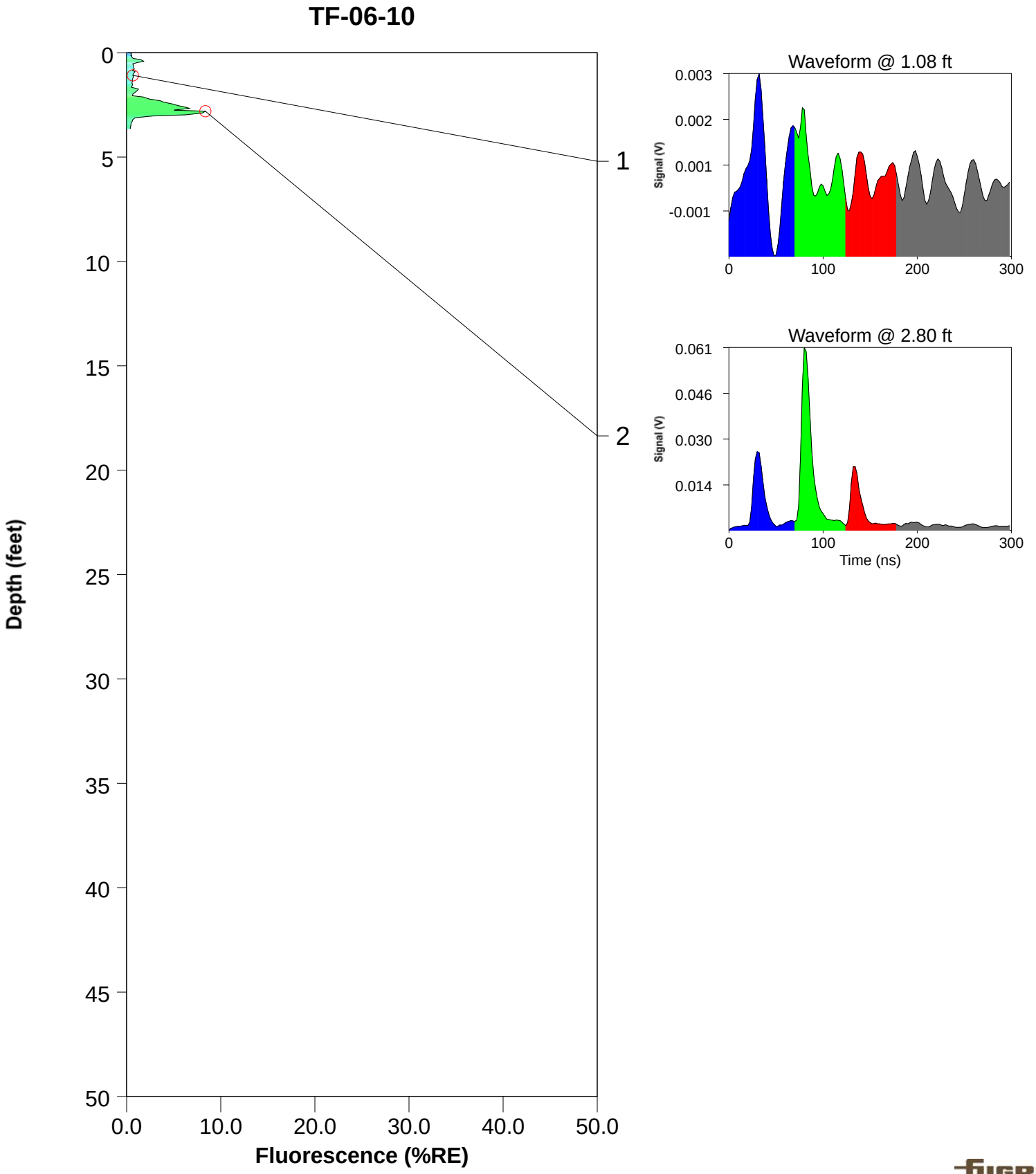
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 8:36:31 AM	Max fluorescence: 1.46% @ 0.32 ft
ROST Unit: 2	Final depth BGS: 1.72 ft



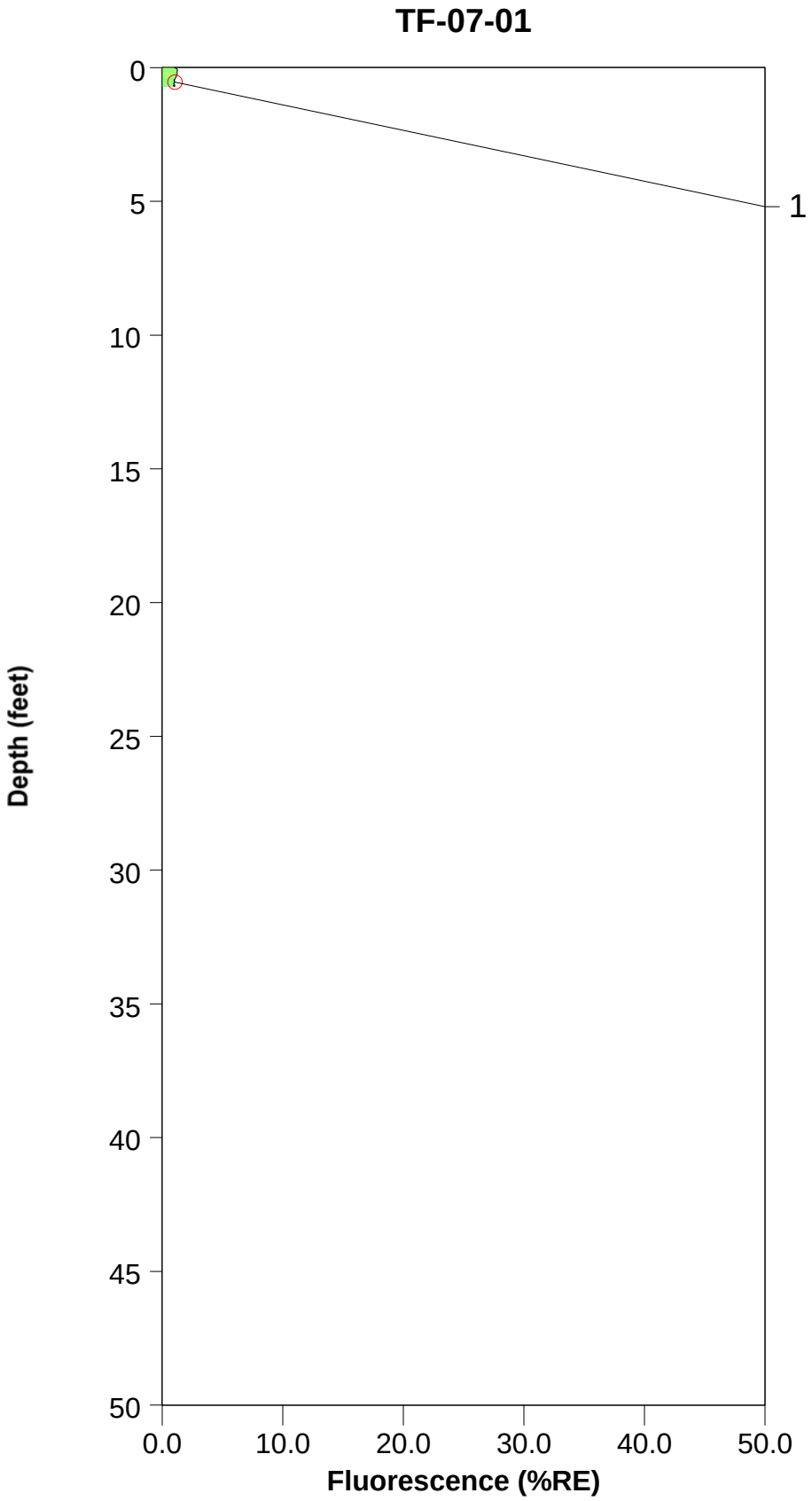
ROST Fluorescence Response Data

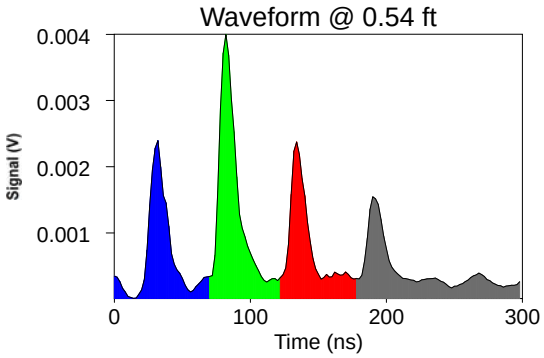
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 8:08:11 AM	Max fluorescence: 8.36% @ 2.80 ft
ROST Unit: 2	Final depth BGS: 3.64 ft



ROST Fluorescence Response Data

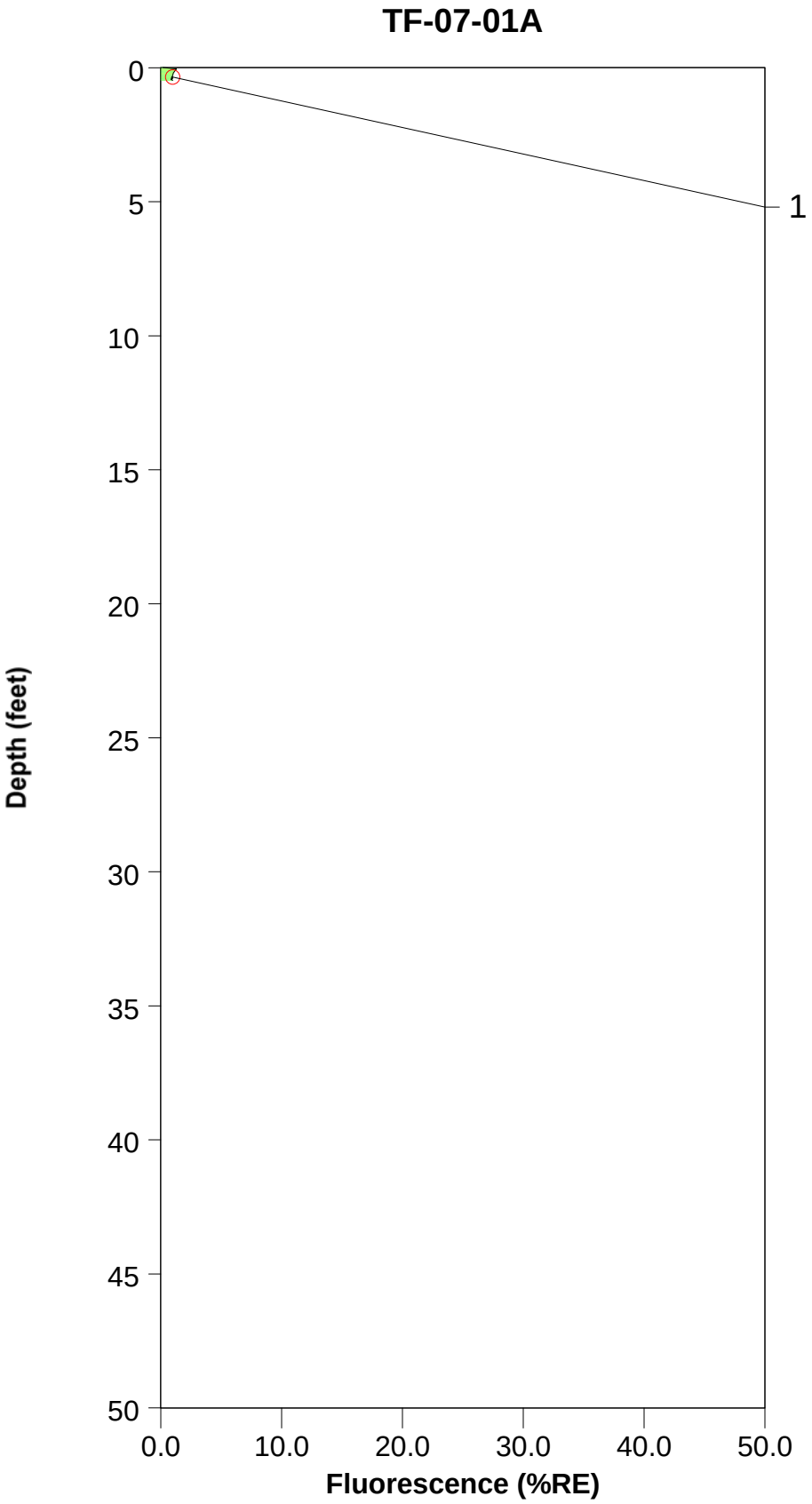
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 12:42:06 PM	Max fluorescence: 1.26% @ 0.07 ft
ROST Unit: ?	Final depth BGS: 0.70 ft

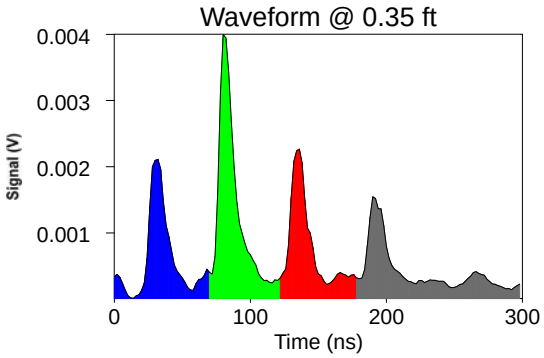




ROST Fluorescence Response Data

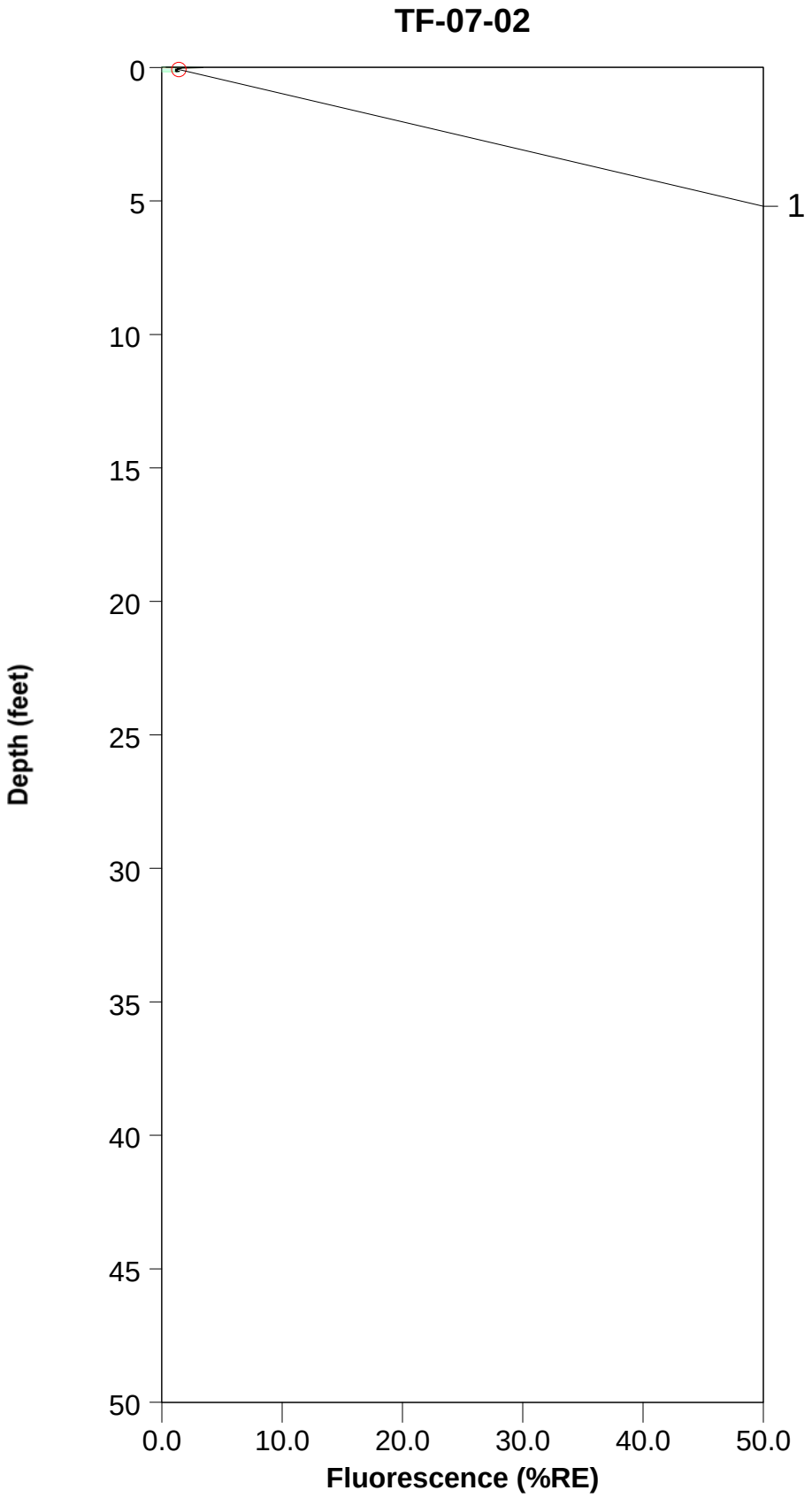
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 12:50:17 PM	Max fluorescence: 1.30% @ 0.05 ft
ROST Unit: ?	Final depth BGS: 0.47 ft

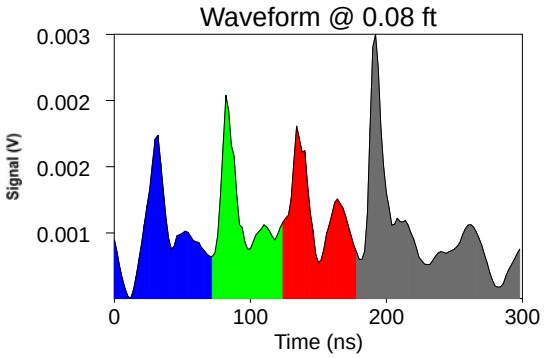




ROST Fluorescence Response Data

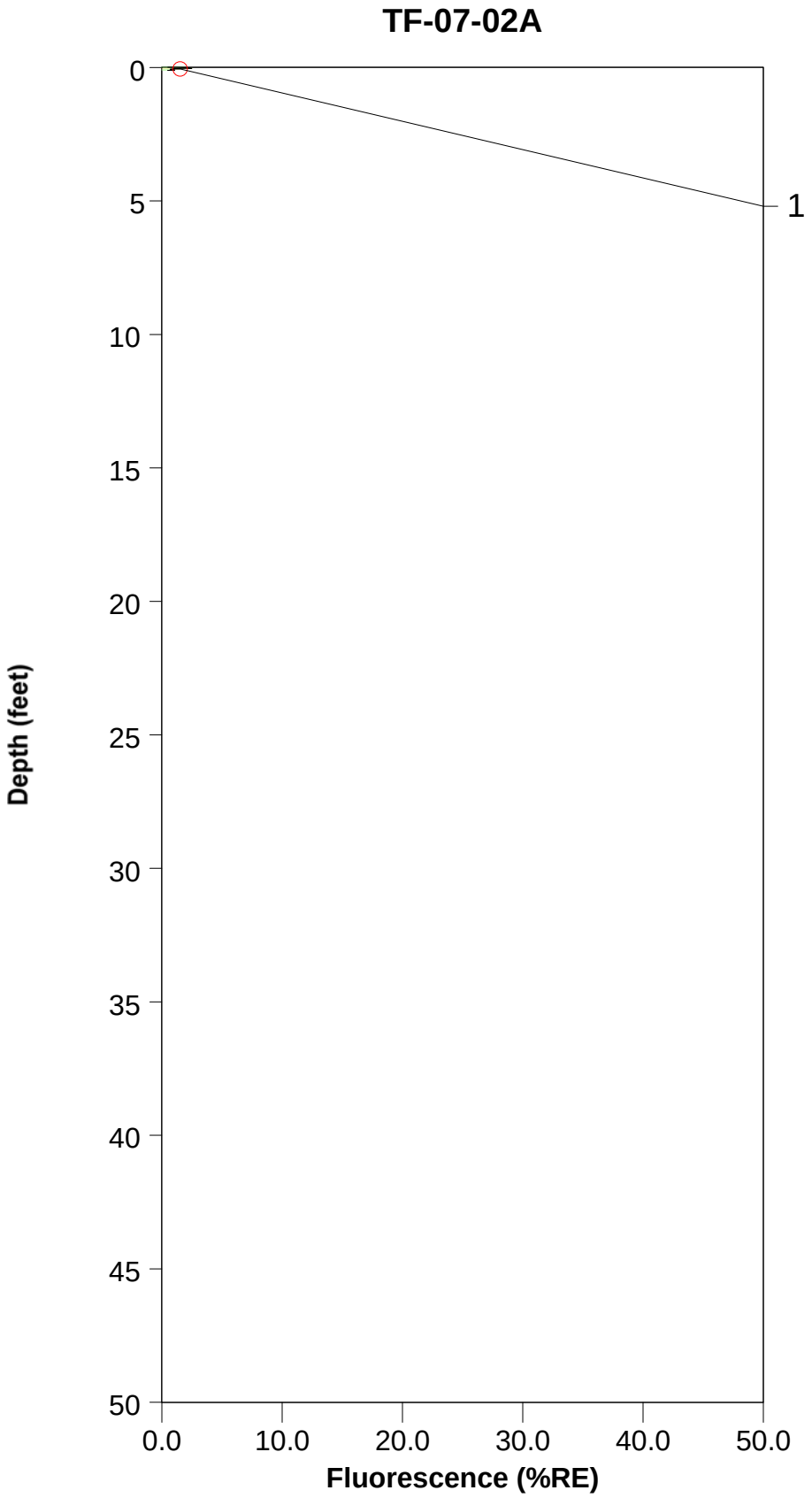
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 9:19:06 AM	Max fluorescence: 3.43% @ 0.01 ft
ROST Unit: ?	Final depth BGS: 0.16 ft

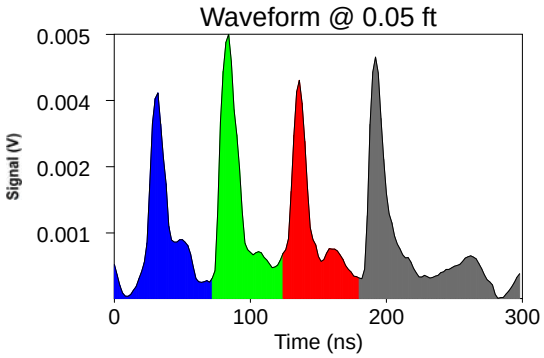




ROST Fluorescence Response Data

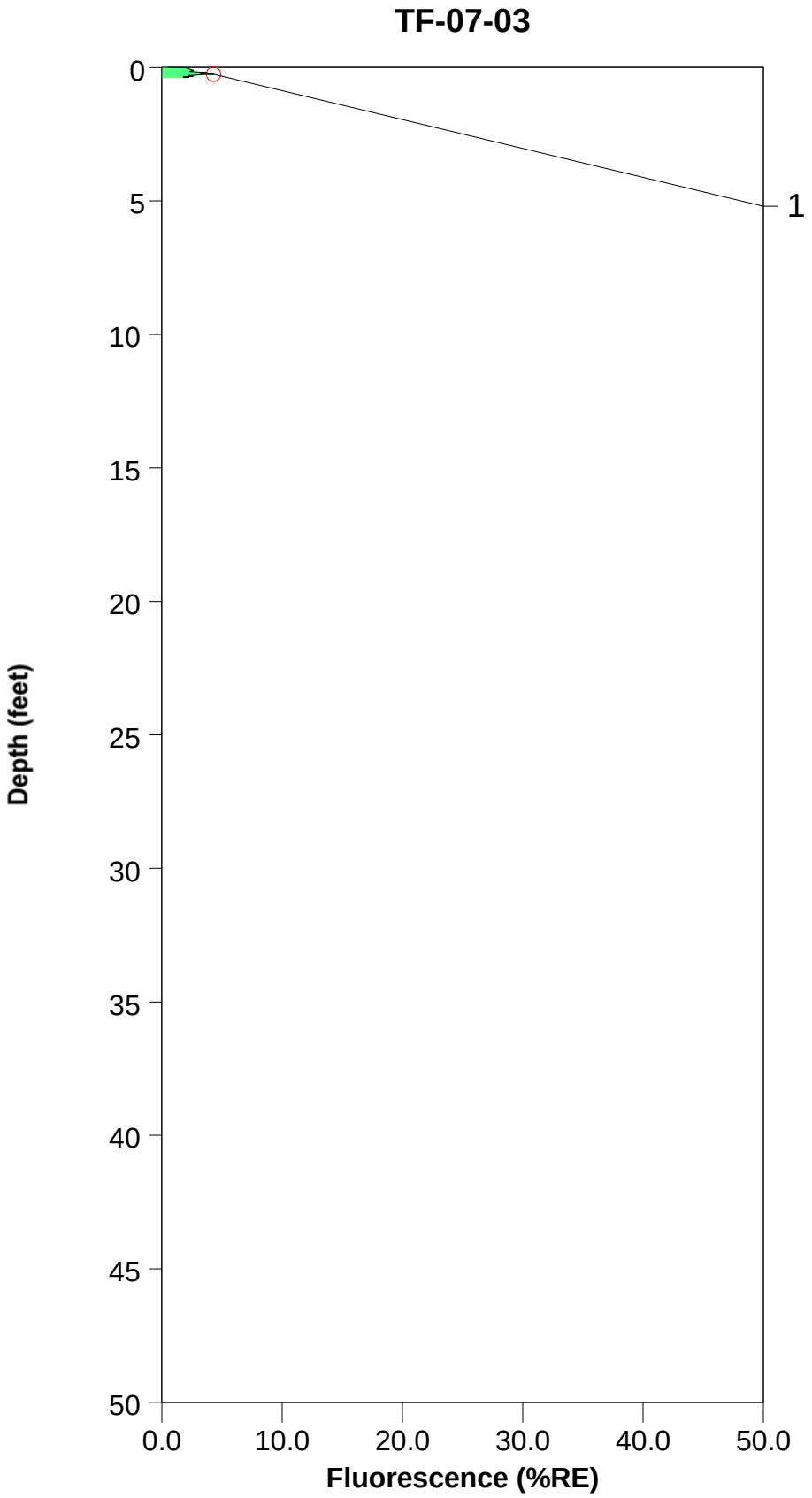
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 9:25:48 AM	Max fluorescence: 2.49% @ 0.03 ft
ROST Unit: ?	Final depth BGS: 0.11 ft

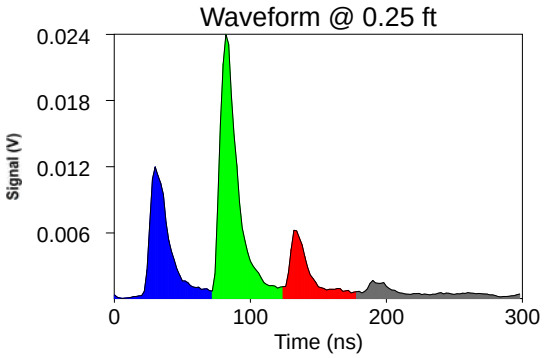




ROST Fluorescence Response Data

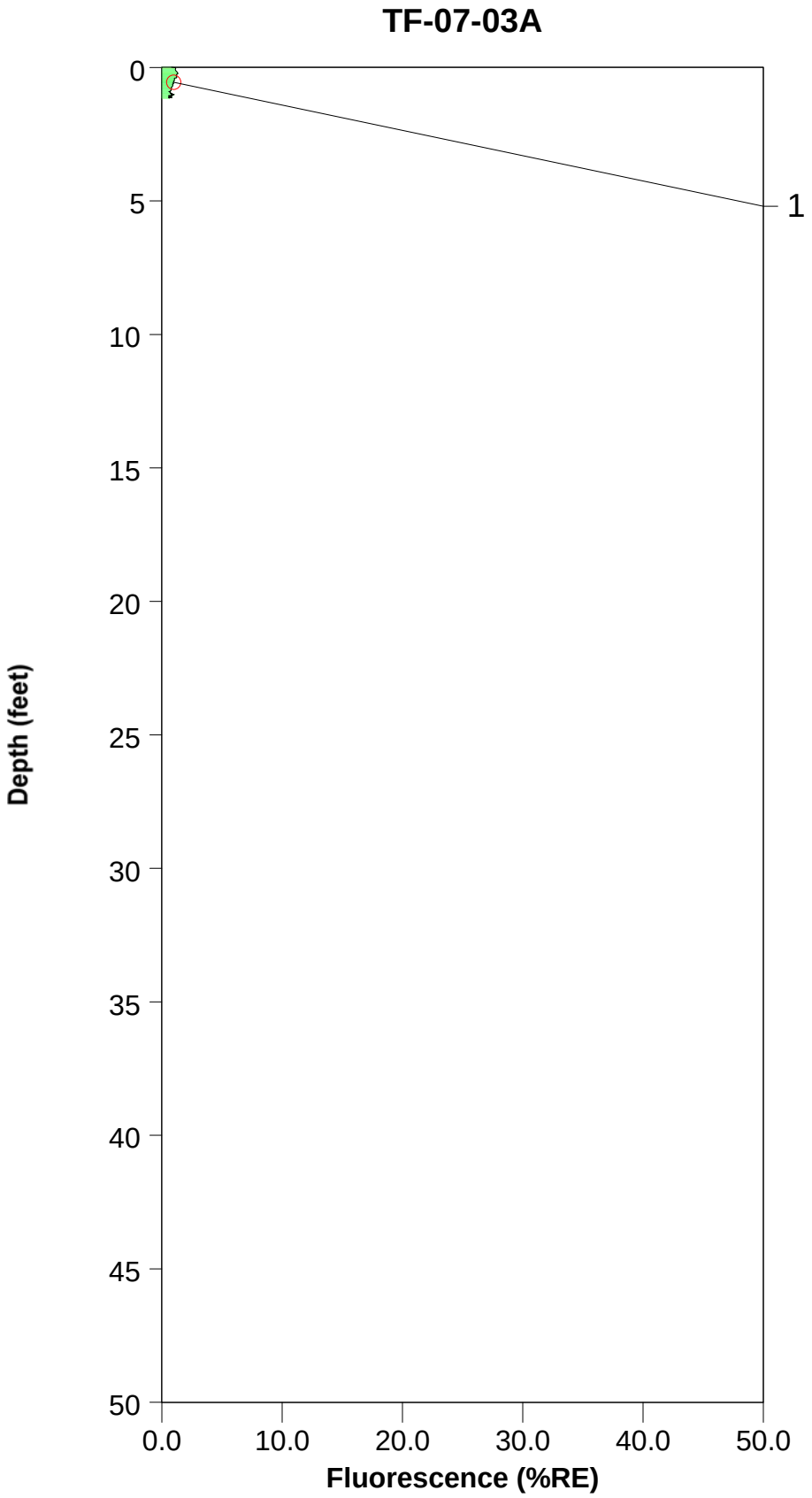
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 11:41:42 AM	Max fluorescence: 4.29% @ 0.25 ft
ROST Unit: ?	Final depth BGS: 0.38 ft

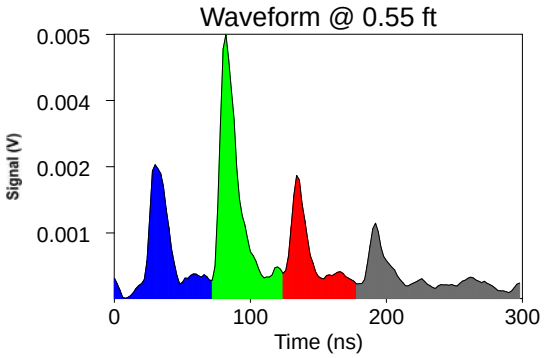




ROST Fluorescence Response Data

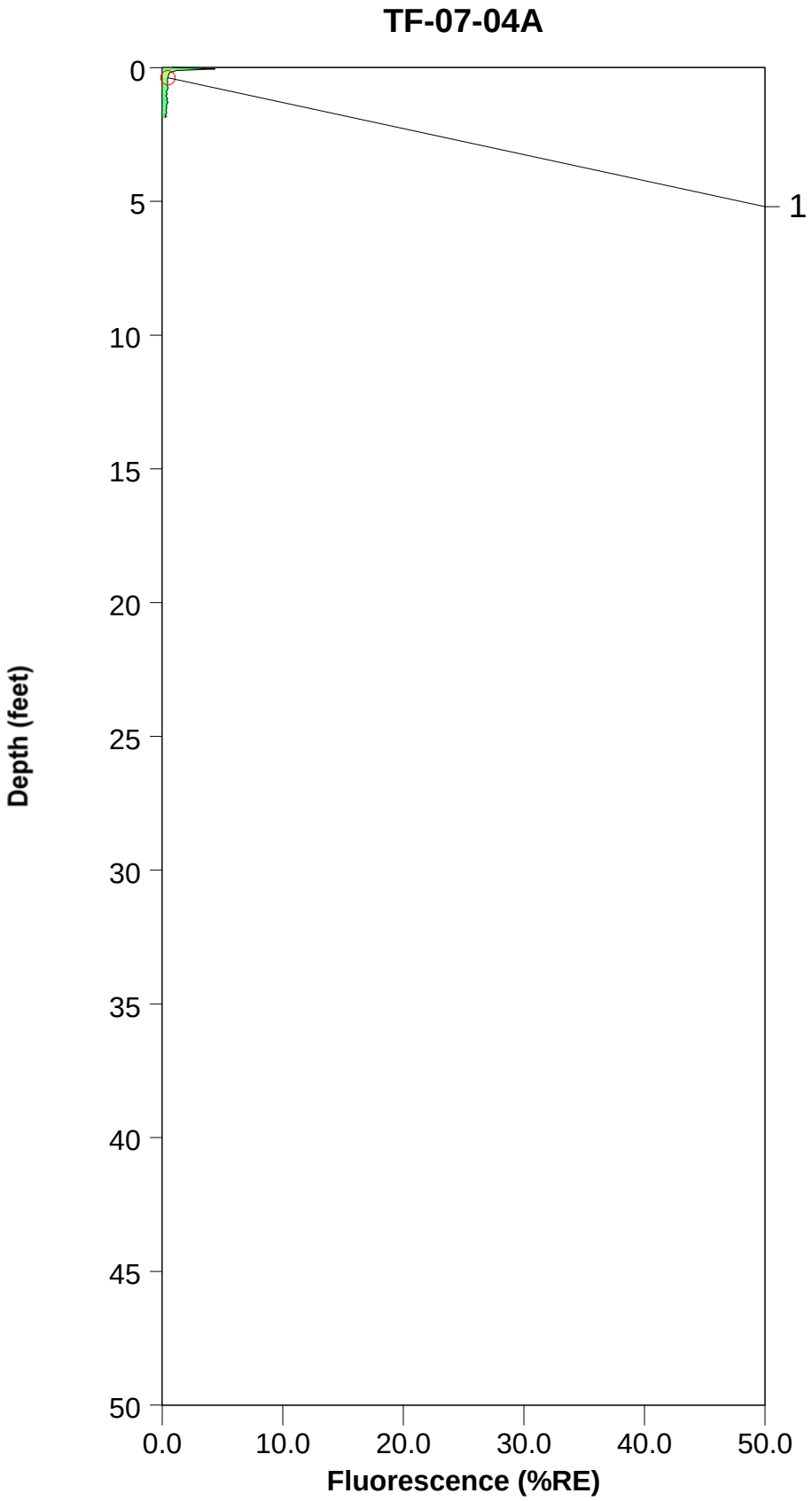
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 11:50:27 AM	Max fluorescence: 1.34% @ 0.23 ft
ROST Unit: ?	Final depth BGS: 1.15 ft

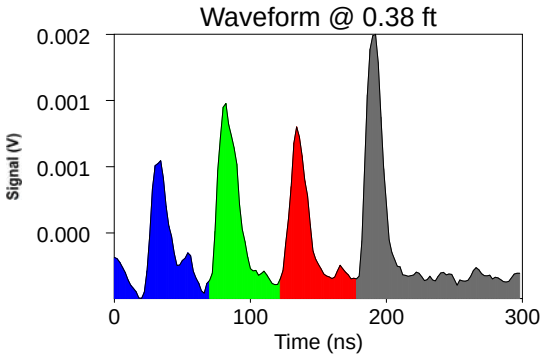




ROST Fluorescence Response Data

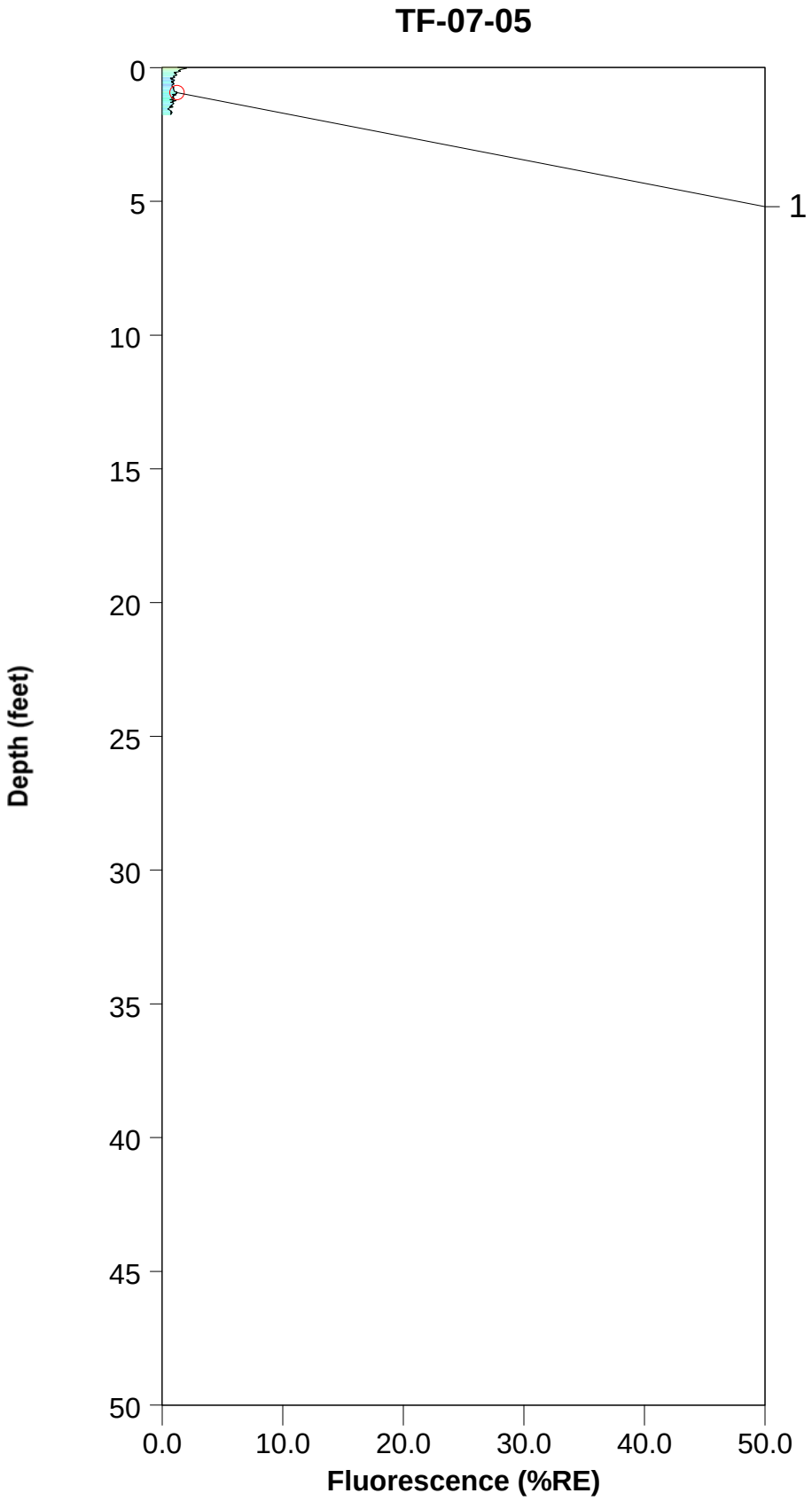
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 2:45:56 PM	Max fluorescence: 4.38% @ 0.05 ft
ROST Unit: ?	Final depth BGS: 1.86 ft

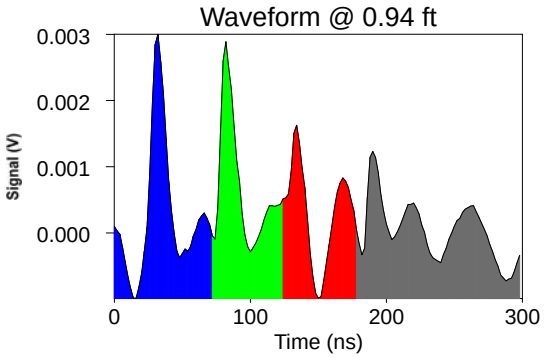




ROST Fluorescence Response Data

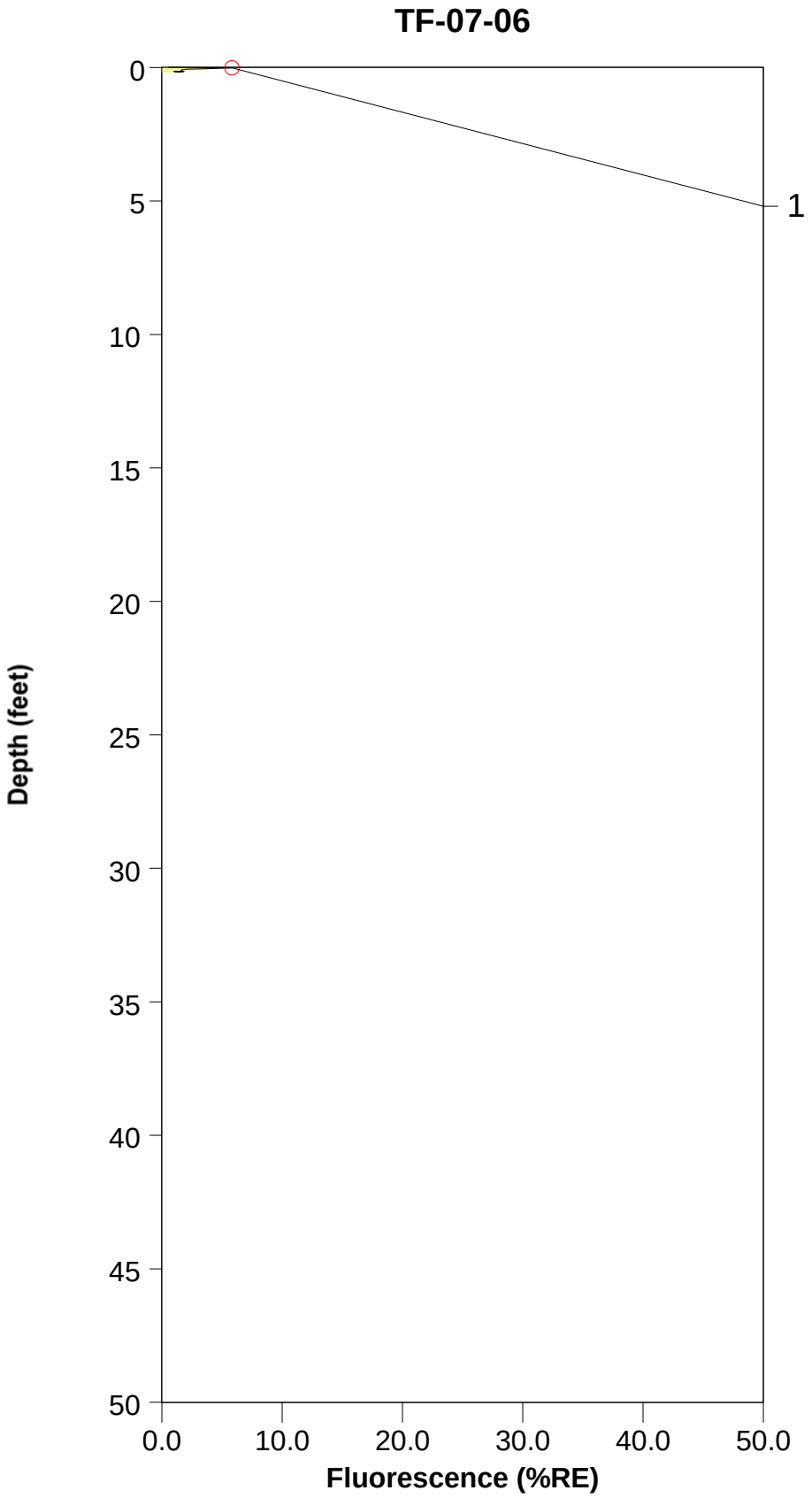
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 9:06:34 AM	Max fluorescence: 2.06% @ 0.01 ft
ROST Unit: ?	Final depth BGS: 1.75 ft

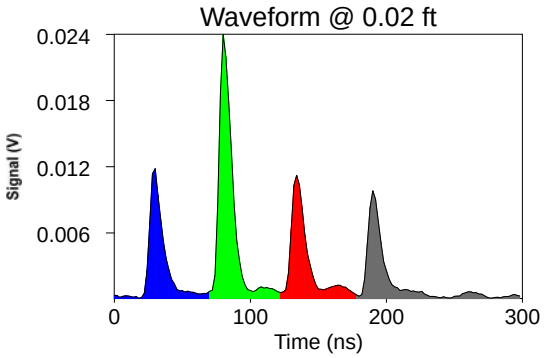




ROST Fluorescence Response Data

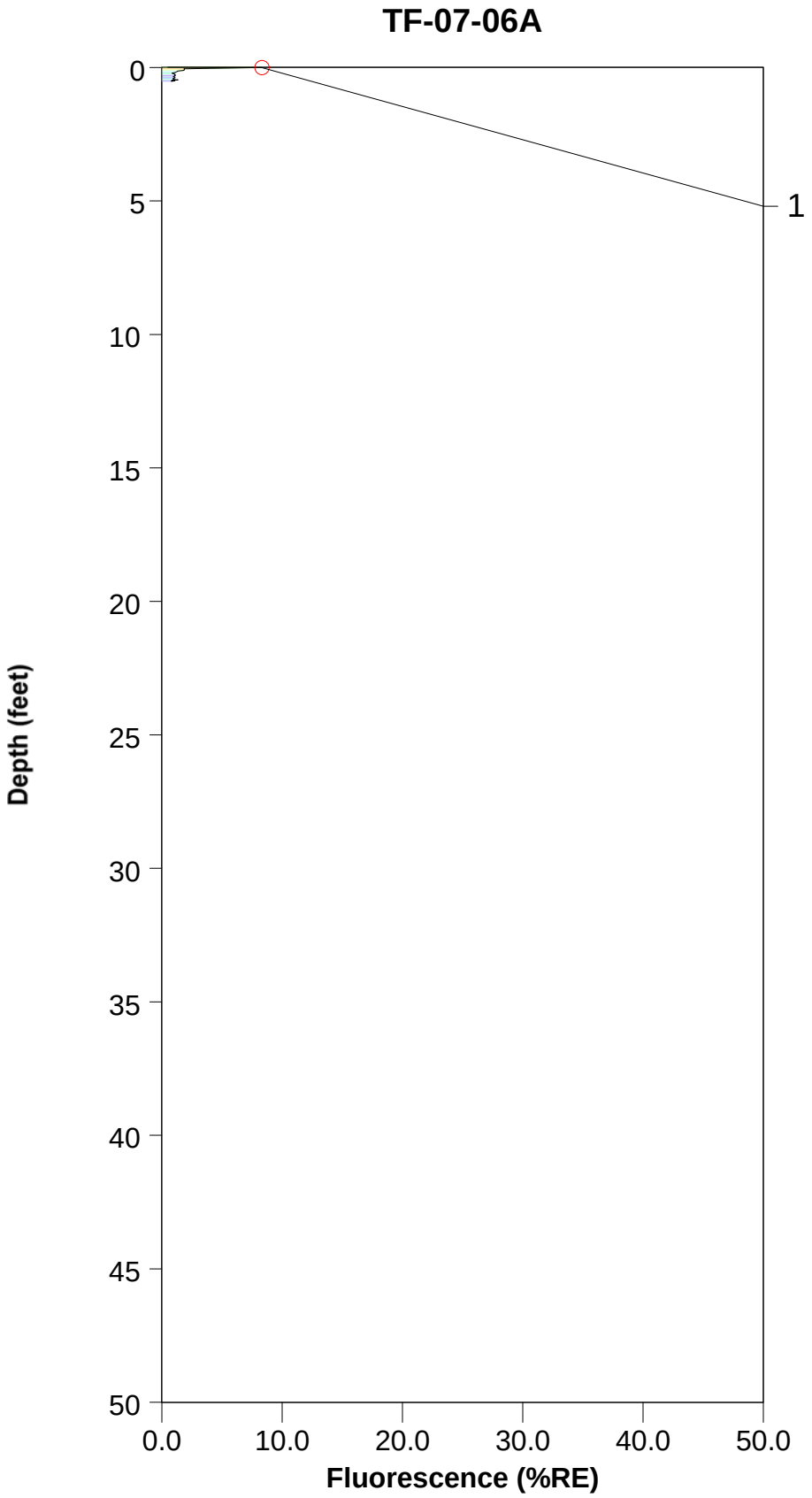
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 8:45:00 AM	Max fluorescence: 5.82% @ 0.02 ft
ROST Unit: ?	Final depth BGS: 0.17 ft

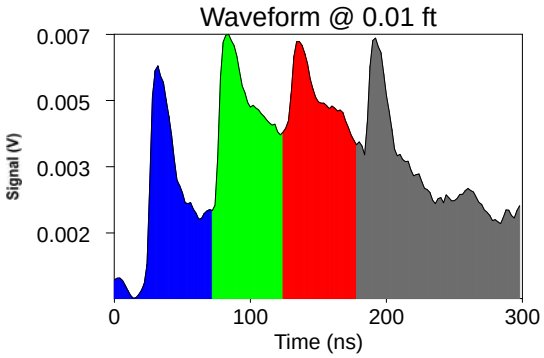




ROST Fluorescence Response Data

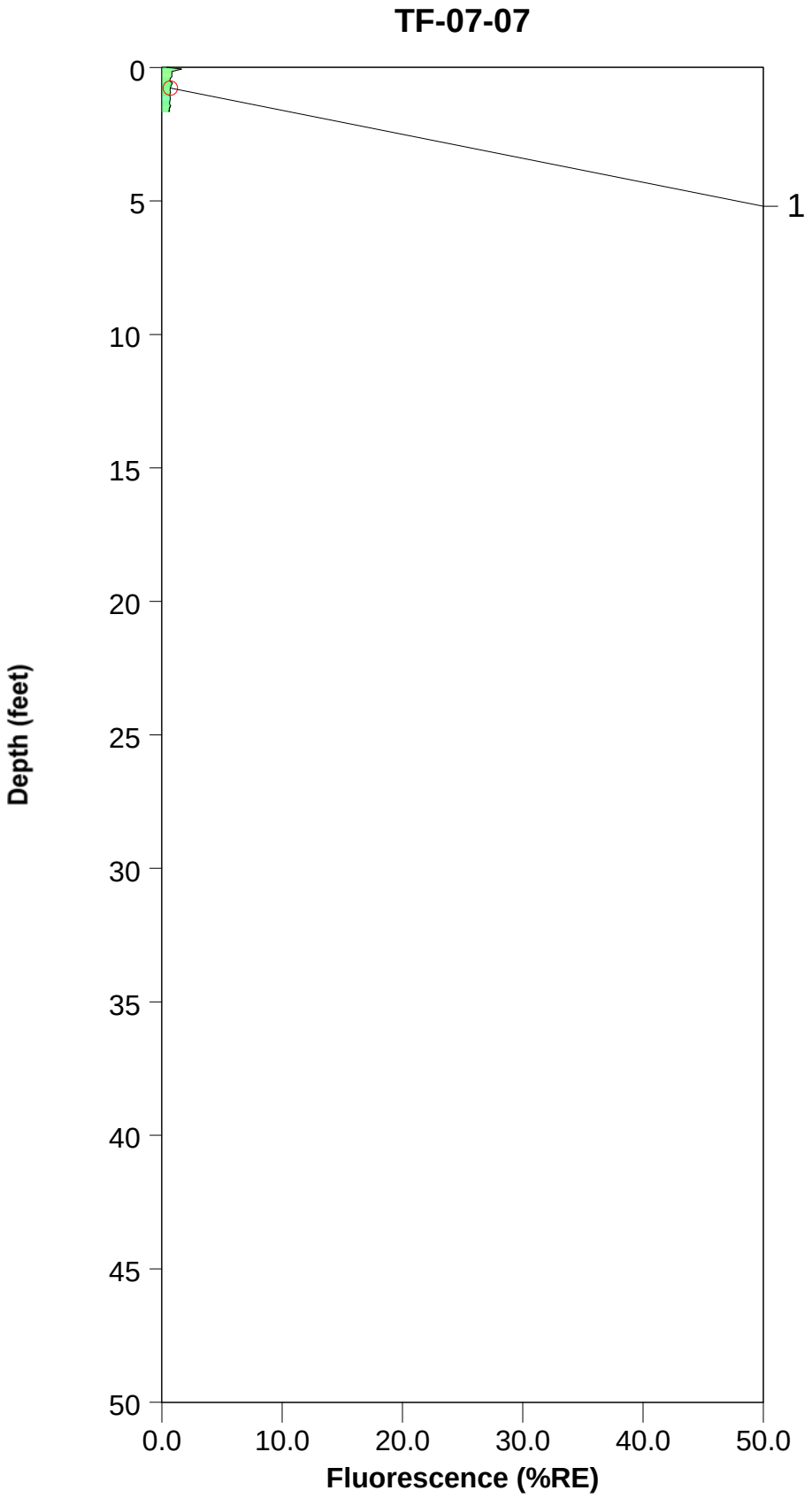
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 8:51:51 AM	Max fluorescence: 8.32% @ 0.01 ft
ROST Unit: ?	Final depth BGS: 0.51 ft

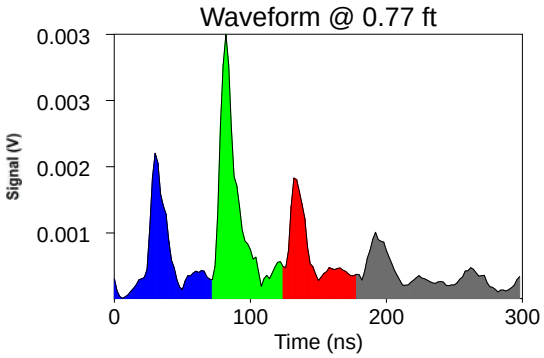




ROST Fluorescence Response Data

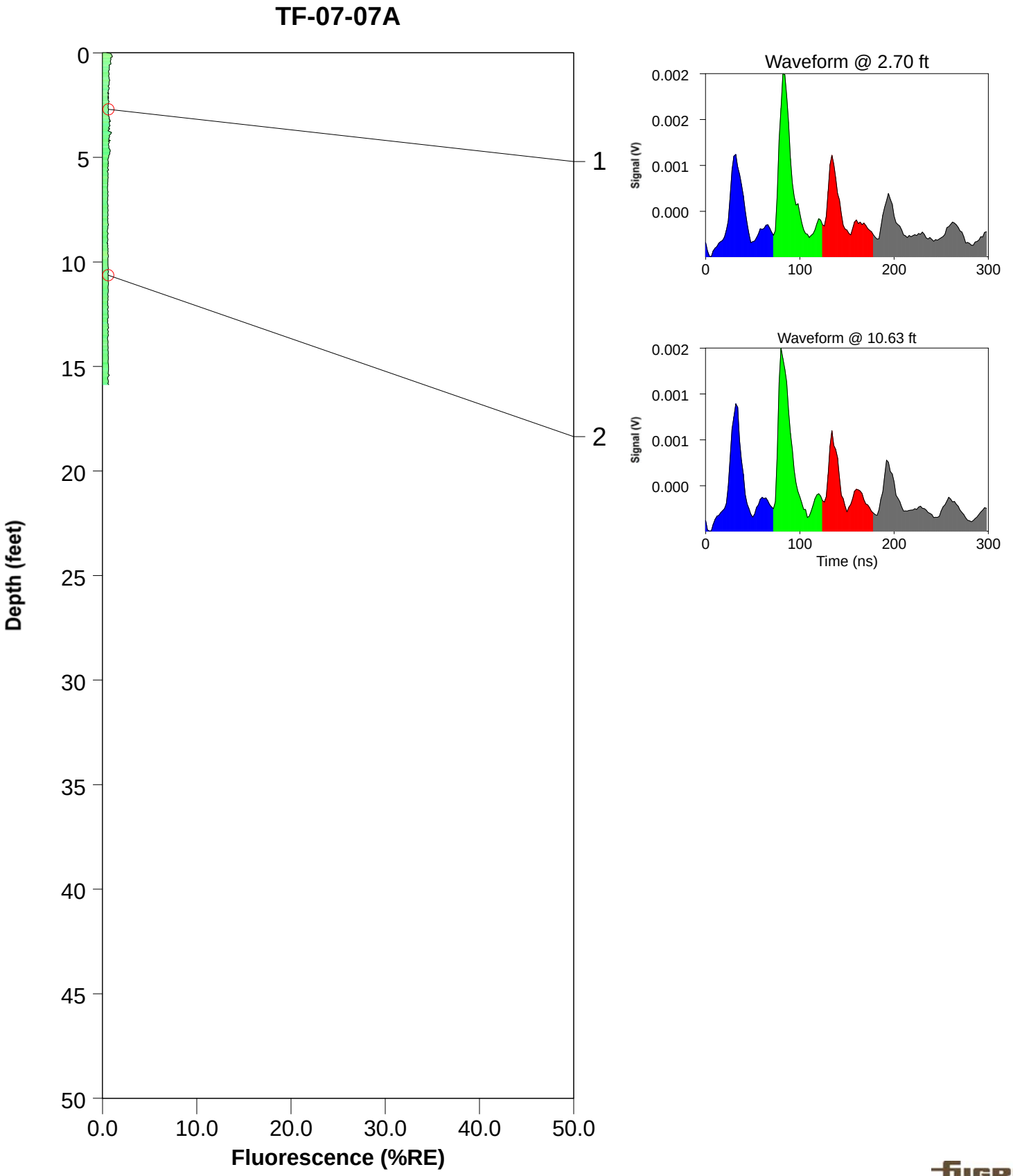
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 12:09:49 PM	Max fluorescence: 1.63% @ 0.06 ft
ROST Unit: ?	Final depth BGS: 1.65 ft





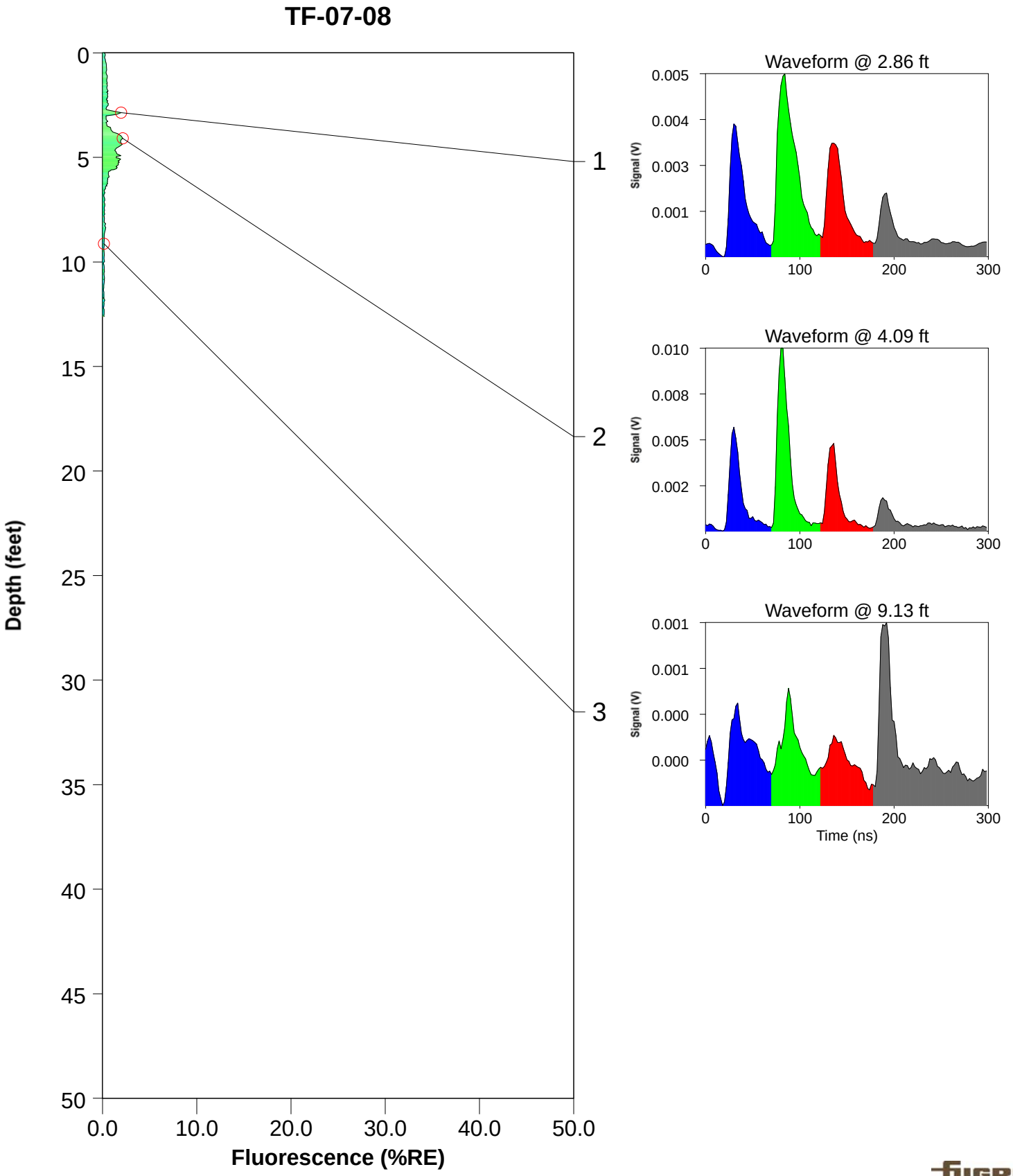
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 12:18:32 PM	Max fluorescence: 1.05% @ 0.19 ft
ROST Unit: ?	Final depth BGS: 15.87 ft



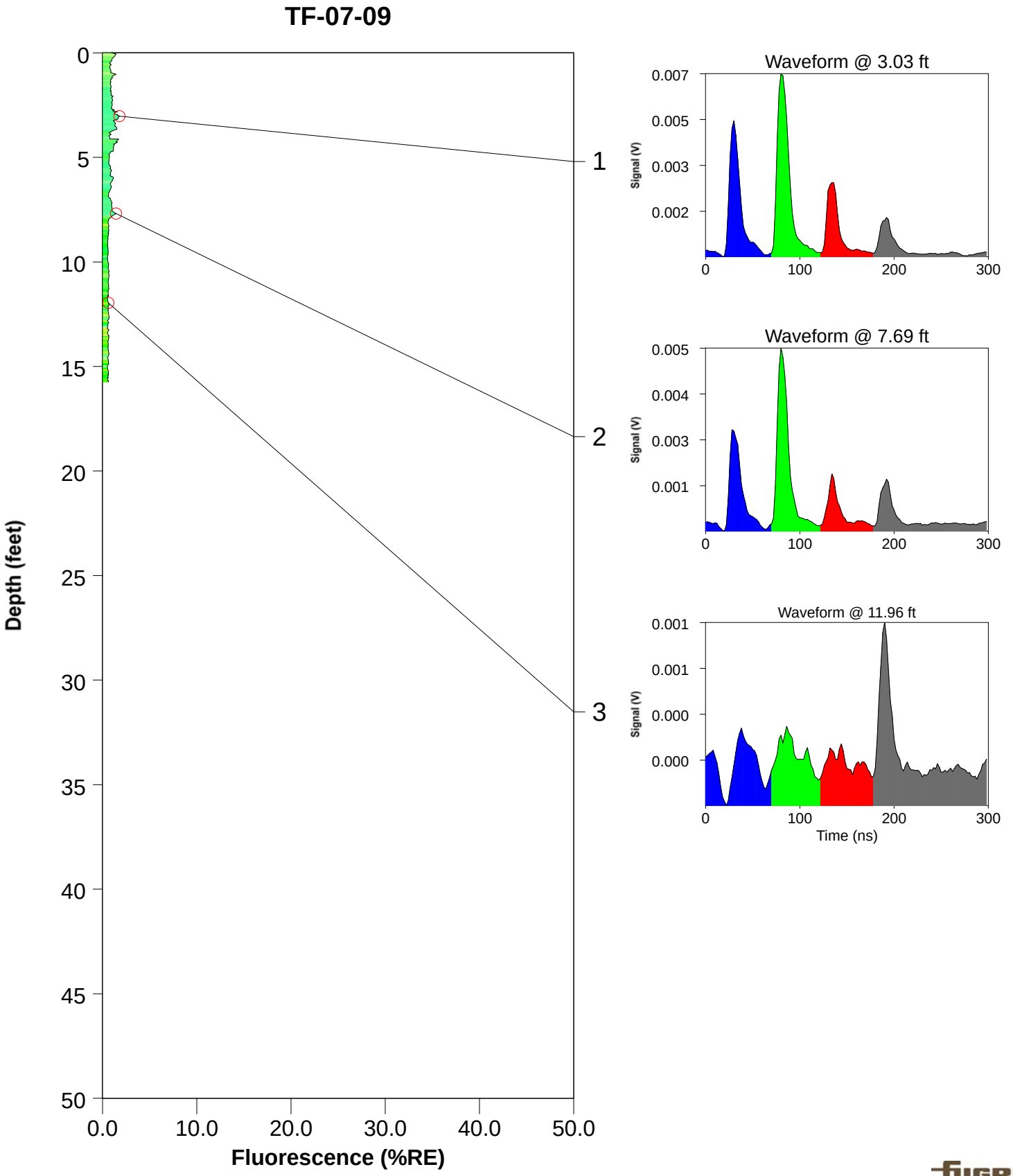
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 3:37:55 PM	Max fluorescence: 2.14% @ 4.09 ft
ROST Unit: ?	Final depth BGS: 12.61 ft



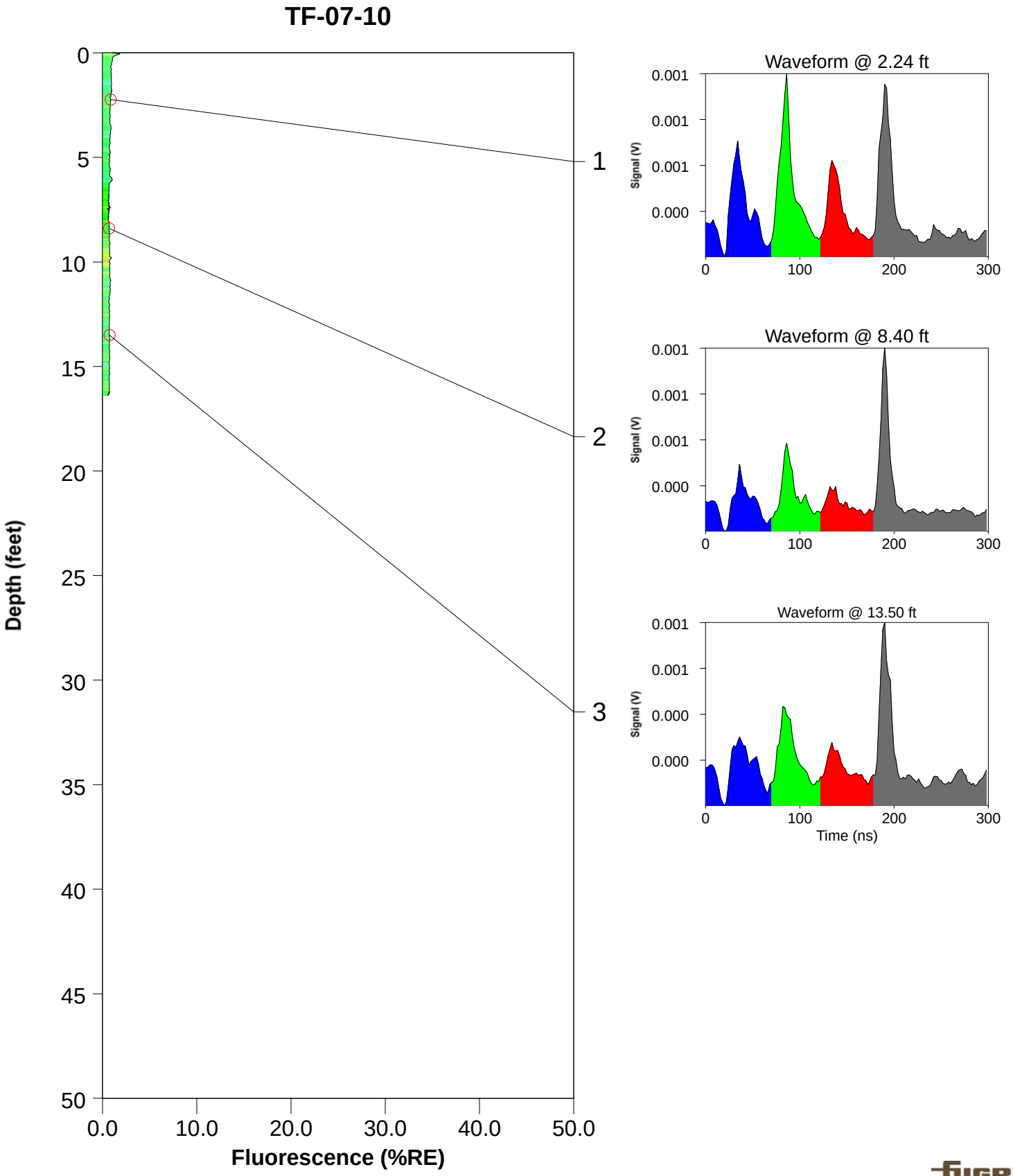
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 3:19:15 PM	Max fluorescence: 1.79% @ 3.03 ft
ROST Unit: ?	Final depth BGS: 15.74 ft



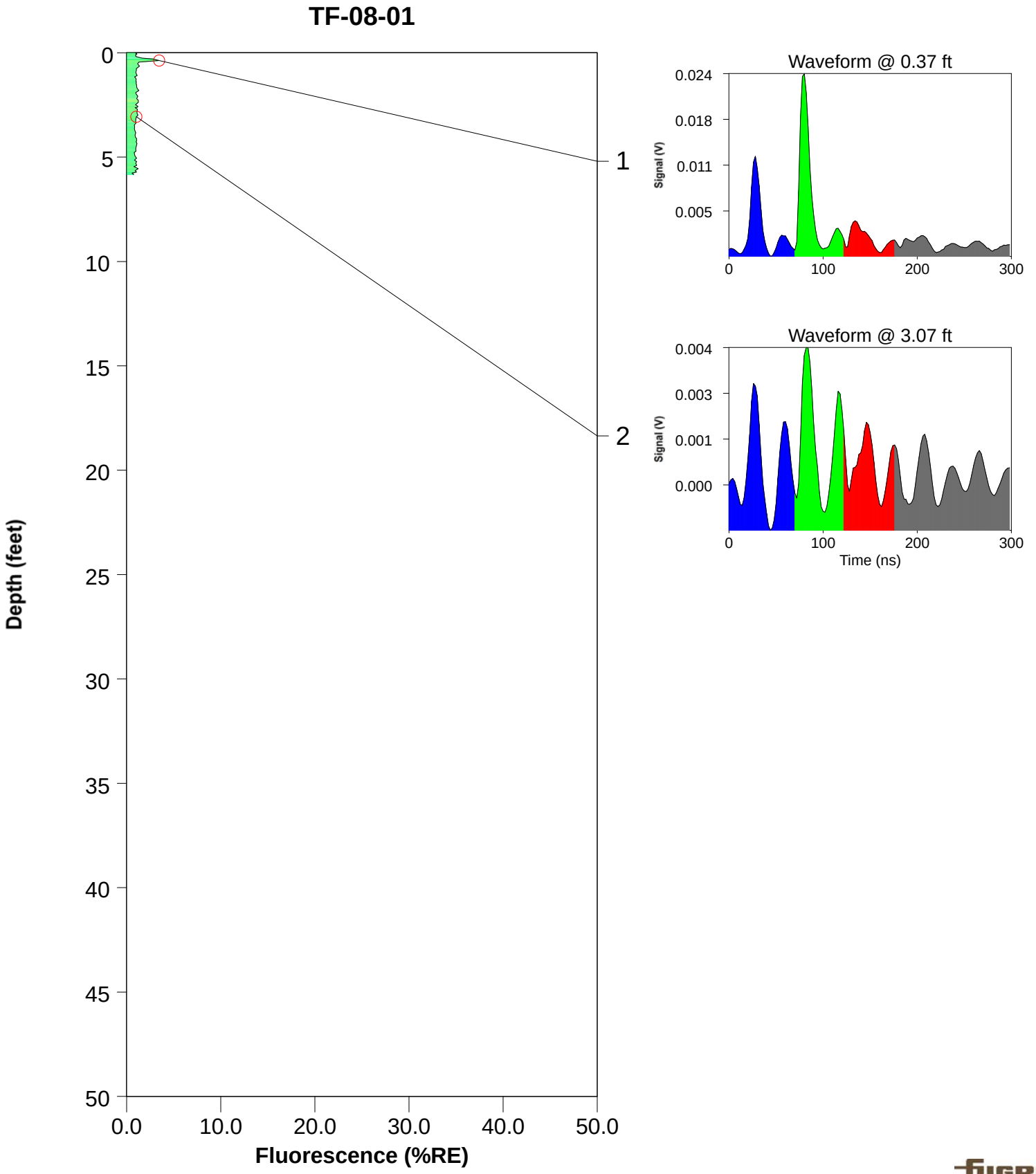
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/7/2015 @ 2:55:00 PM	Max fluorescence: 1.83% @ 0.05 ft
ROST Unit: ?	Final depth BGS: 16.38 ft



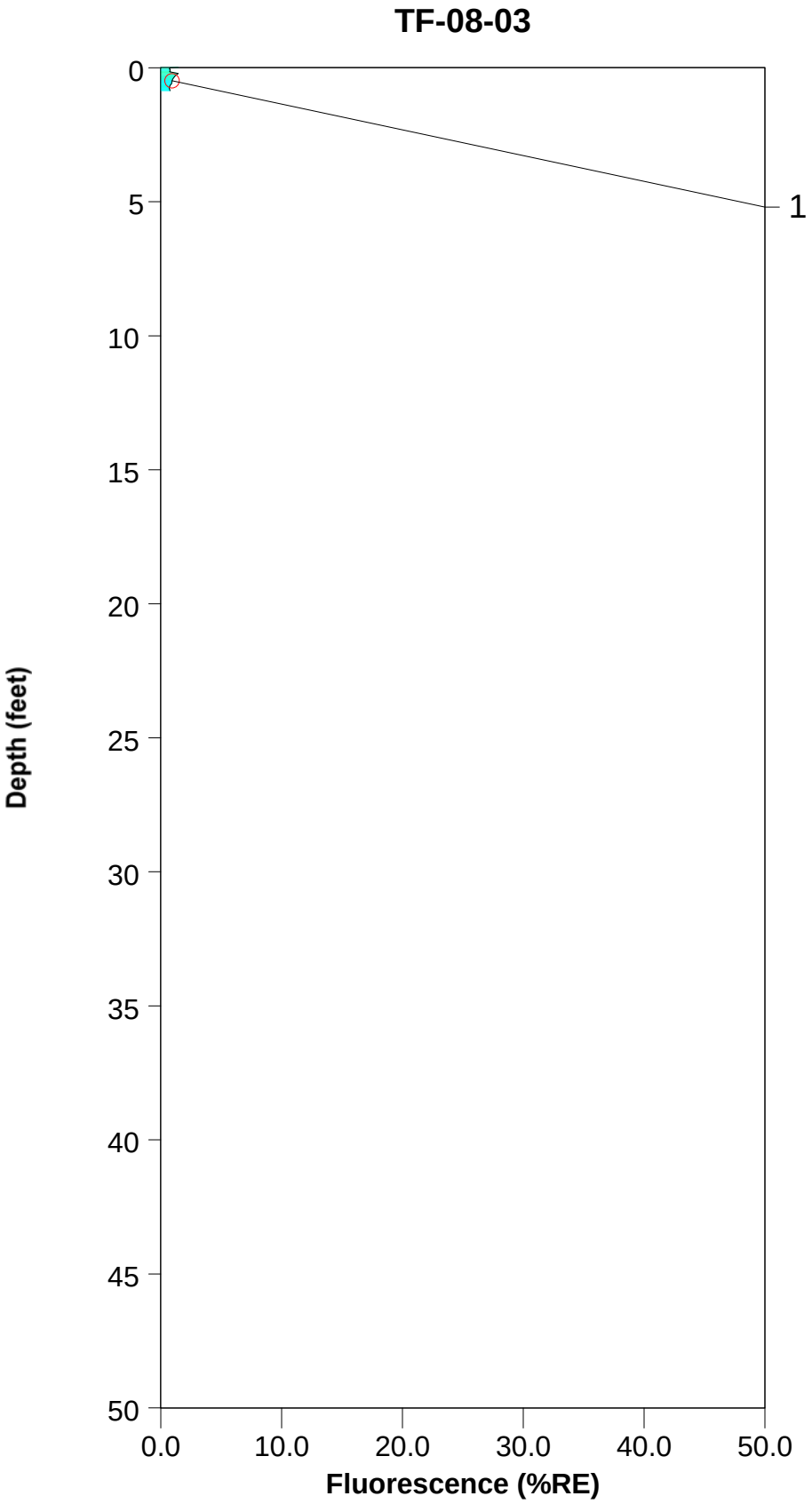
ROST Fluorescence Response Data

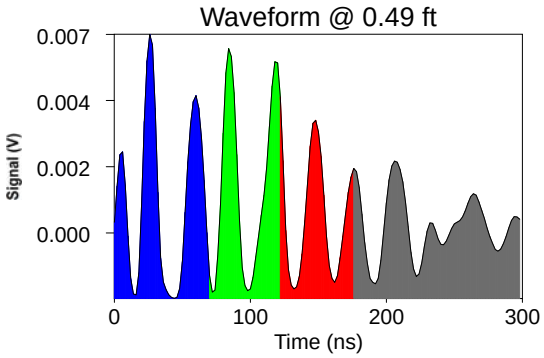
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 1:32:51 PM	Max fluorescence: 3.45% @ 0.37 ft
ROST Unit: 2	Final depth BGS: 5.83 ft



ROST Fluorescence Response Data

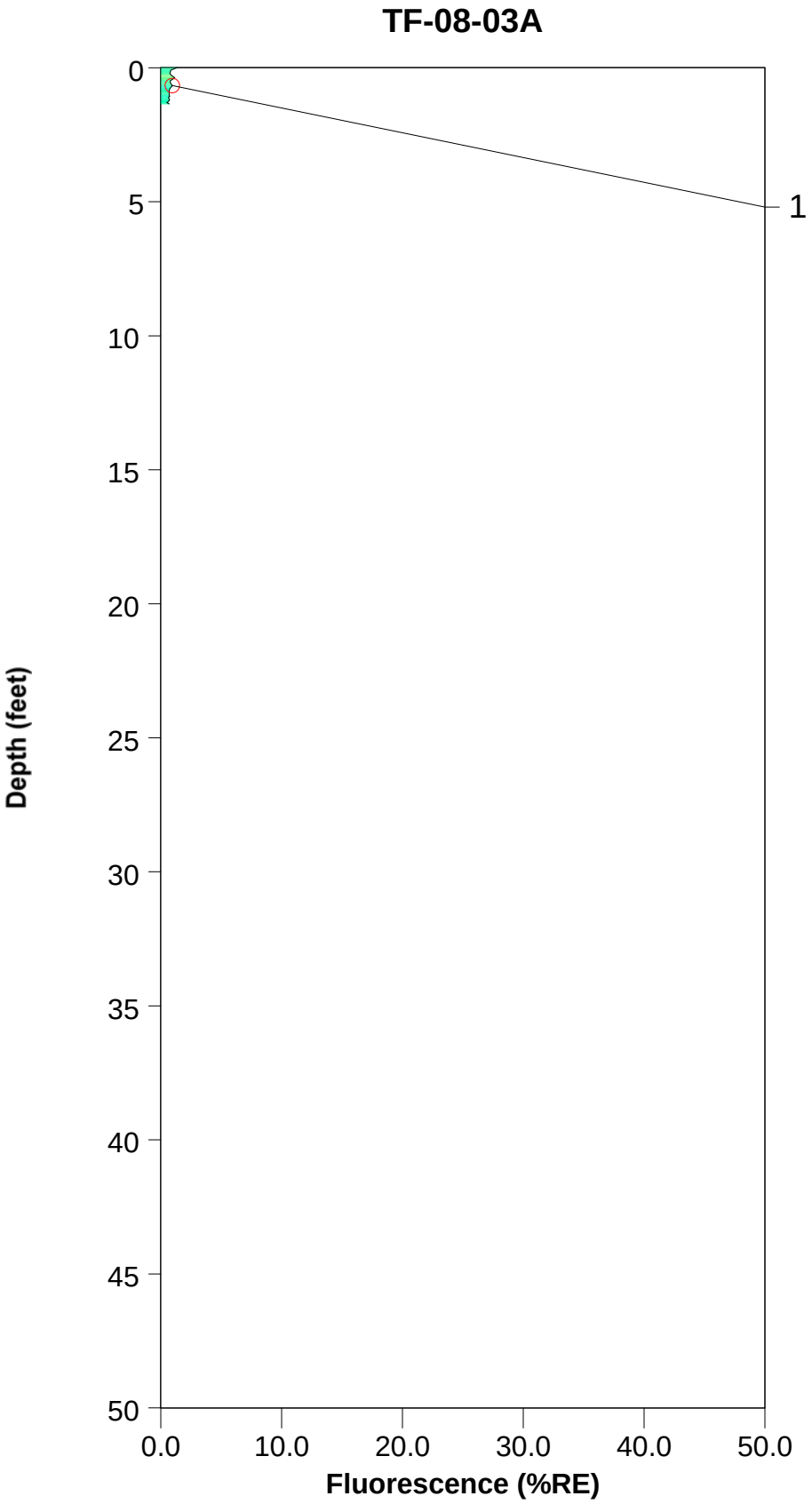
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 1:52:21 PM	Max fluorescence: 1.43% @ 0.21 ft
ROST Unit: 2	Final depth BGS: 0.86 ft

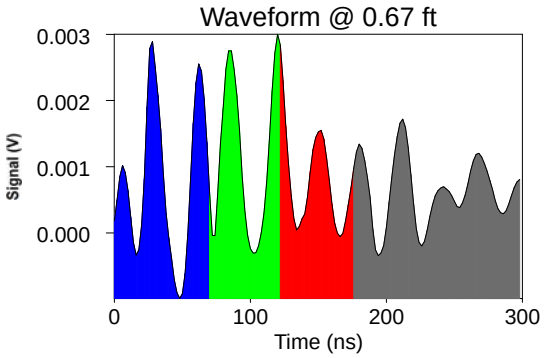




ROST Fluorescence Response Data

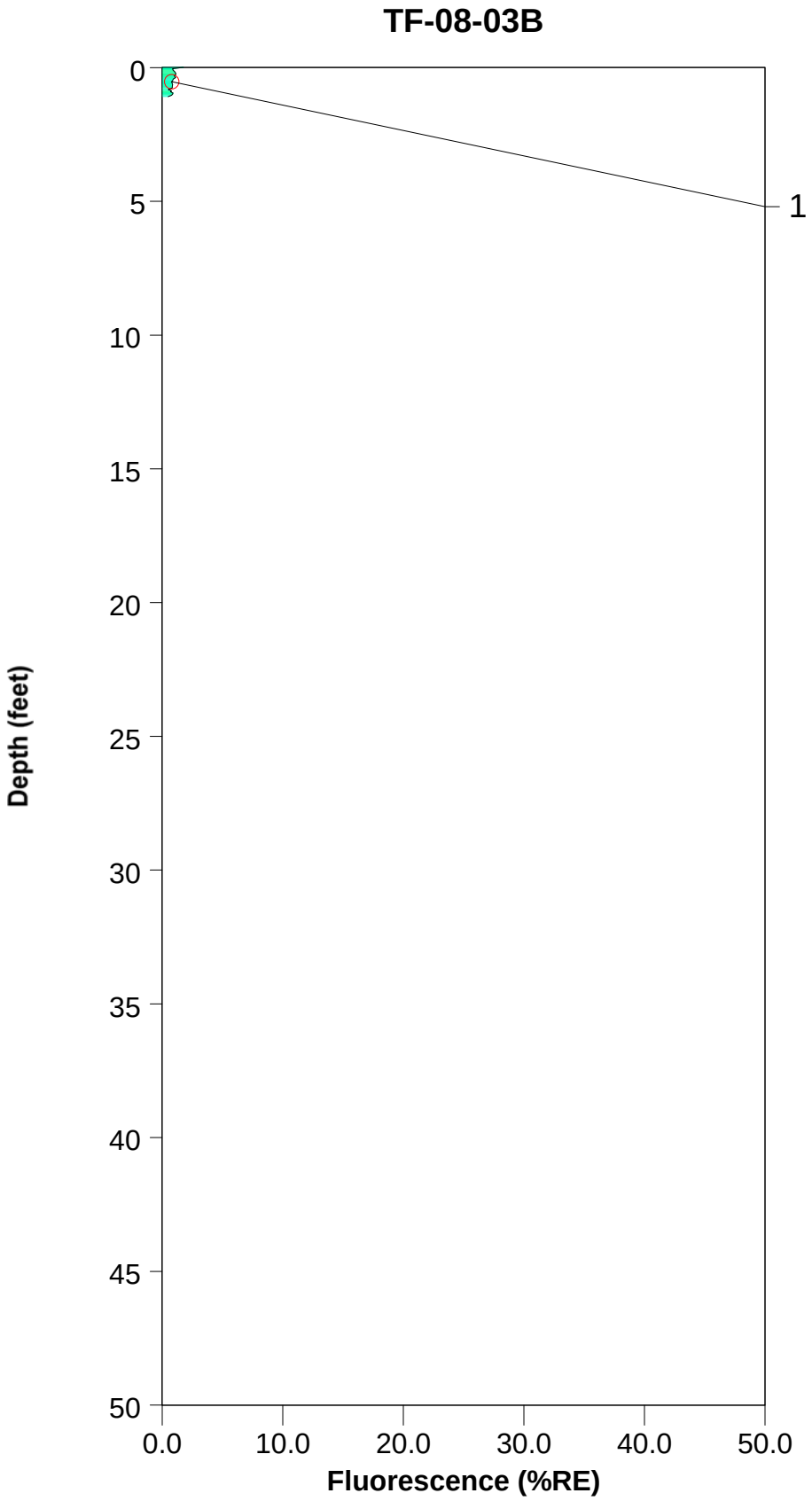
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 1:56:31 PM	Max fluorescence: 1.38% @ 0.00 ft
ROST Unit: 2	Final depth BGS: 1.35 ft

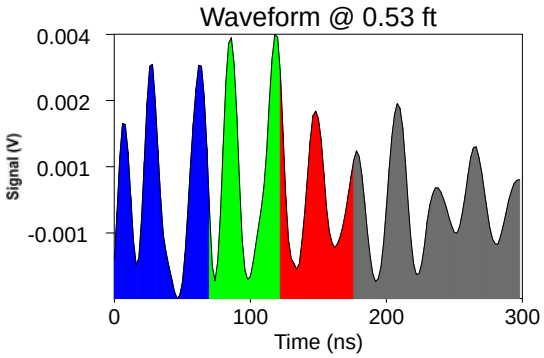




ROST Fluorescence Response Data

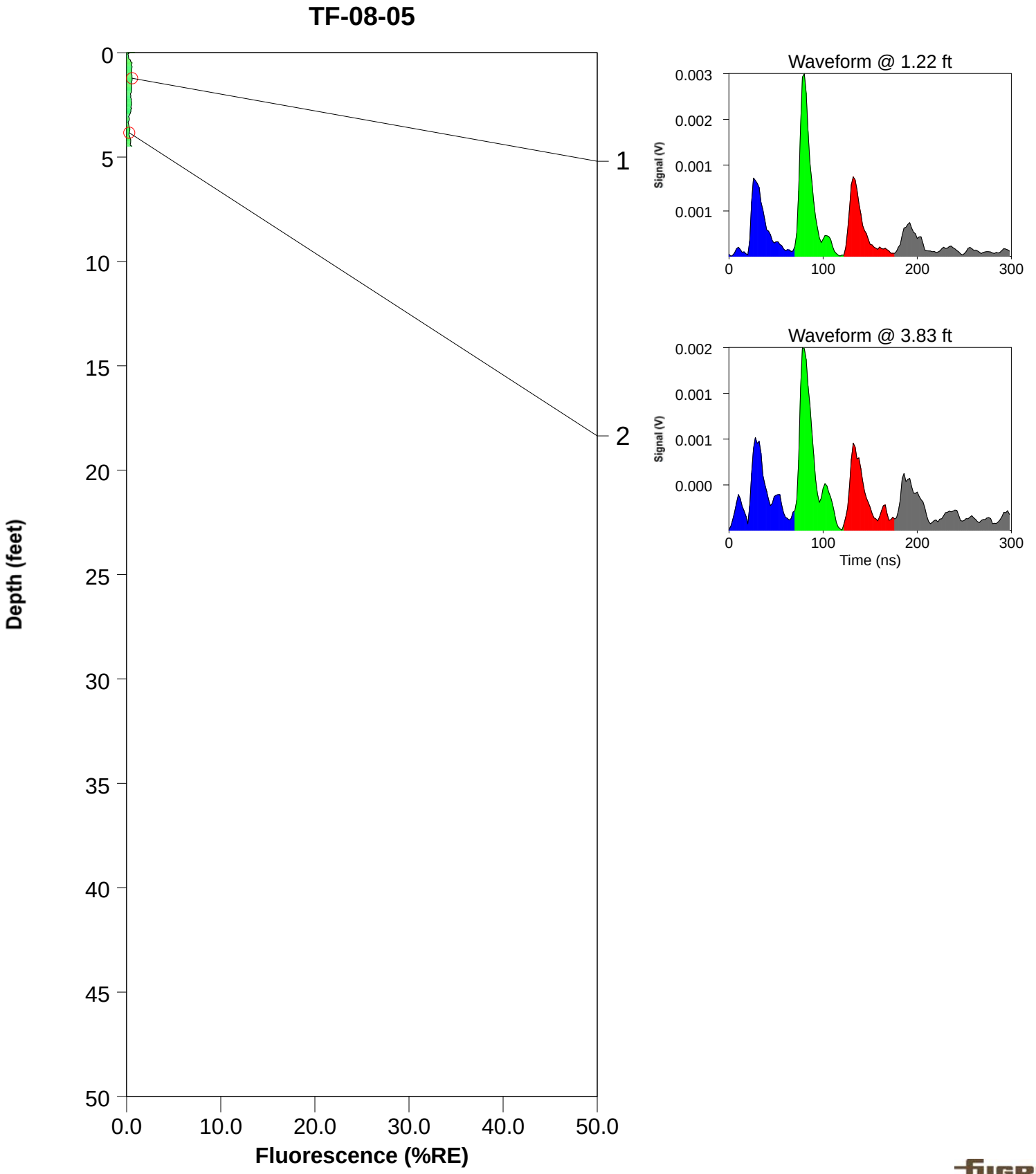
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 2:03:47 PM	Max fluorescence: 1.75% @ 0.00 ft
ROST Unit: 2	Final depth BGS: 1.09 ft





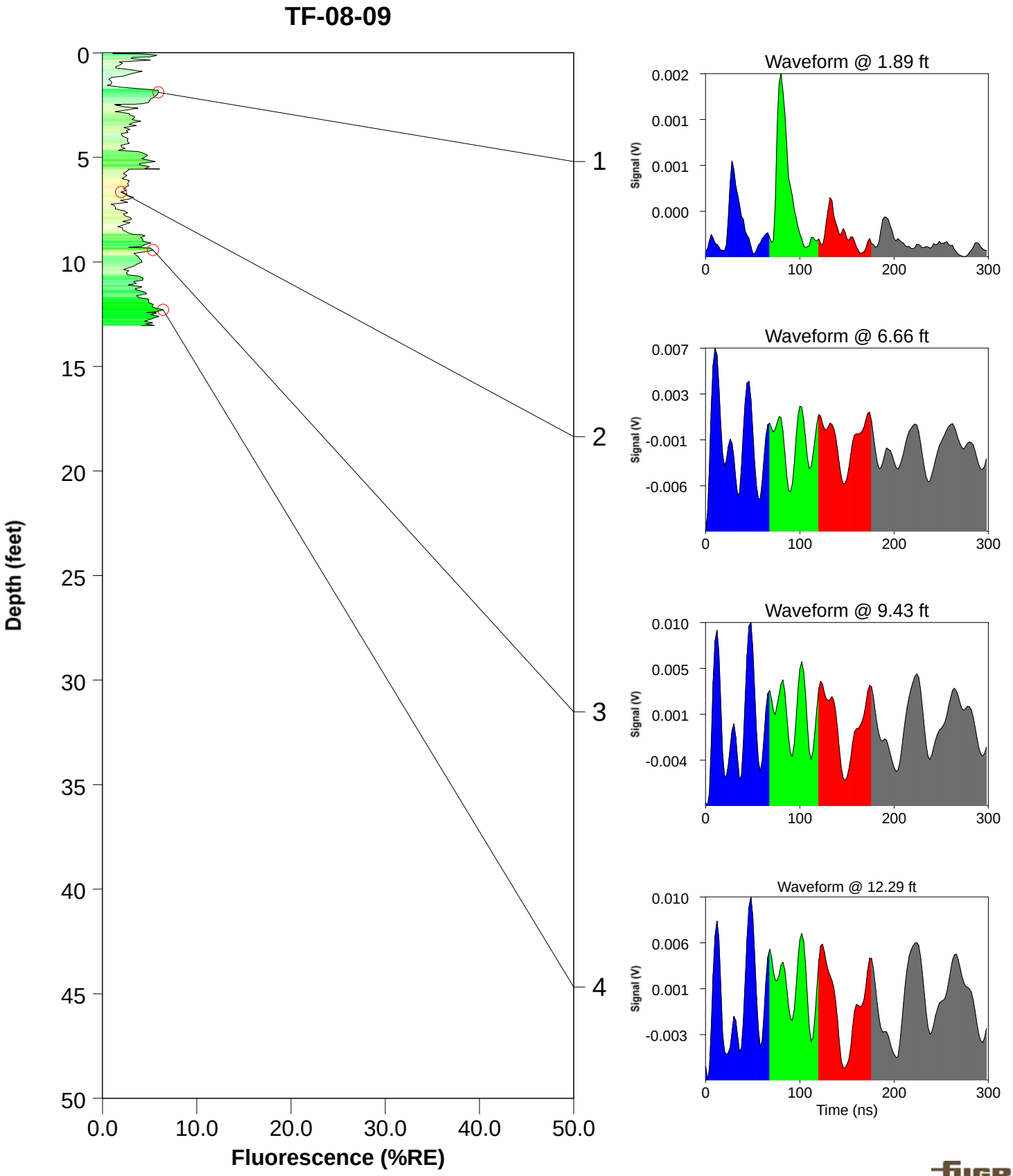
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 2:16:11 PM	Max fluorescence: 0.85% @ 0.00 ft
ROST Unit: 2	Final depth BGS: 4.48 ft



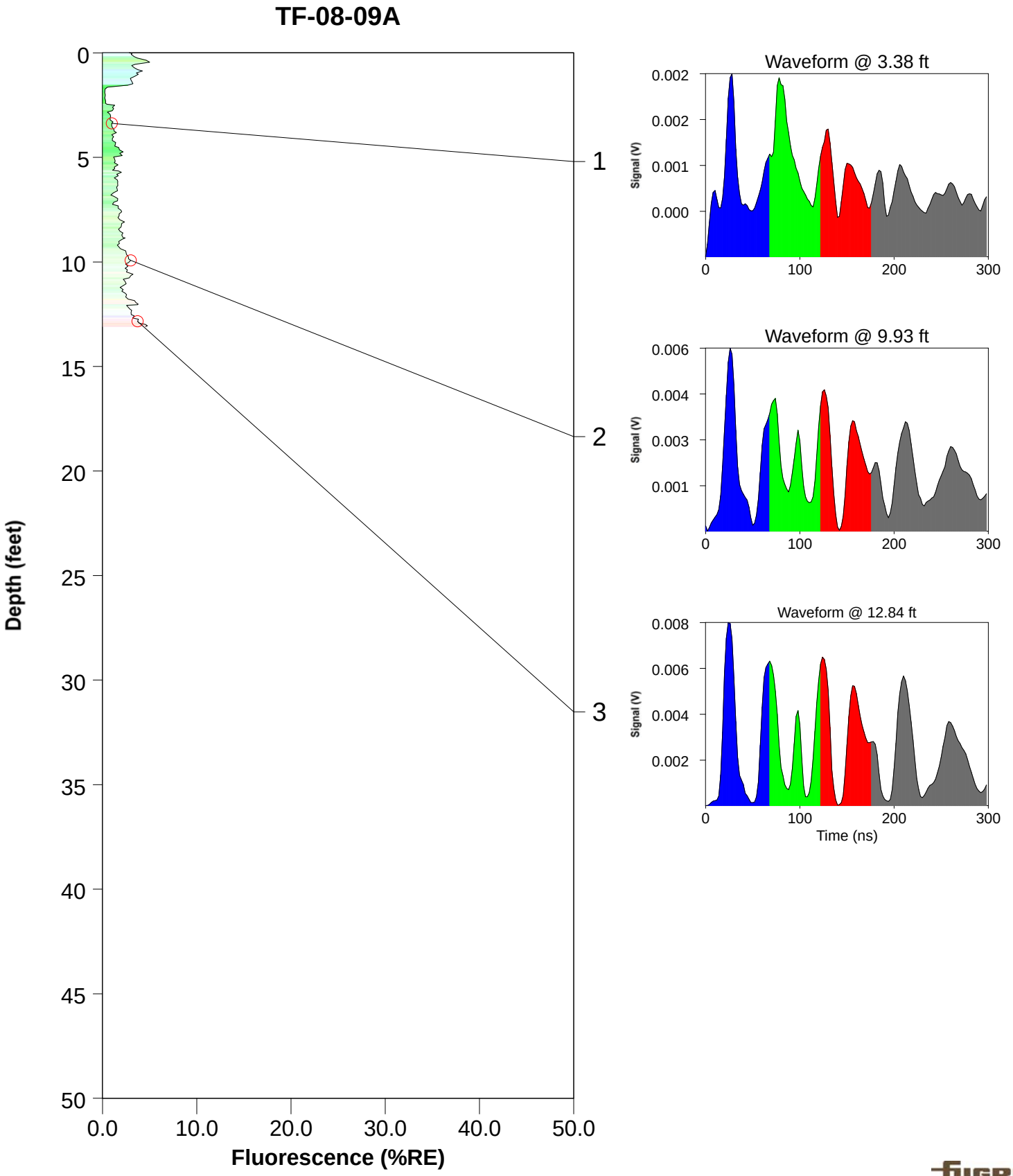
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 2:31:02 PM	Max fluorescence: 6.42% @ 12.29 ft
ROST Unit: 2	Final depth BGS: 13.05 ft



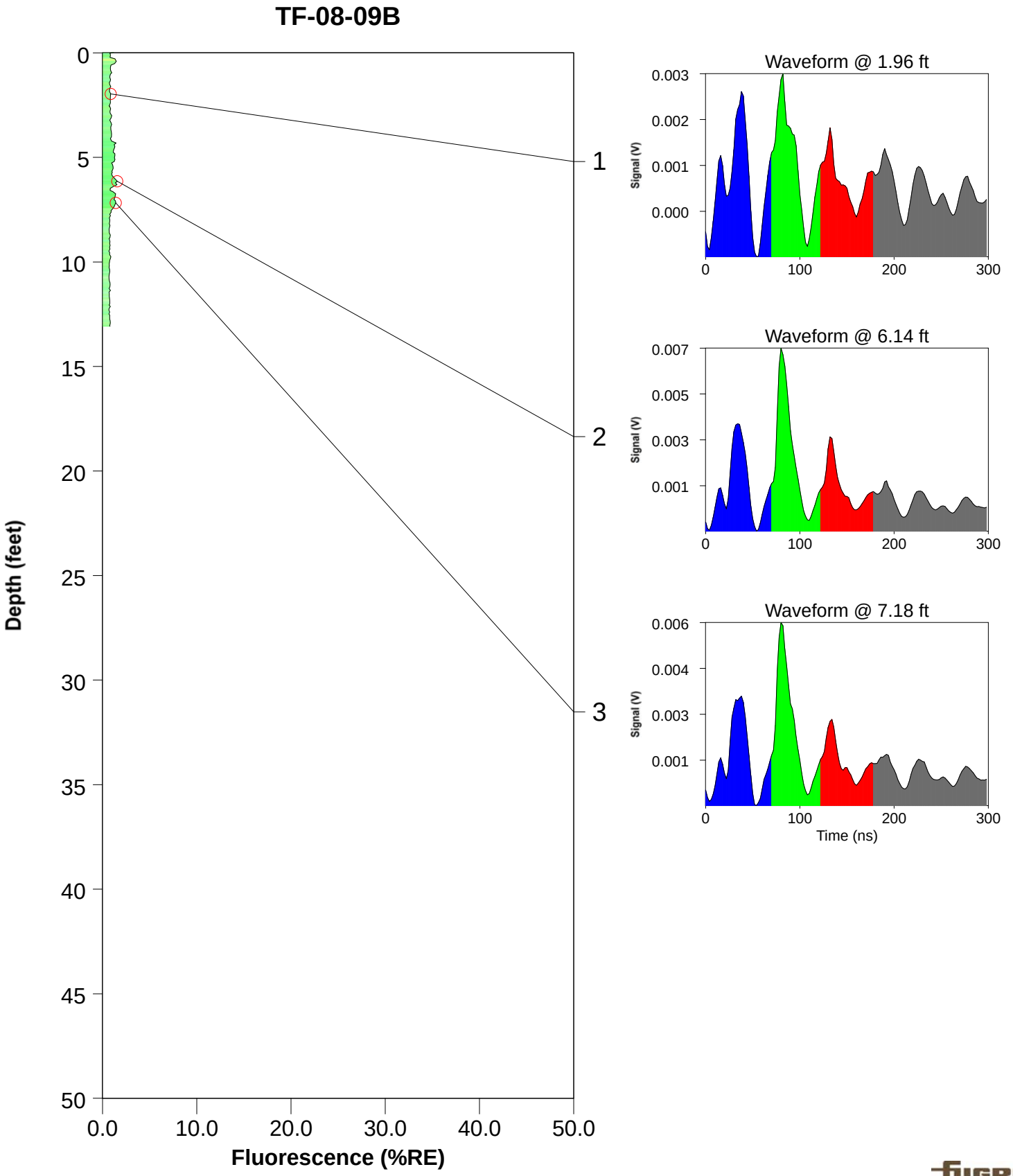
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 2:50:25 PM	Max fluorescence: 5.00% @ 0.45 ft
ROST Unit: 2	Final depth BGS: 13.09 ft



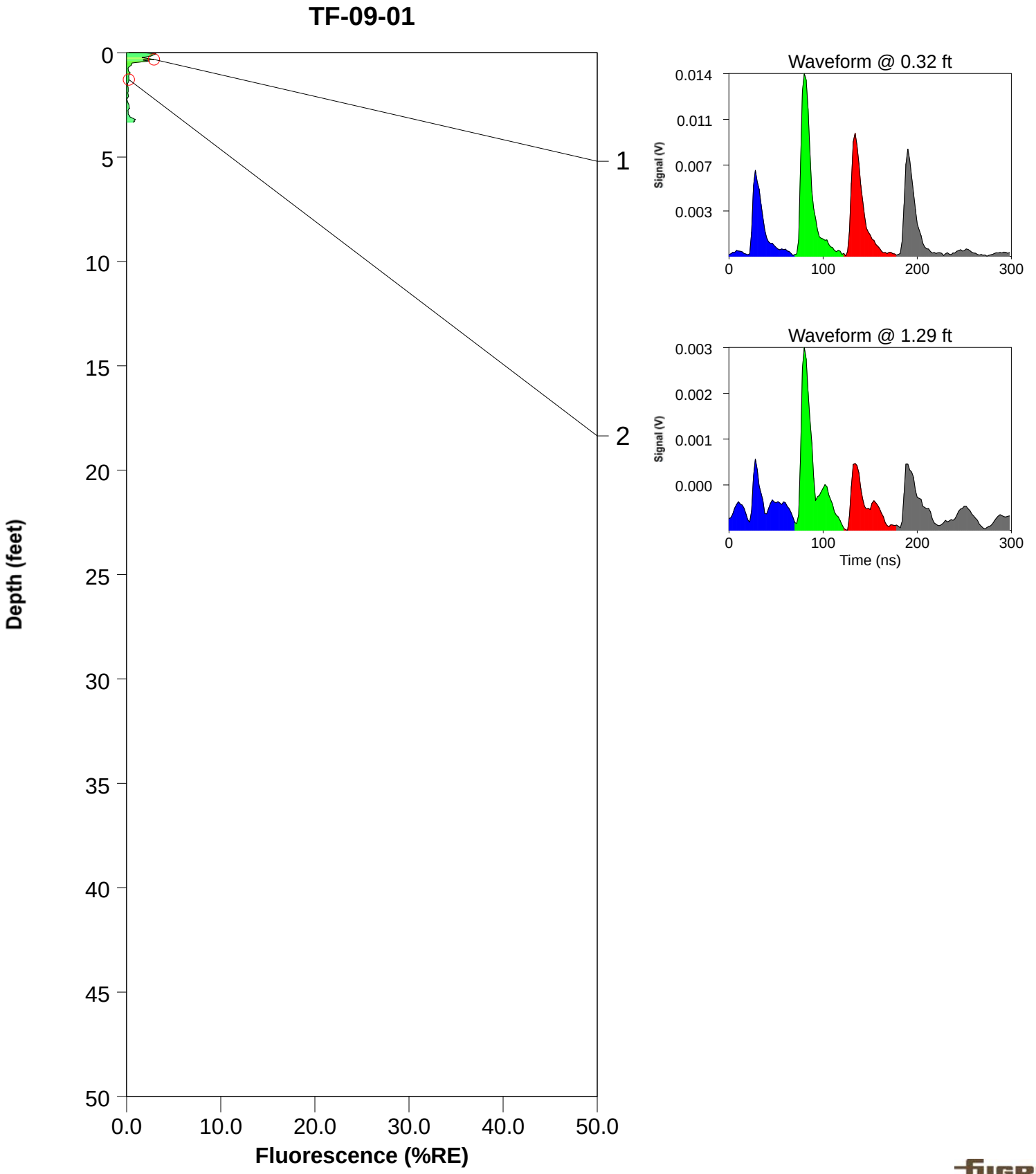
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/11/2015 @ 3:29:26 PM	Max fluorescence: 1.56% @ 6.14 ft
ROST Unit: 2	Final depth BGS: 13.08 ft



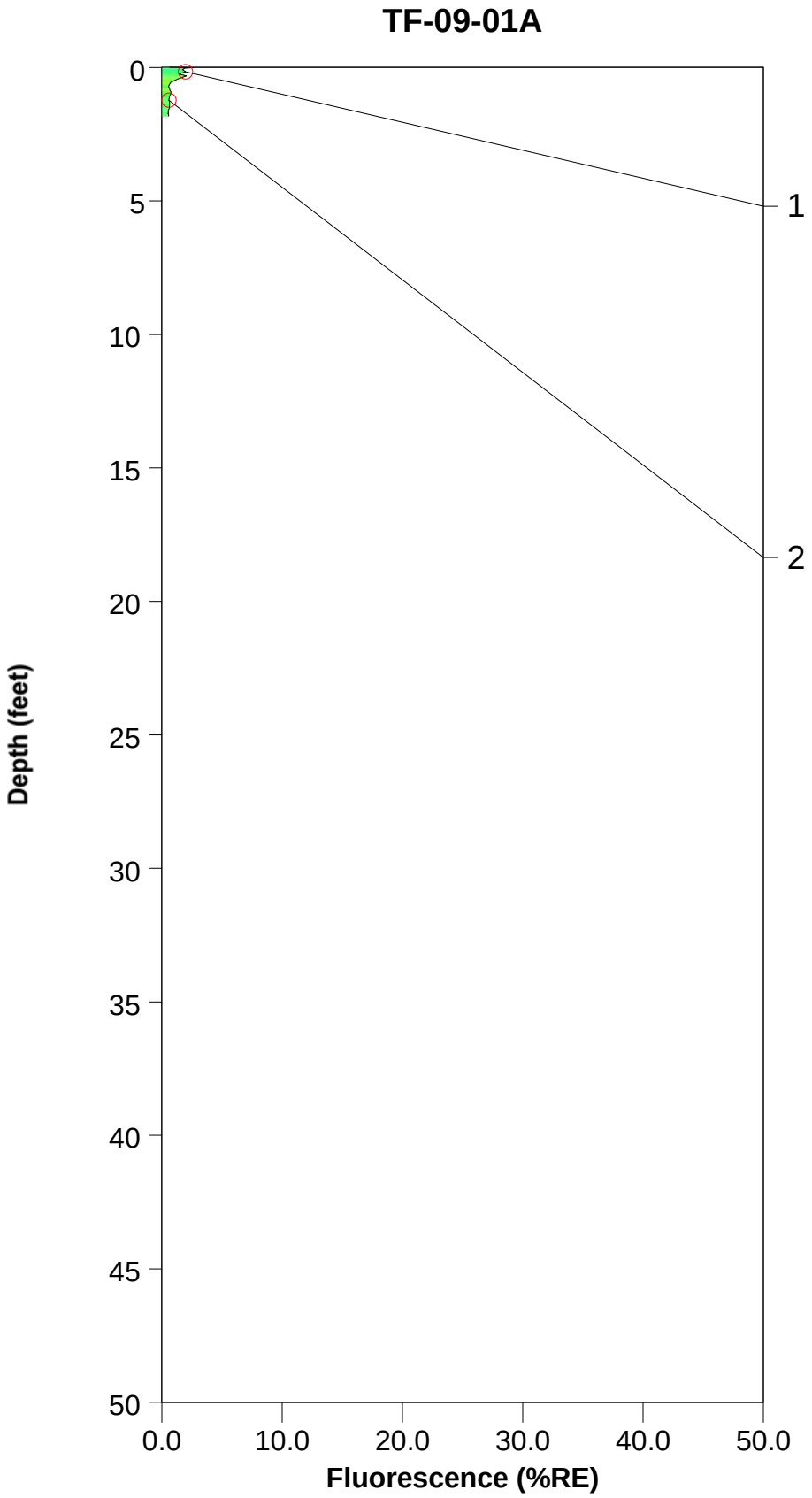
ROST Fluorescence Response Data

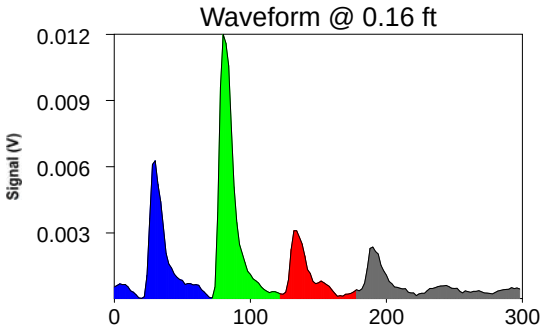
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 8:39:50 AM	Max fluorescence: 3.12% @ 0.05 ft
ROST Unit: 2	Final depth BGS: 3.34 ft

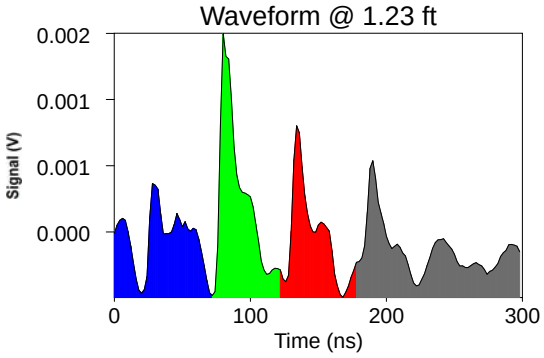


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 8:46:23 AM	Max fluorescence: 2.61% @ 0.01 ft
ROST Unit: 2	Final depth BGS: 1.82 ft

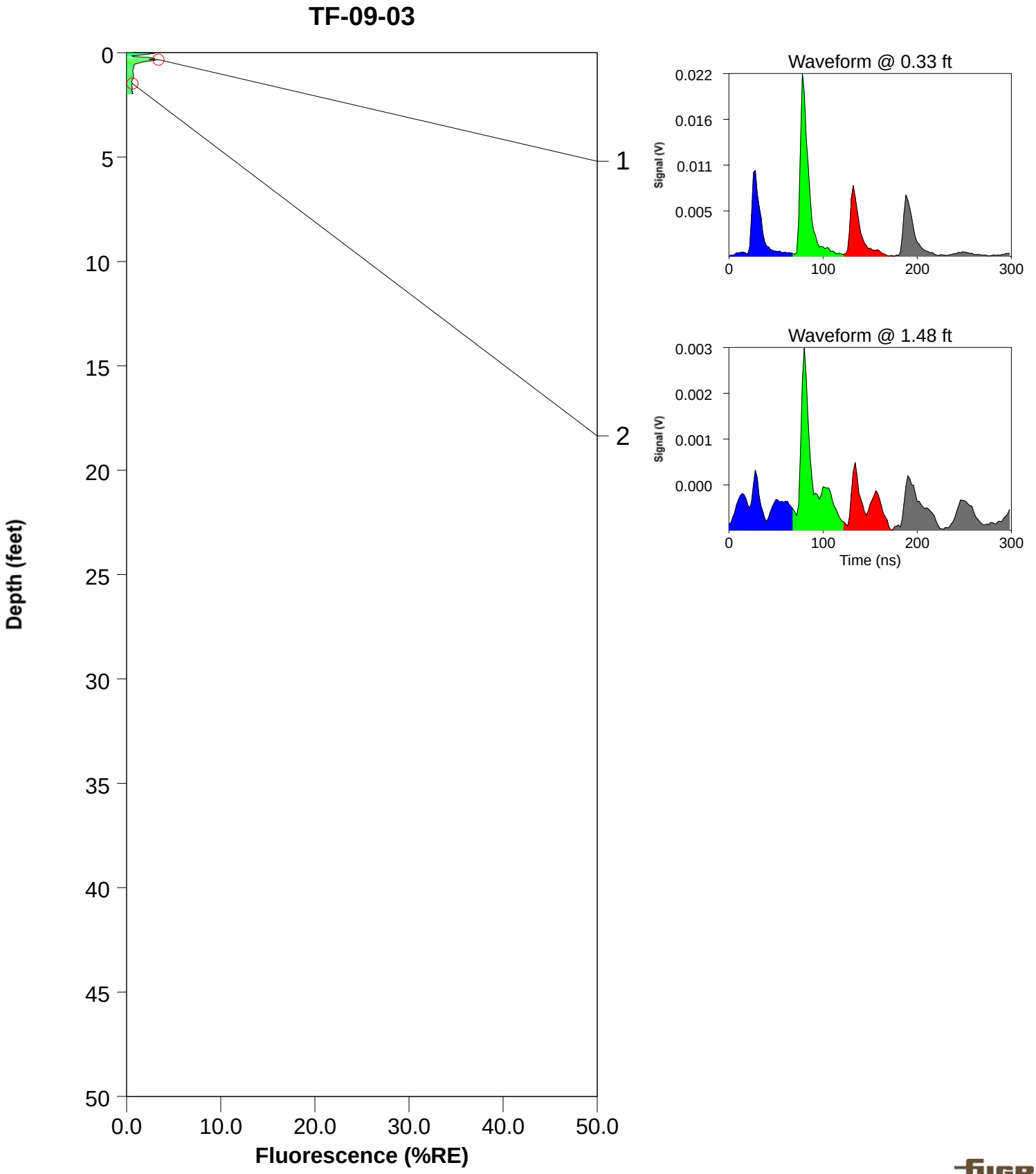






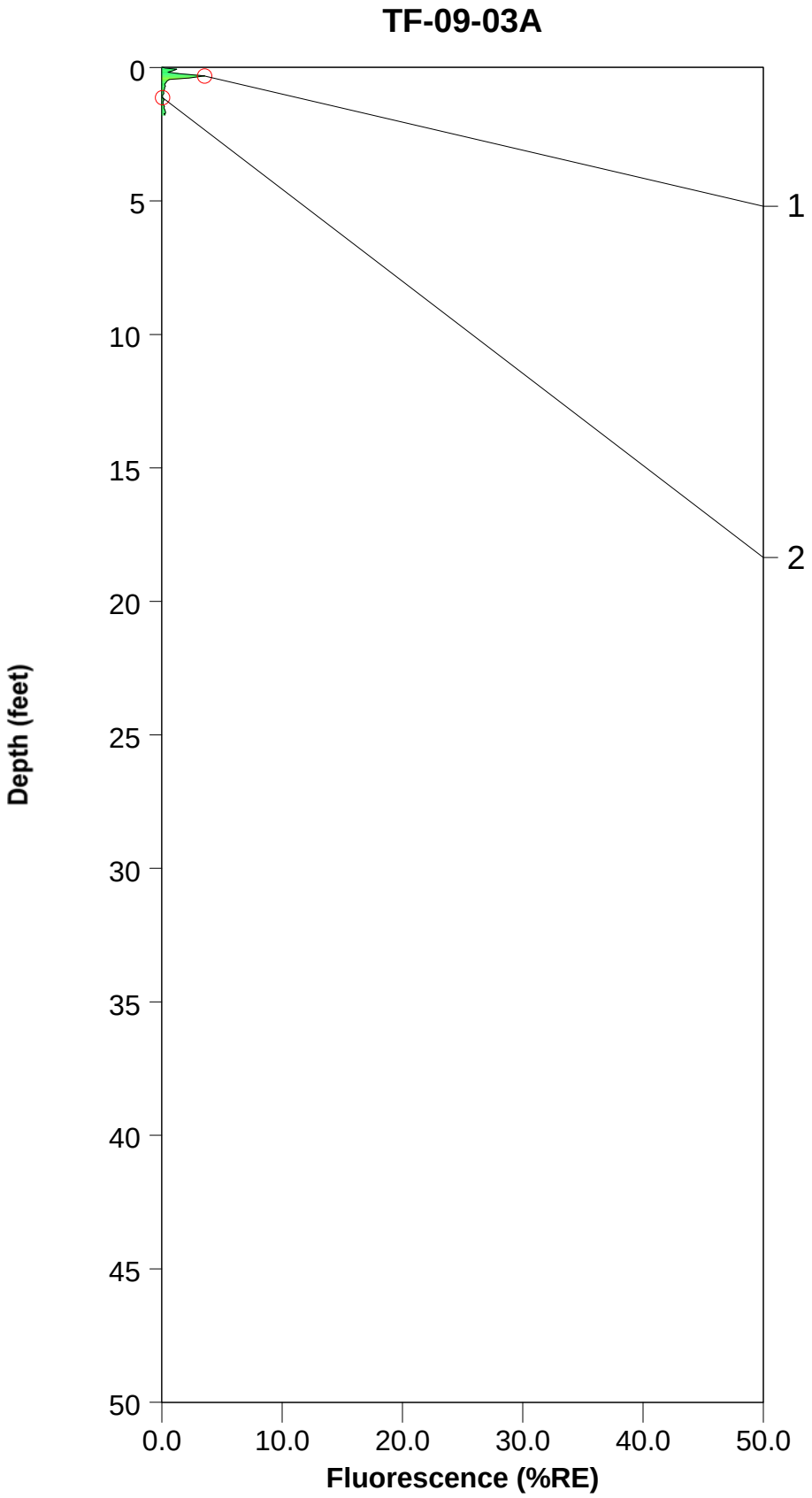
ROST Fluorescence Response Data

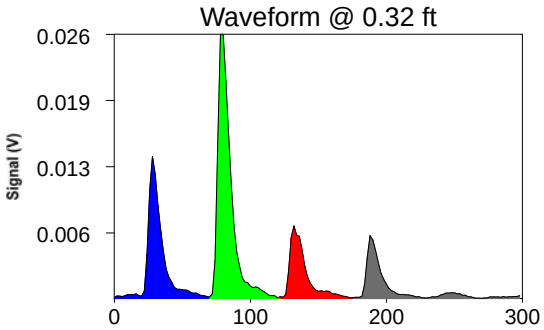
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 8:25:42 AM	Max fluorescence: 3.38% @ 0.33 ft
ROST Unit: 2	Final depth BGS: 1.97 ft

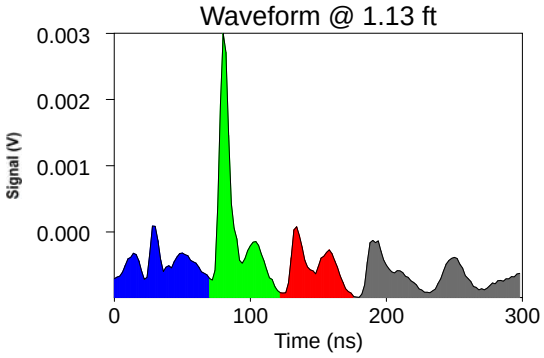


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 8:32:30 AM	Max fluorescence: 3.55% @ 0.32 ft
ROST Unit: 2	Final depth BGS: 1.78 ft

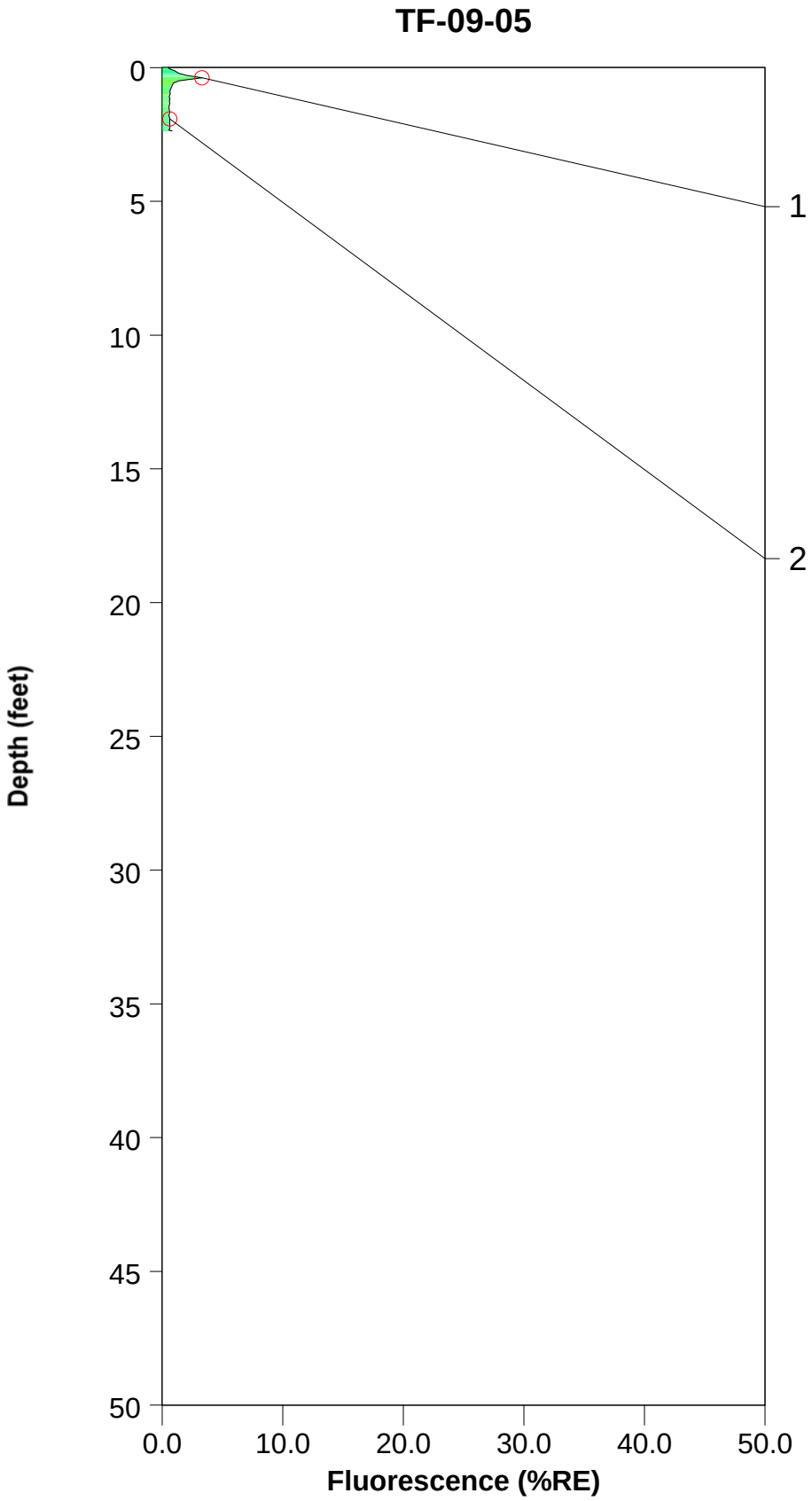


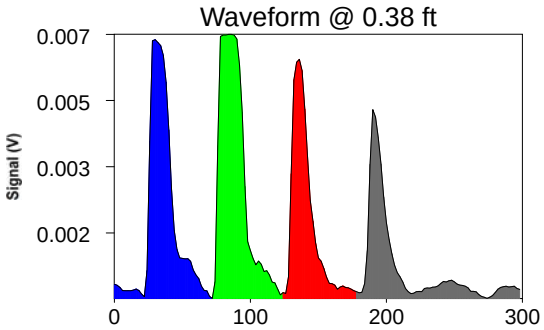


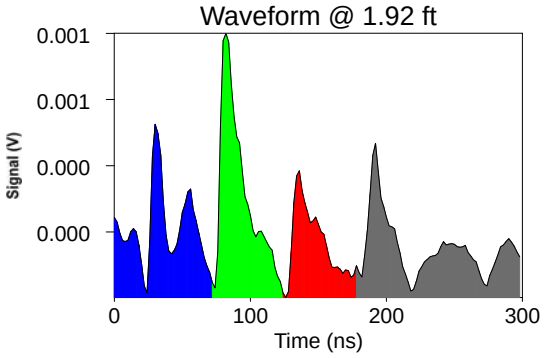


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 9:16:16 AM	Max fluorescence: 3.29% @ 0.38 ft
ROST Unit: 2	Final depth BGS: 2.36 ft

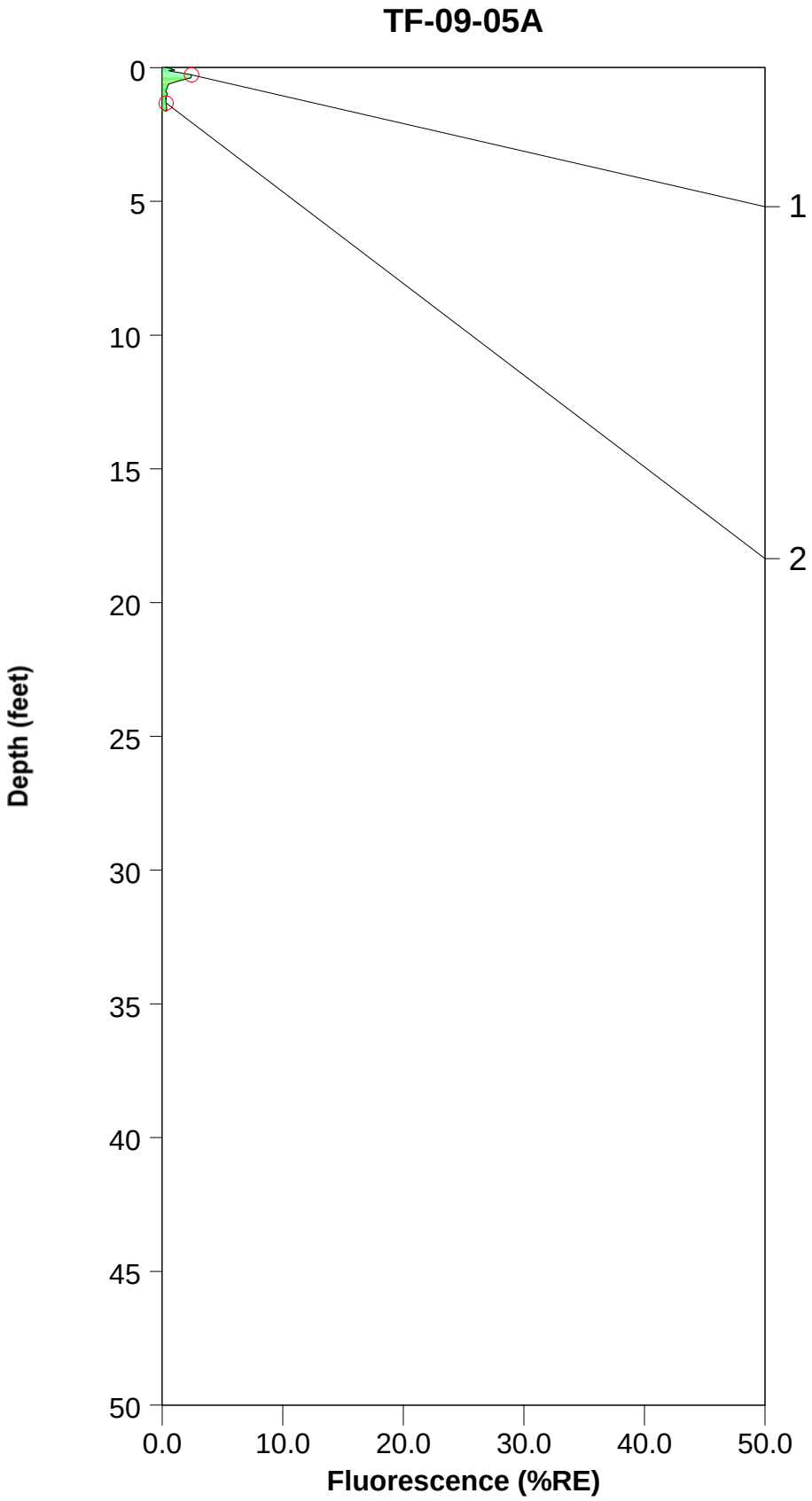


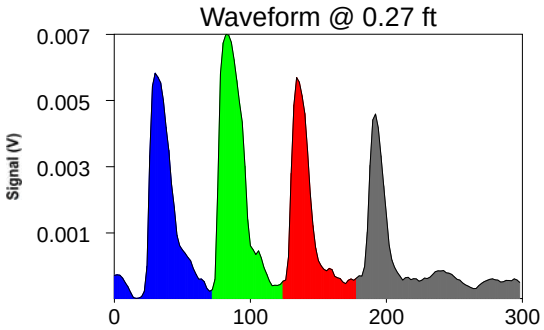


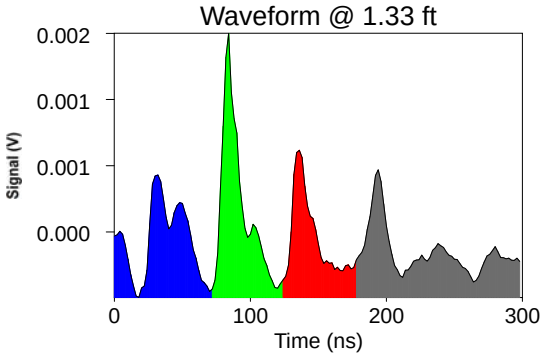


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 9:27:36 AM	Max fluorescence: 2.43% @ 0.27 ft
ROST Unit: 2	Final depth BGS: 1.64 ft

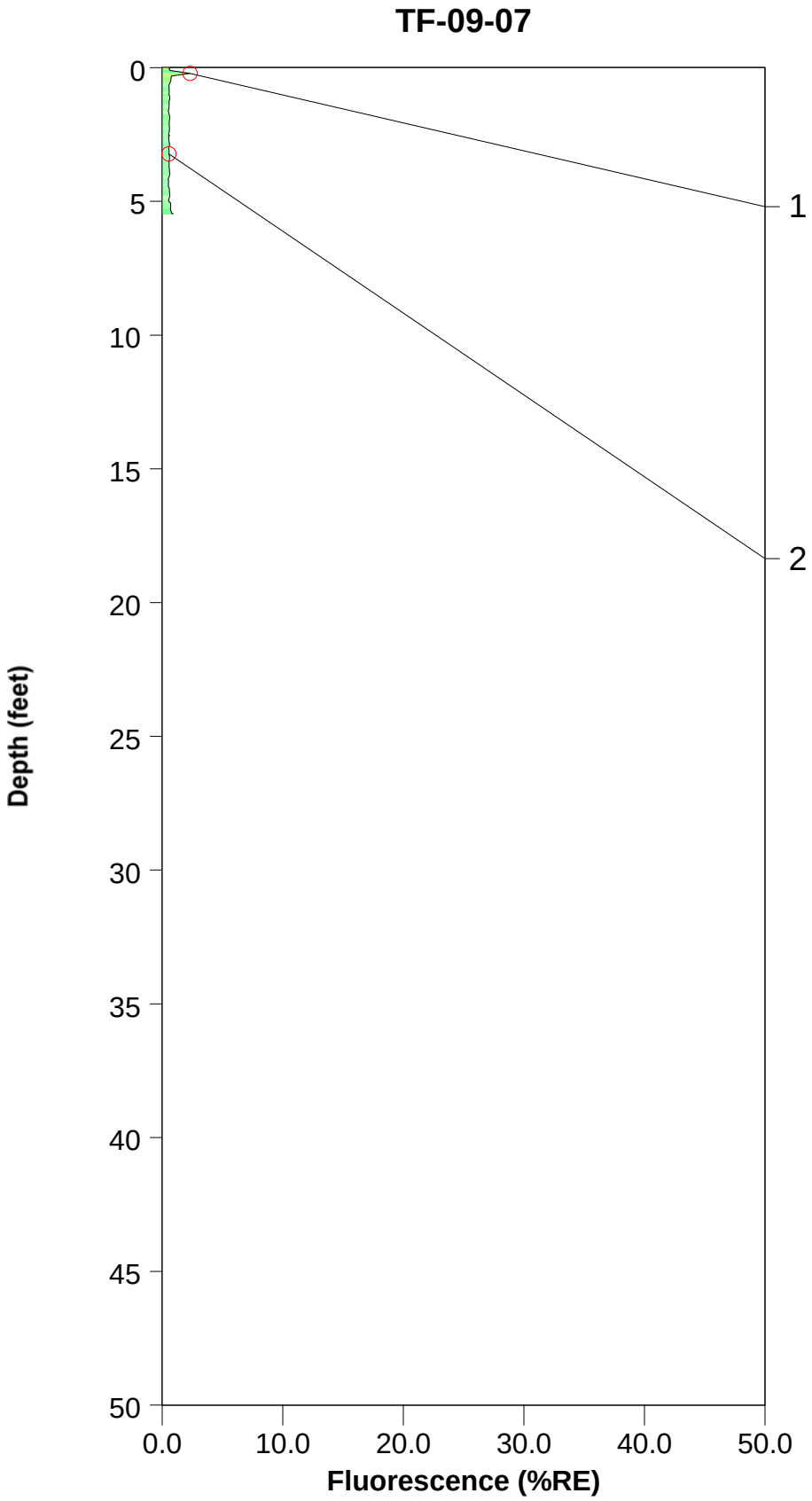


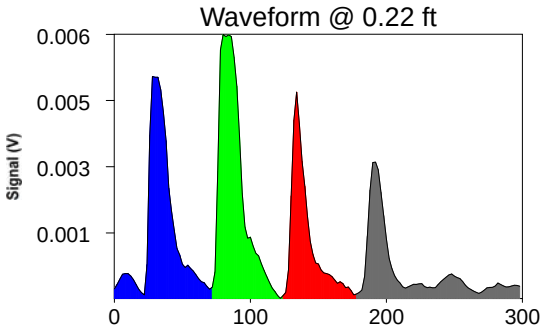


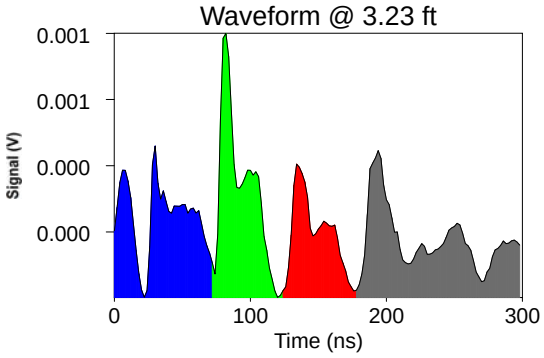


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 8:57:22 AM	Max fluorescence: 2.30% @ 0.22 ft
ROST Unit: 2	Final depth BGS: 5.47 ft

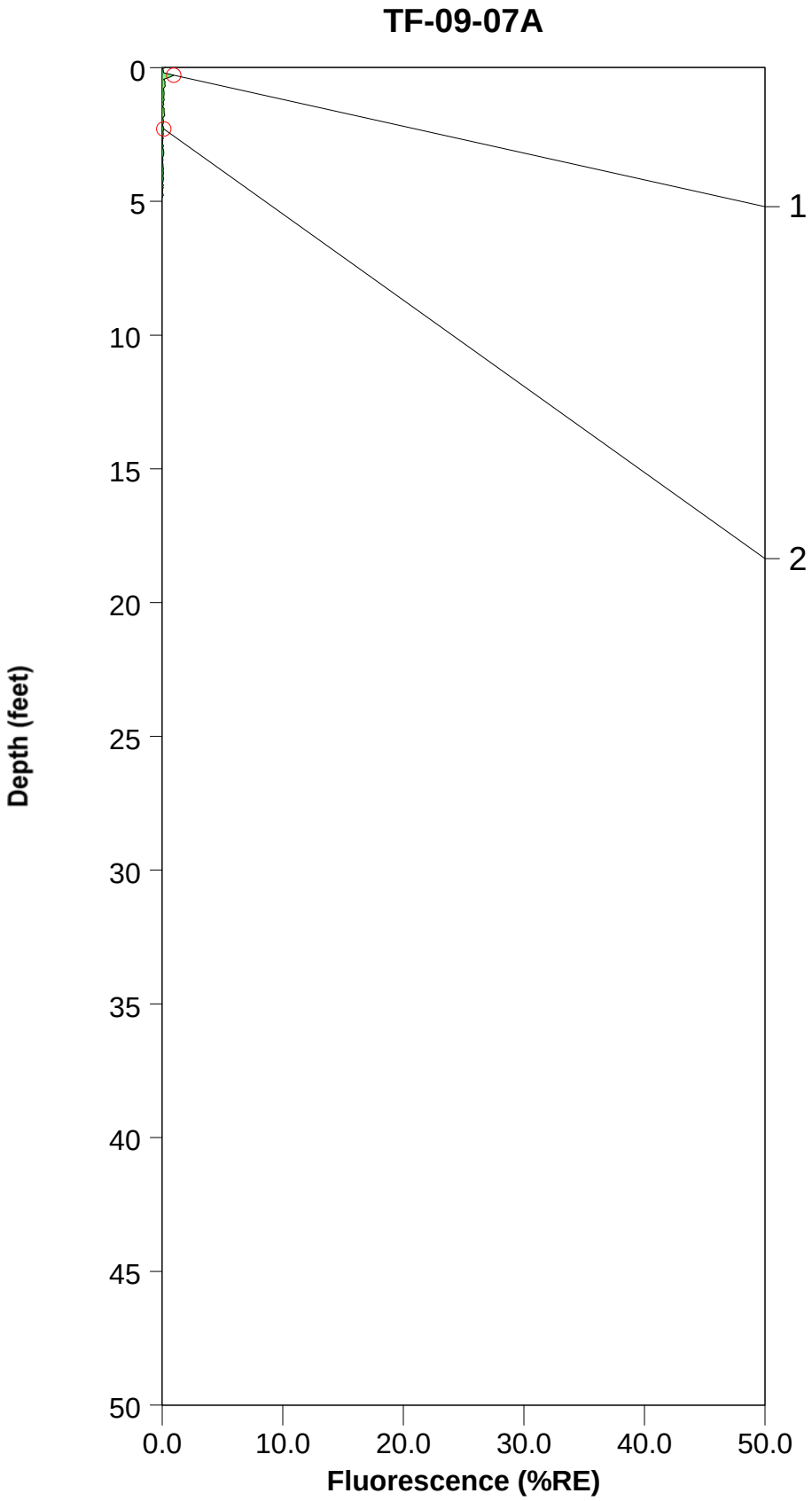


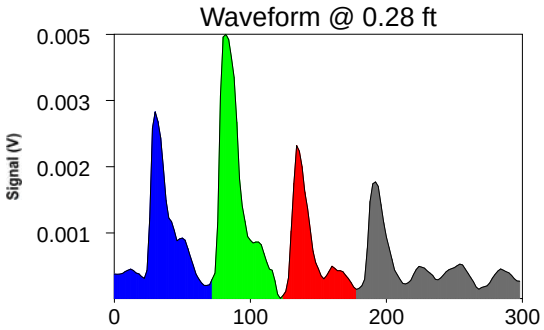


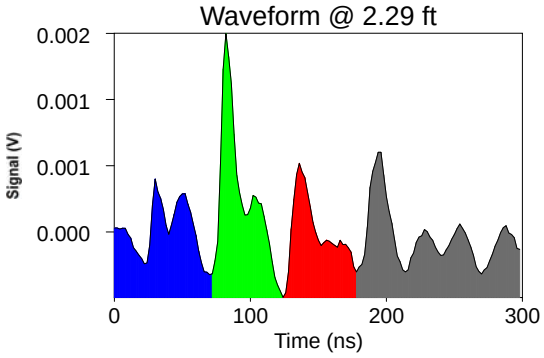


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 9:05:35 AM	Max fluorescence: 0.95% @ 0.28 ft
ROST Unit: 2	Final depth BGS: 4.85 ft

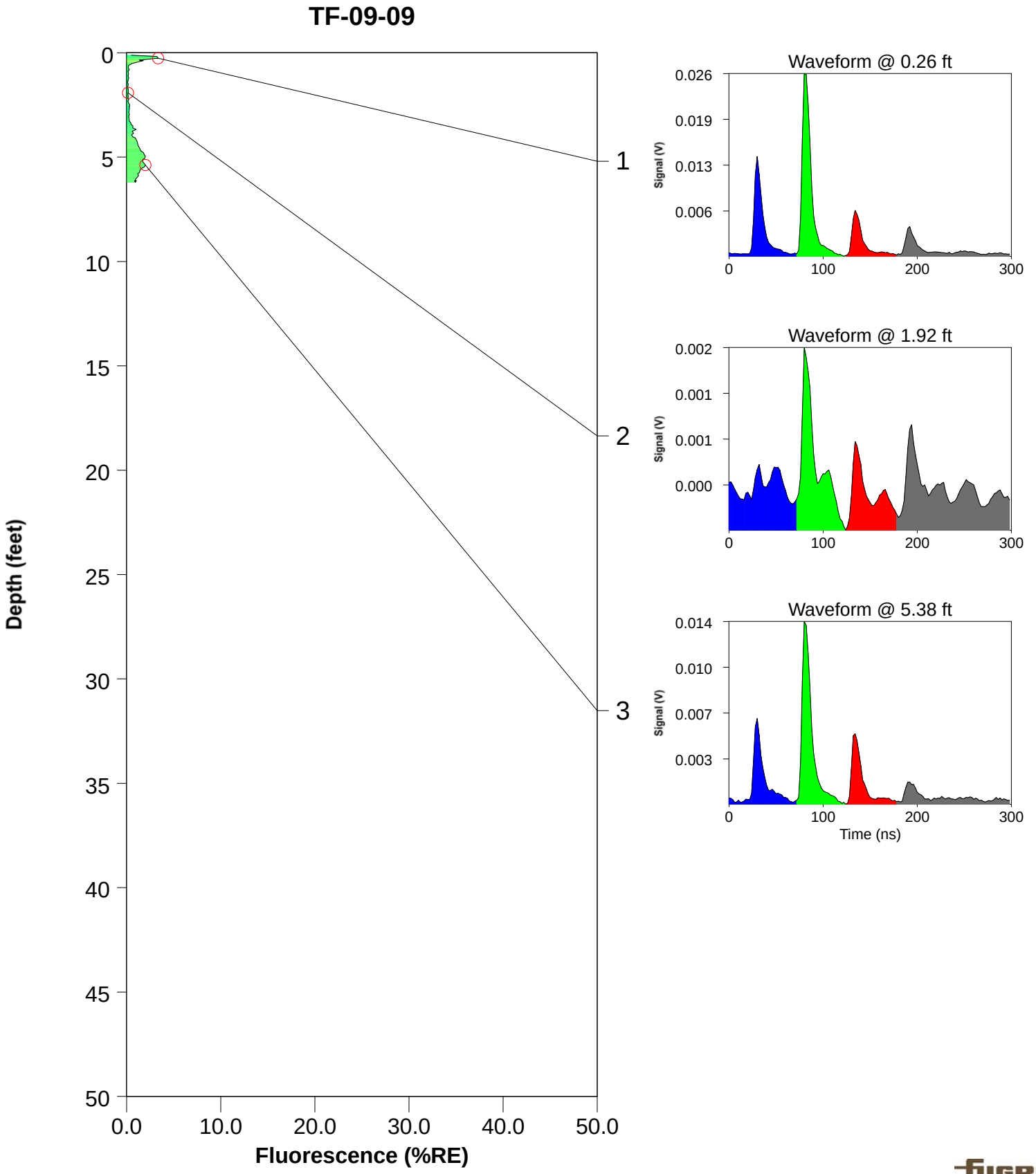






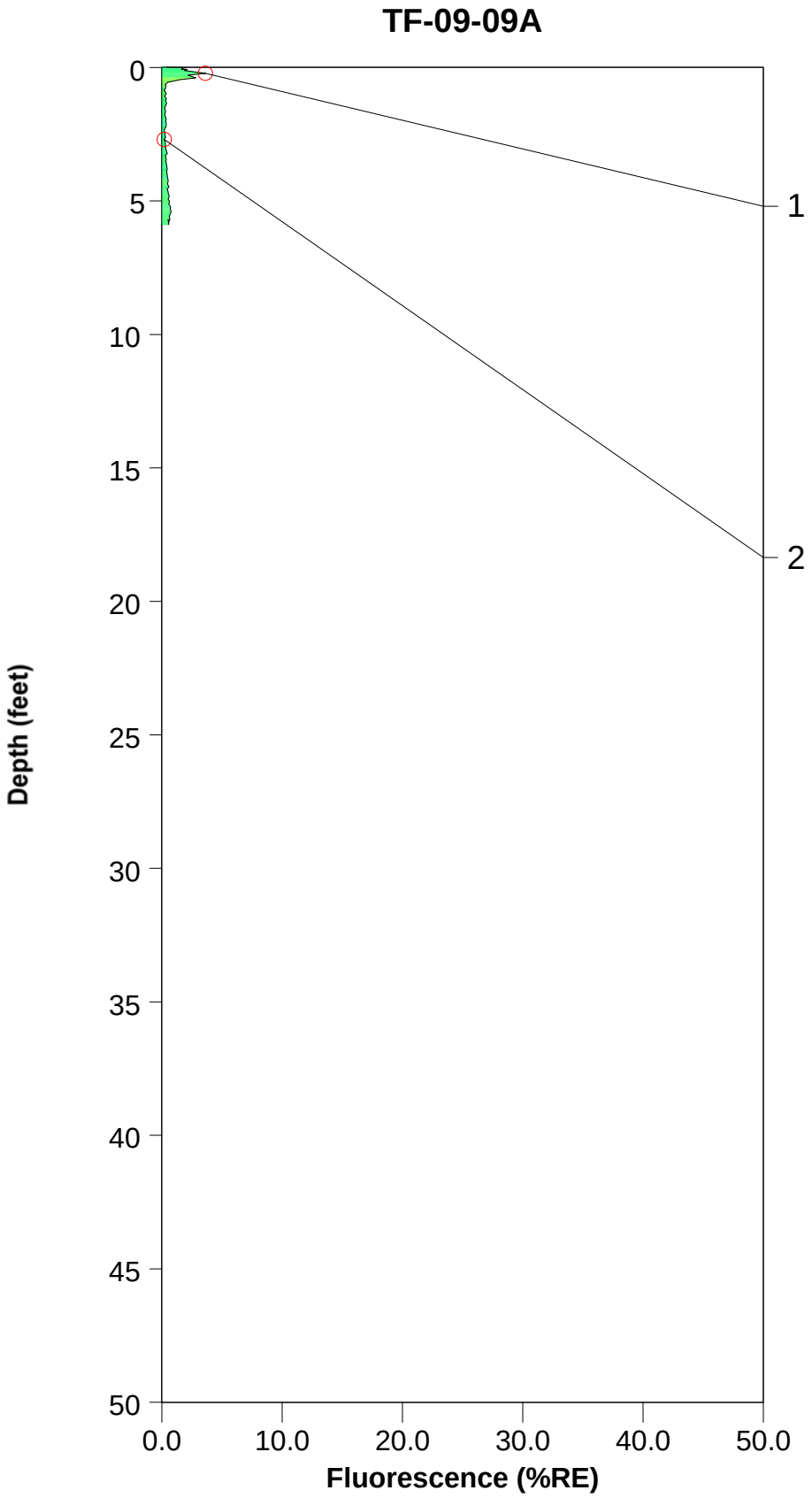
ROST Fluorescence Response Data

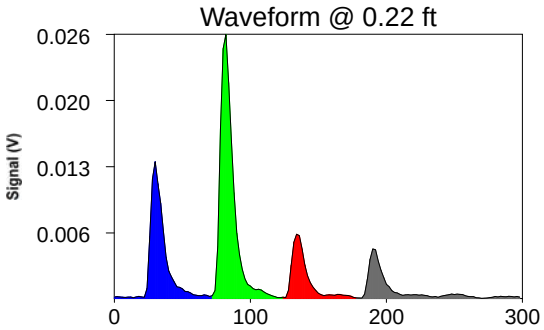
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 9:40:33 AM	Max fluorescence: 3.34% @ 0.26 ft
ROST Unit: 2	Final depth BGS: 6.21 ft

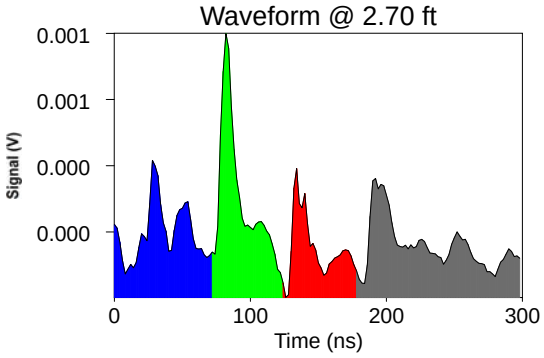


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/10/2015 @ 9:50:31 AM	Max fluorescence: 3.62% @ 0.22 ft
ROST Unit: 2	Final depth BGS: 5.88 ft

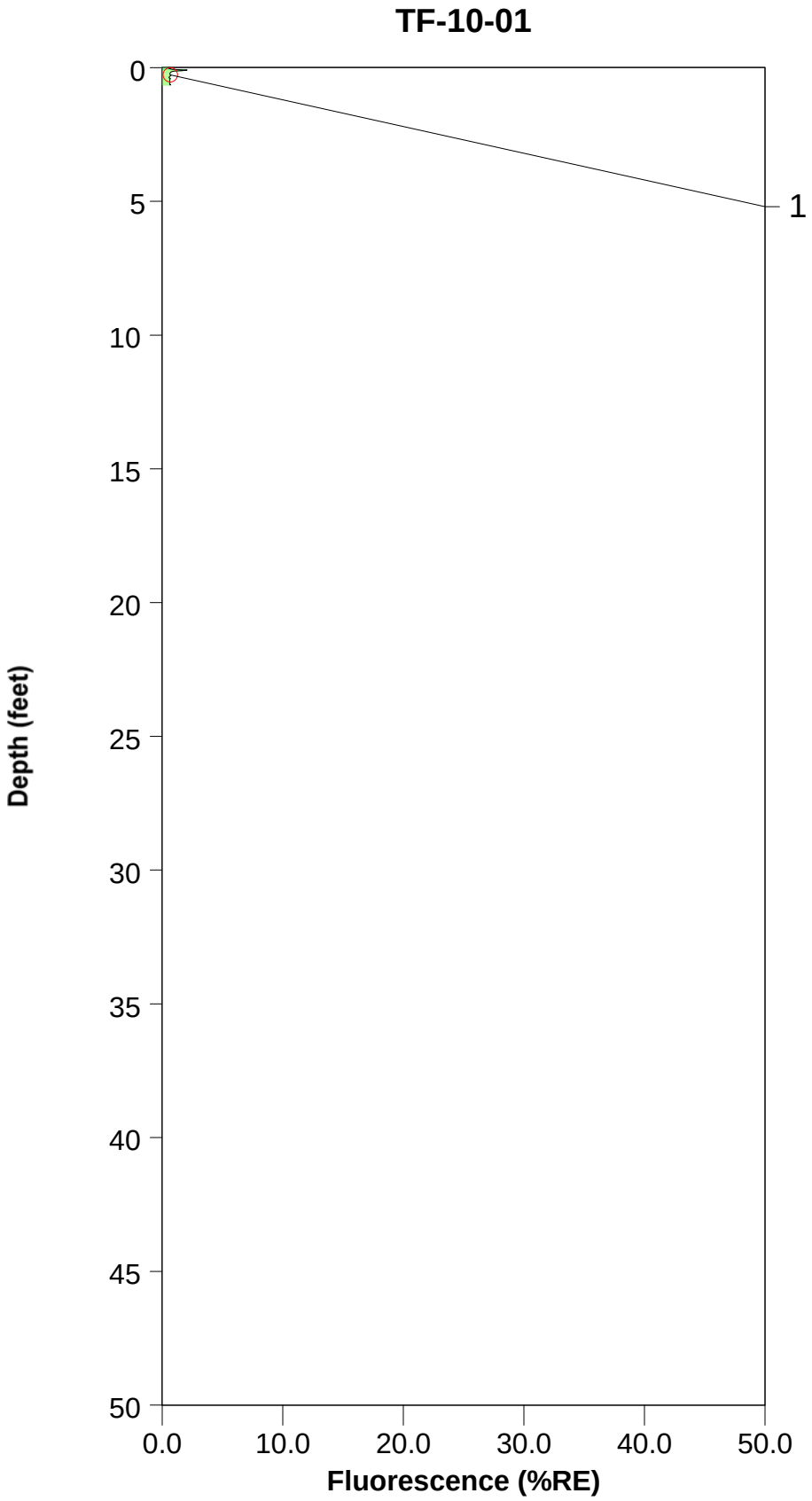


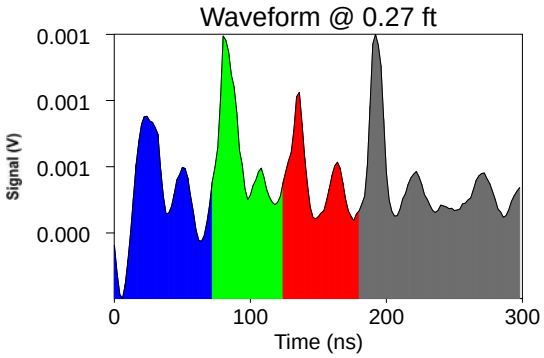




ROST Fluorescence Response Data

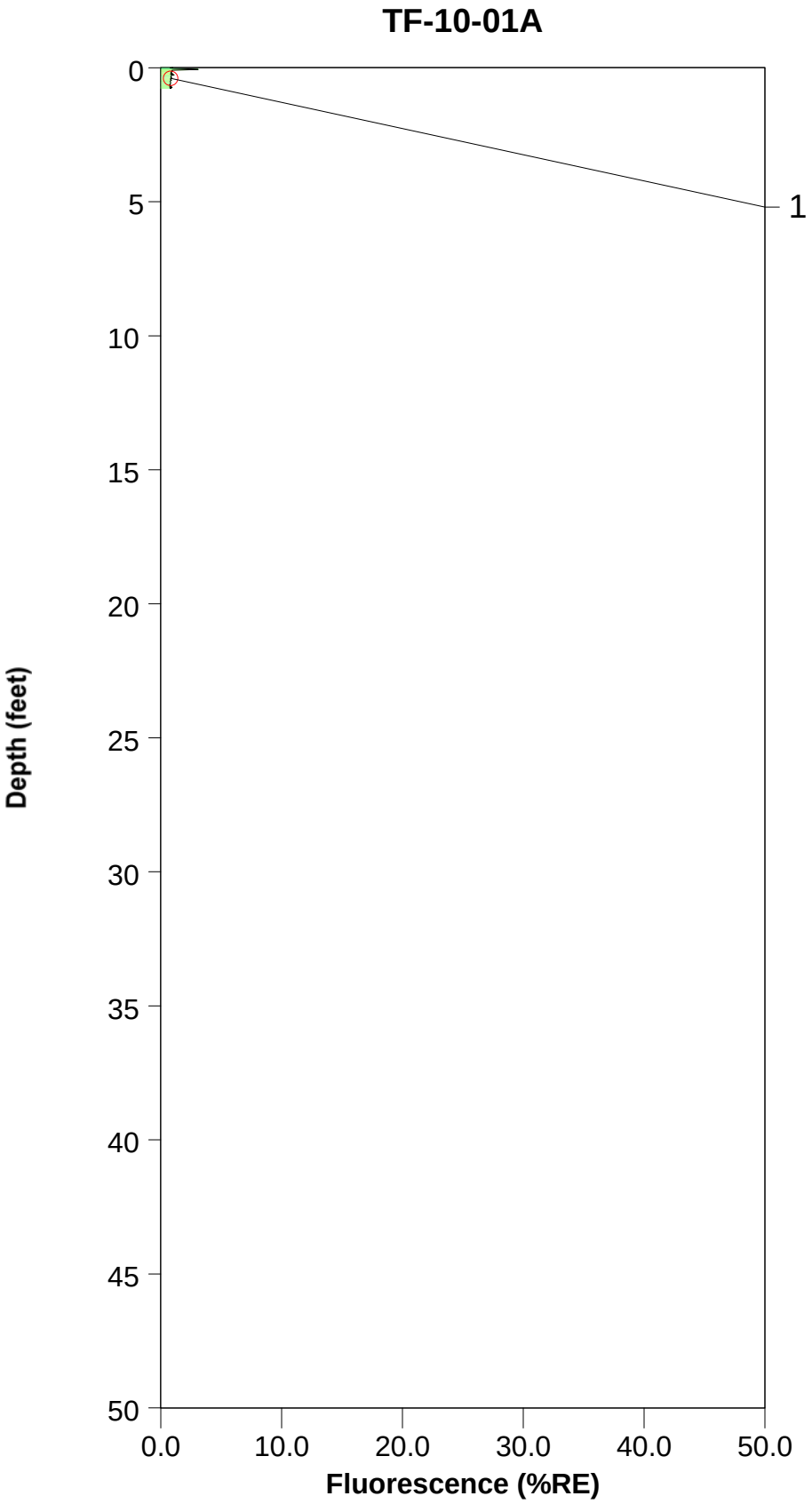
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 4:37:33 PM	Max fluorescence: 2.06% @ 0.09 ft
ROST Unit: ?	Final depth BGS: 0.65 ft

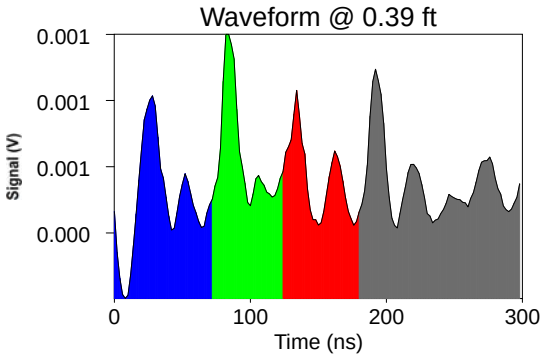




ROST Fluorescence Response Data

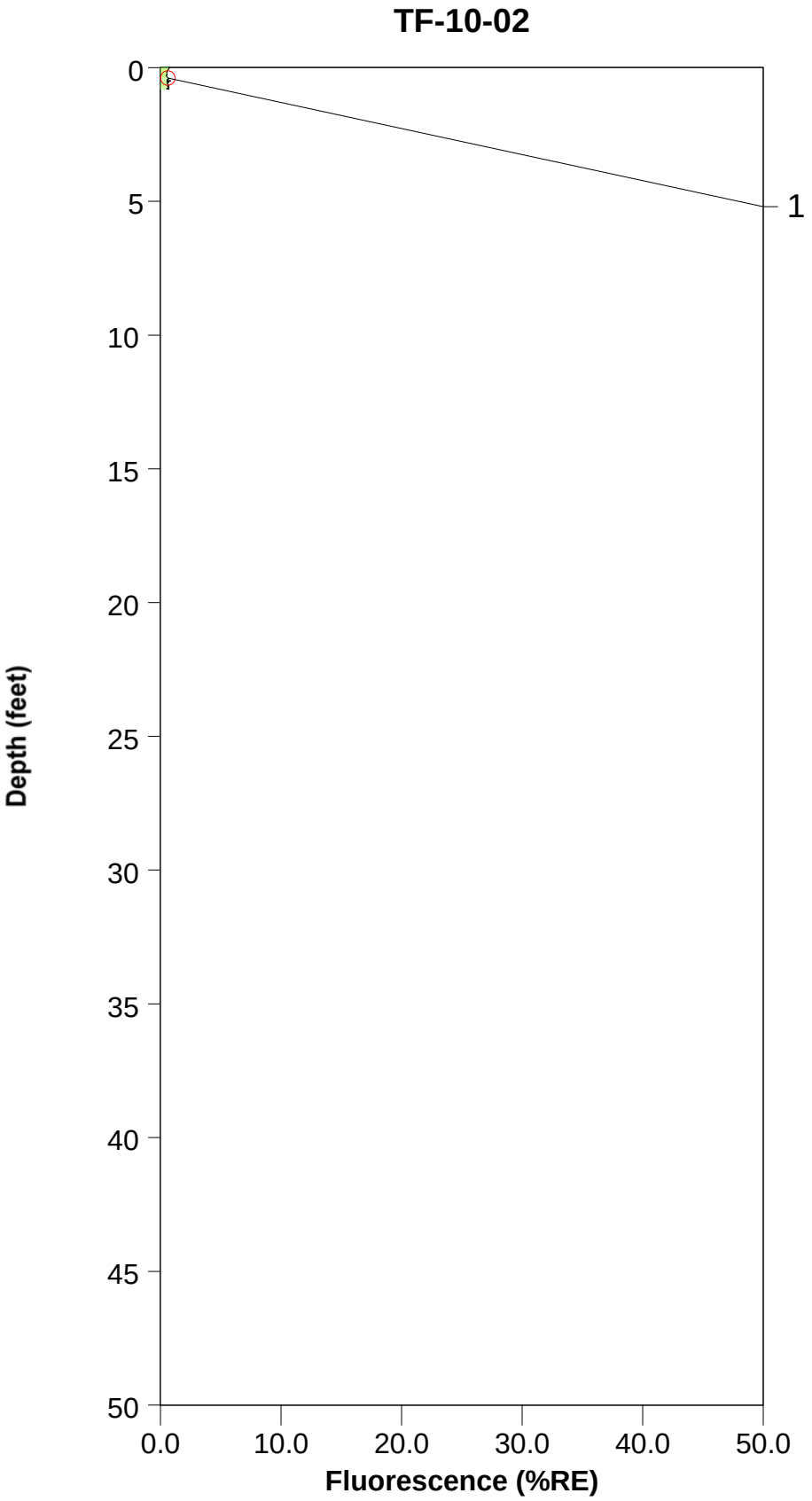
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 4:44:47 PM	Max fluorescence: 3.09% @ 0.07 ft
ROST Unit: ?	Final depth BGS: 0.76 ft

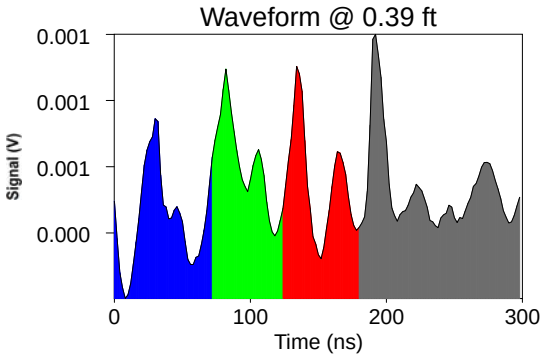




ROST Fluorescence Response Data

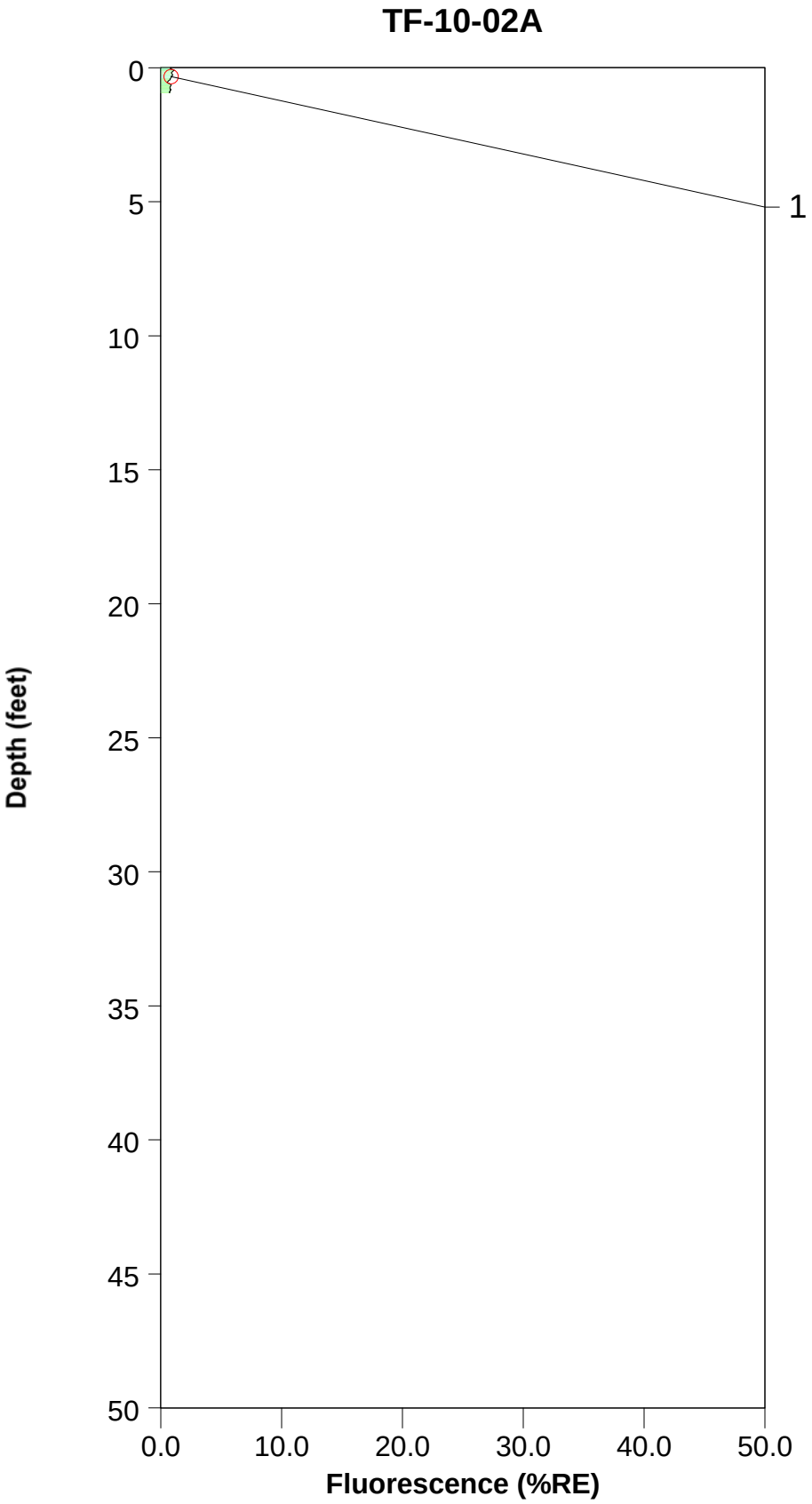
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 4:21:43 PM	Max fluorescence: 0.85% @ 0.50 ft
ROST Unit: ?	Final depth BGS: 0.80 ft

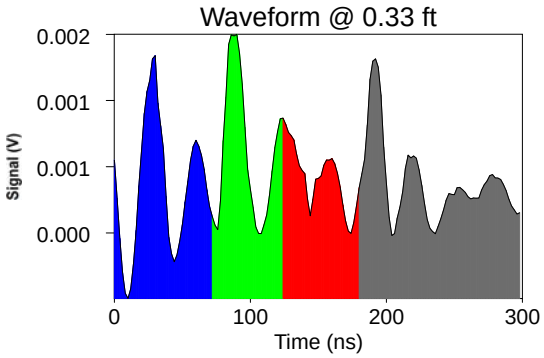




ROST Fluorescence Response Data

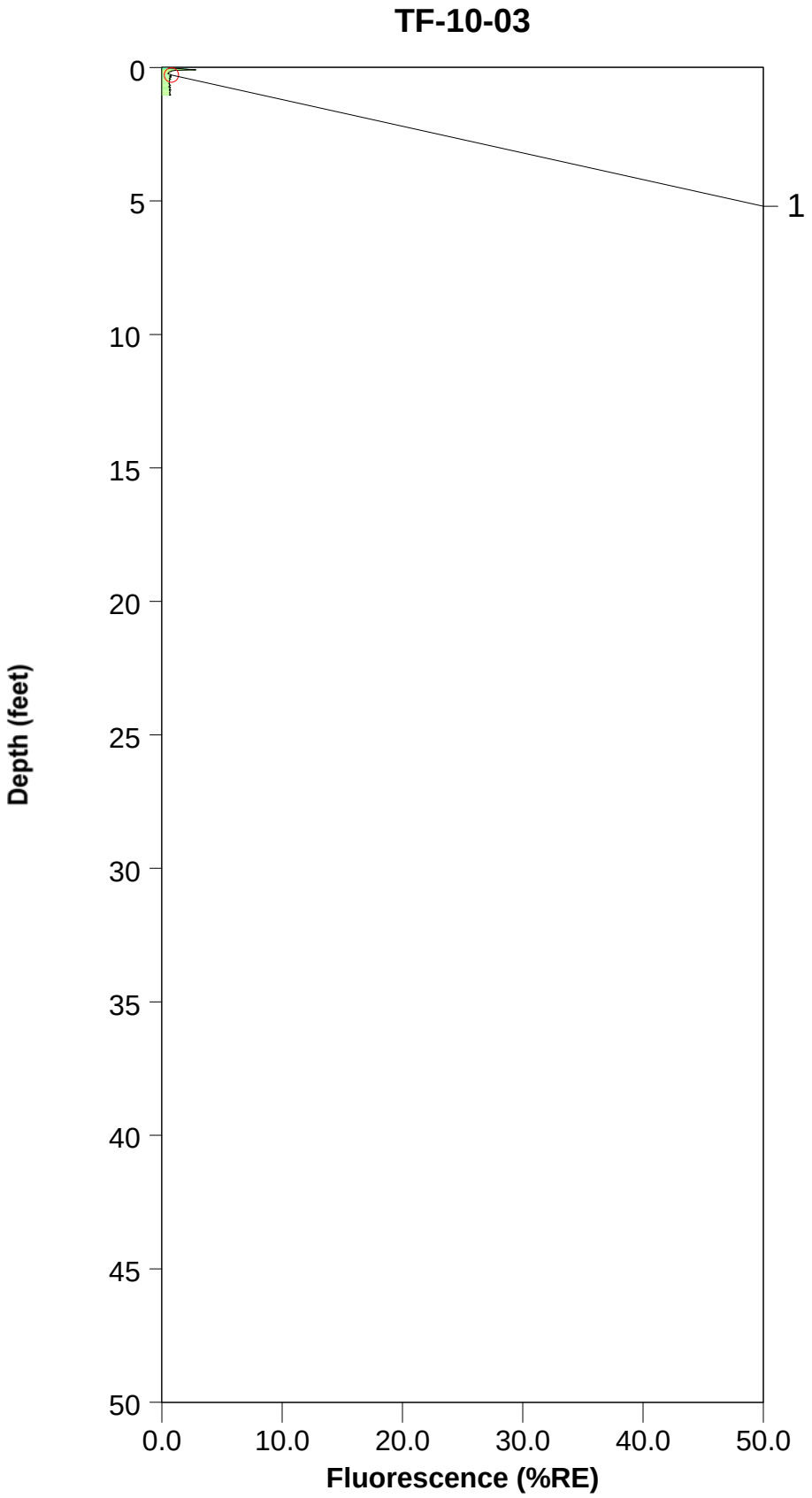
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 4:28:46 PM	Max fluorescence: 1.12% @ 0.09 ft
ROST Unit: ?	Final depth BGS: 0.93 ft

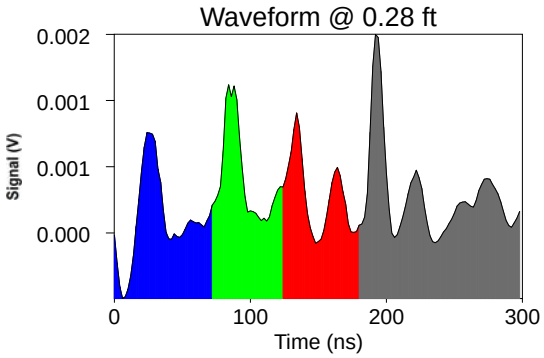




ROST Fluorescence Response Data

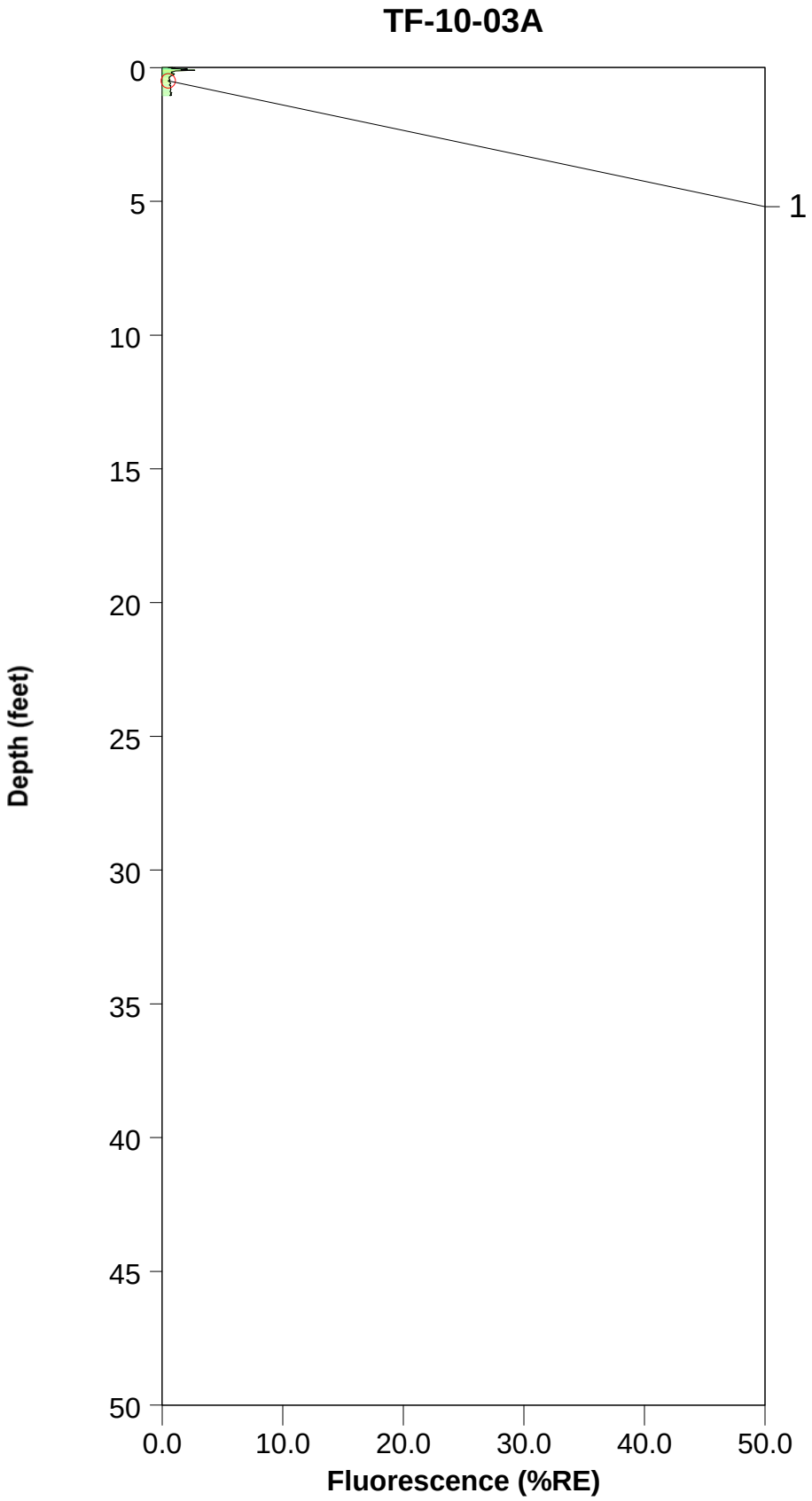
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 4:02:24 PM	Max fluorescence: 2.82% @ 0.09 ft
ROST Unit: ?	Final depth BGS: 1.04 ft

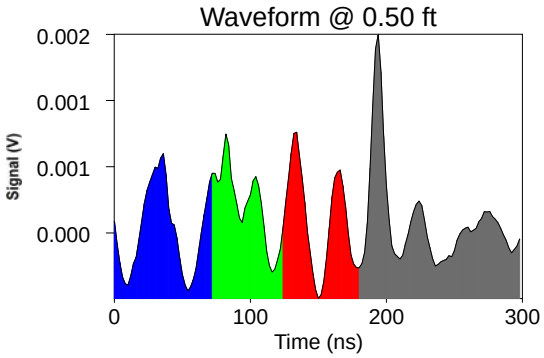




ROST Fluorescence Response Data

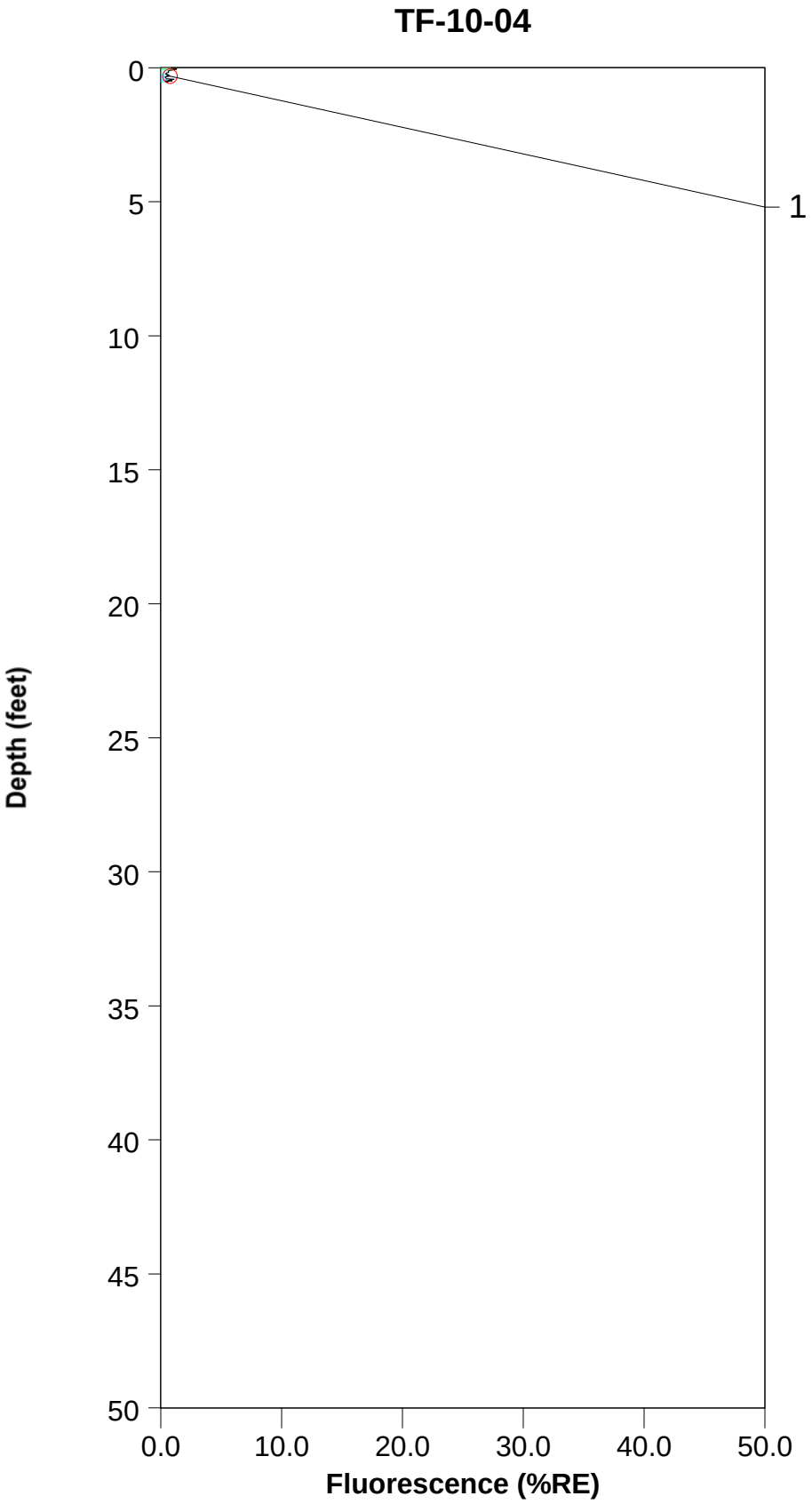
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 4:09:01 PM	Max fluorescence: 2.71% @ 0.10 ft
ROST Unit: ?	Final depth BGS: 1.05 ft

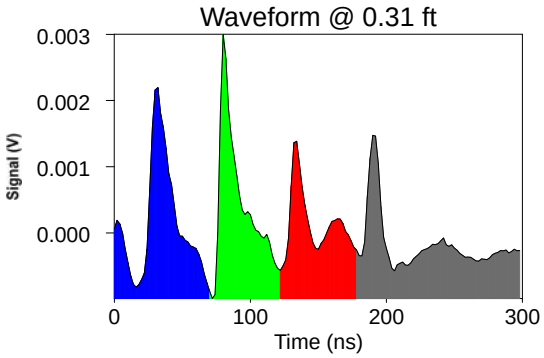




ROST Fluorescence Response Data

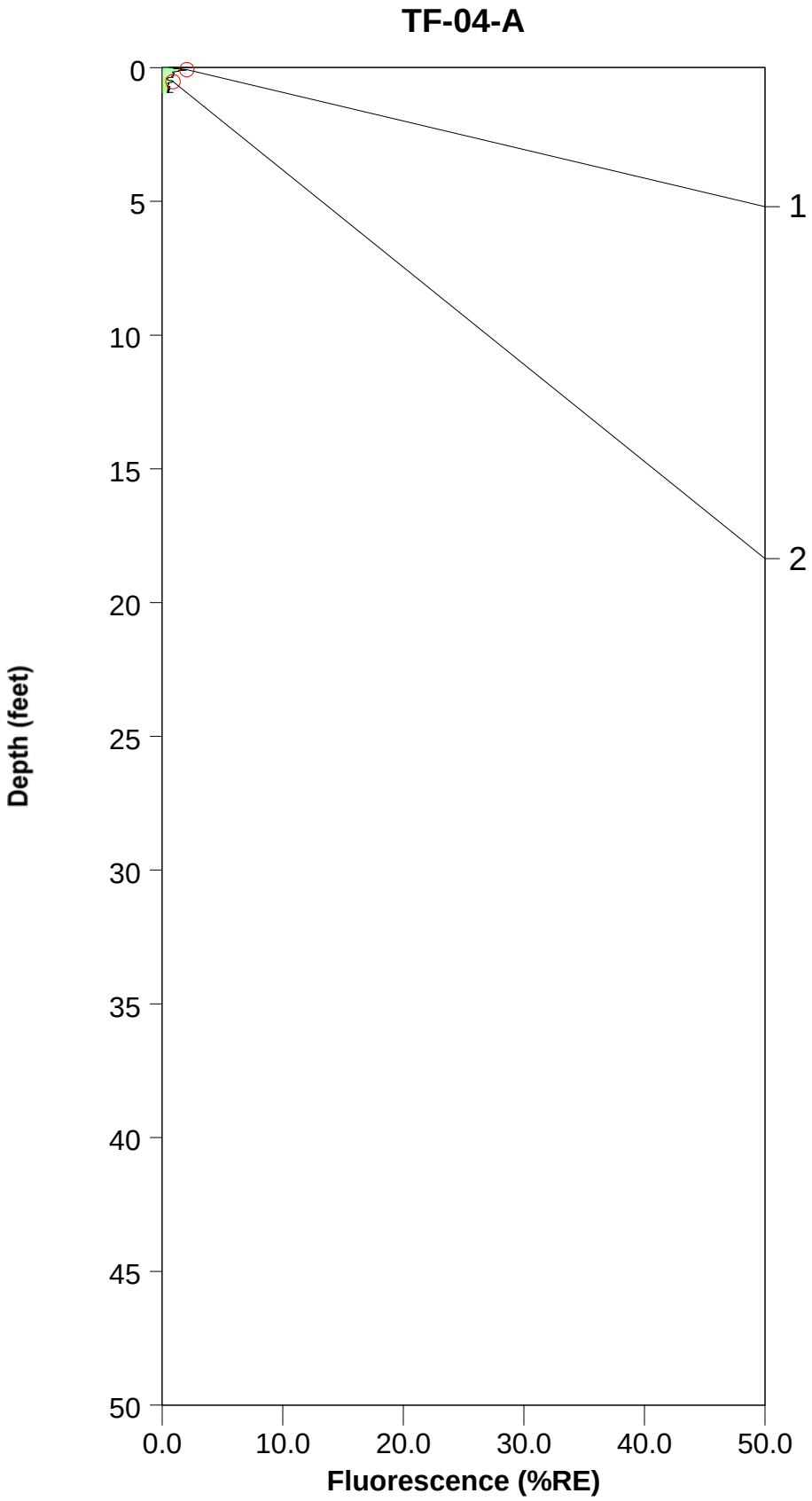
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 11:34:47 AM	Max fluorescence: 1.32% @ 0.05 ft
ROST Unit: ?	Final depth BGS: 0.52 ft

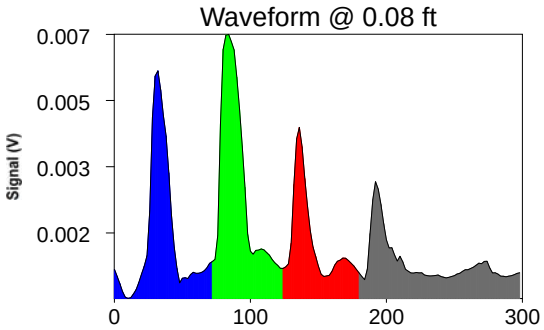


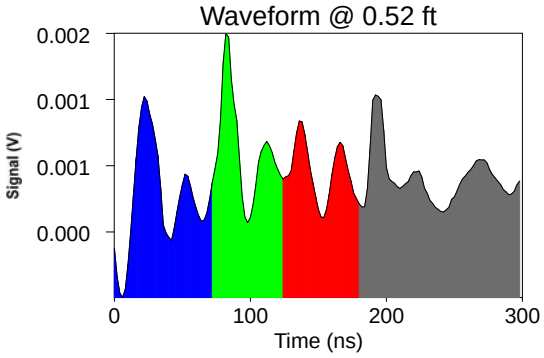


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 3:50:05 PM	Max fluorescence: 2.47% @ 0.01 ft
ROST Unit: ?	Final depth BGS: 0.93 ft

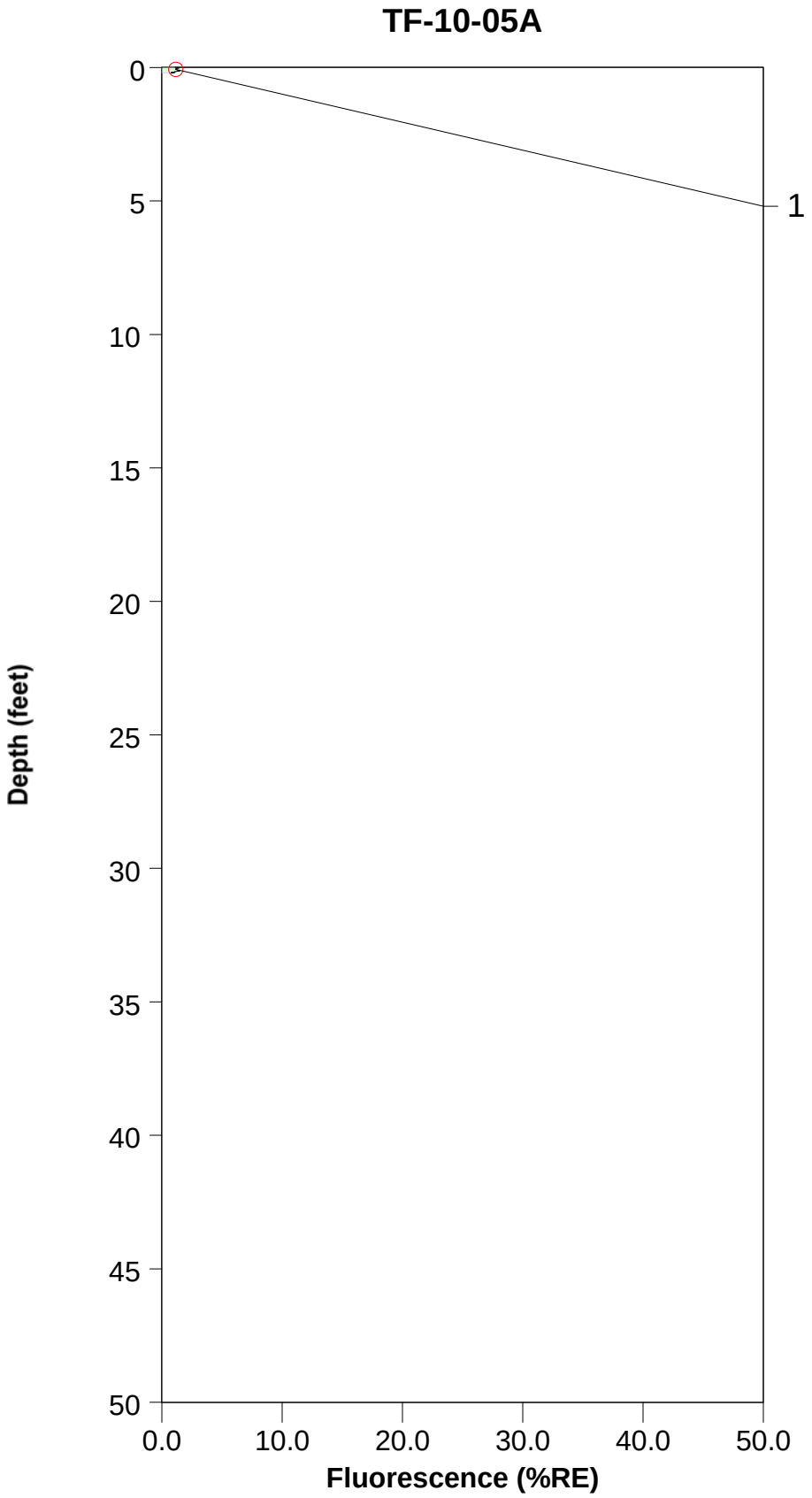


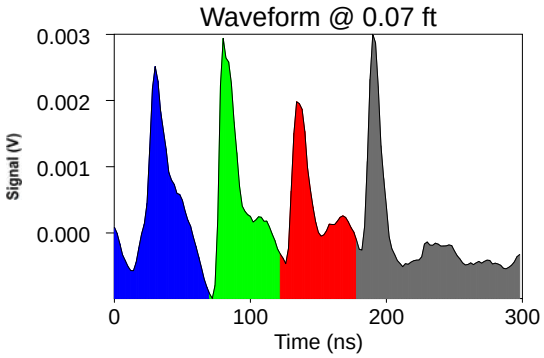




ROST Fluorescence Response Data

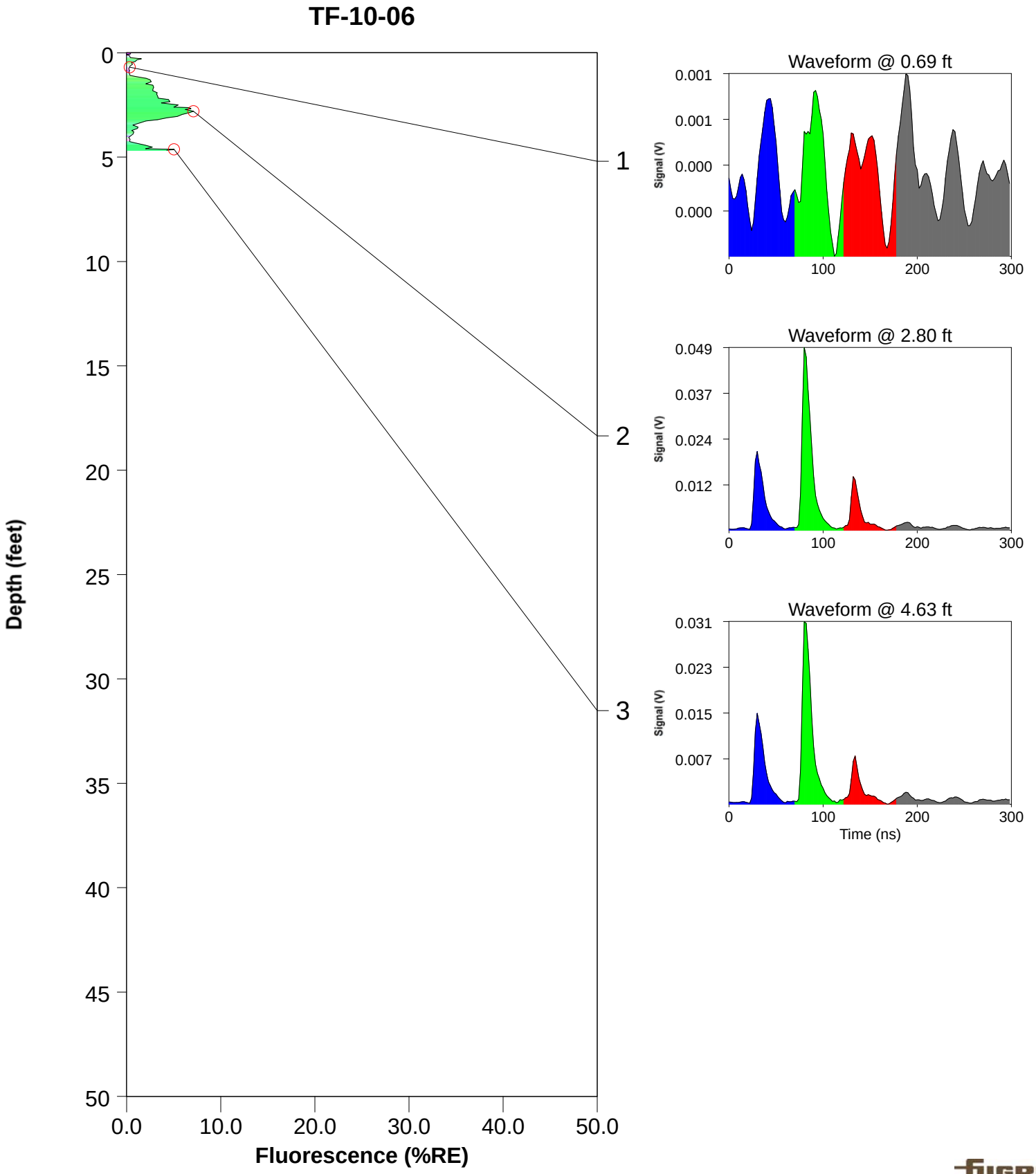
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 11:20:42 AM	Max fluorescence: 1.50% @ 0.13 ft
ROST Unit: ?	Final depth BGS: 0.20 ft





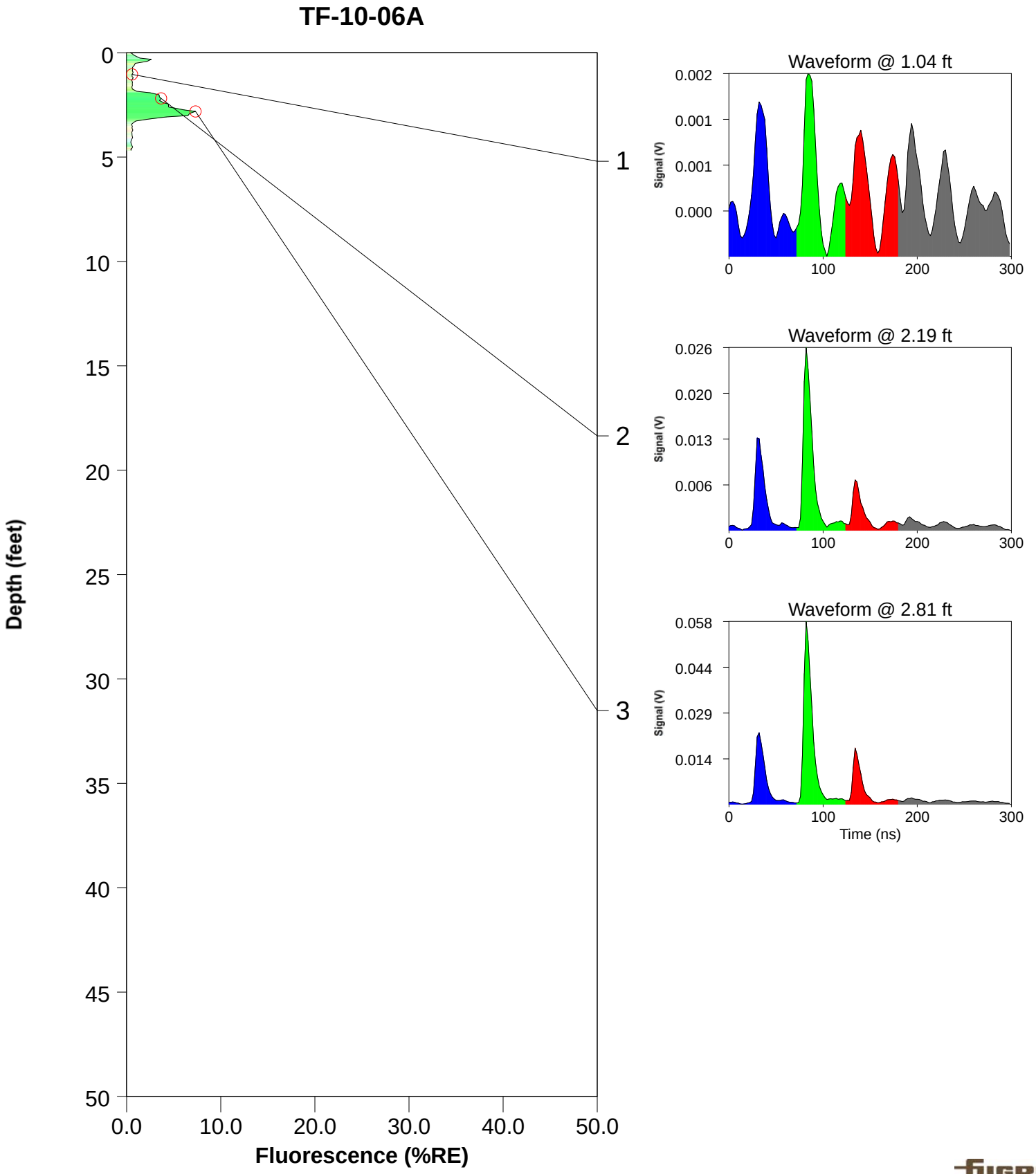
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 9:16:36 AM	Max fluorescence: 7.10% @ 2.80 ft
ROST Unit: 2	Final depth BGS: 4.67 ft



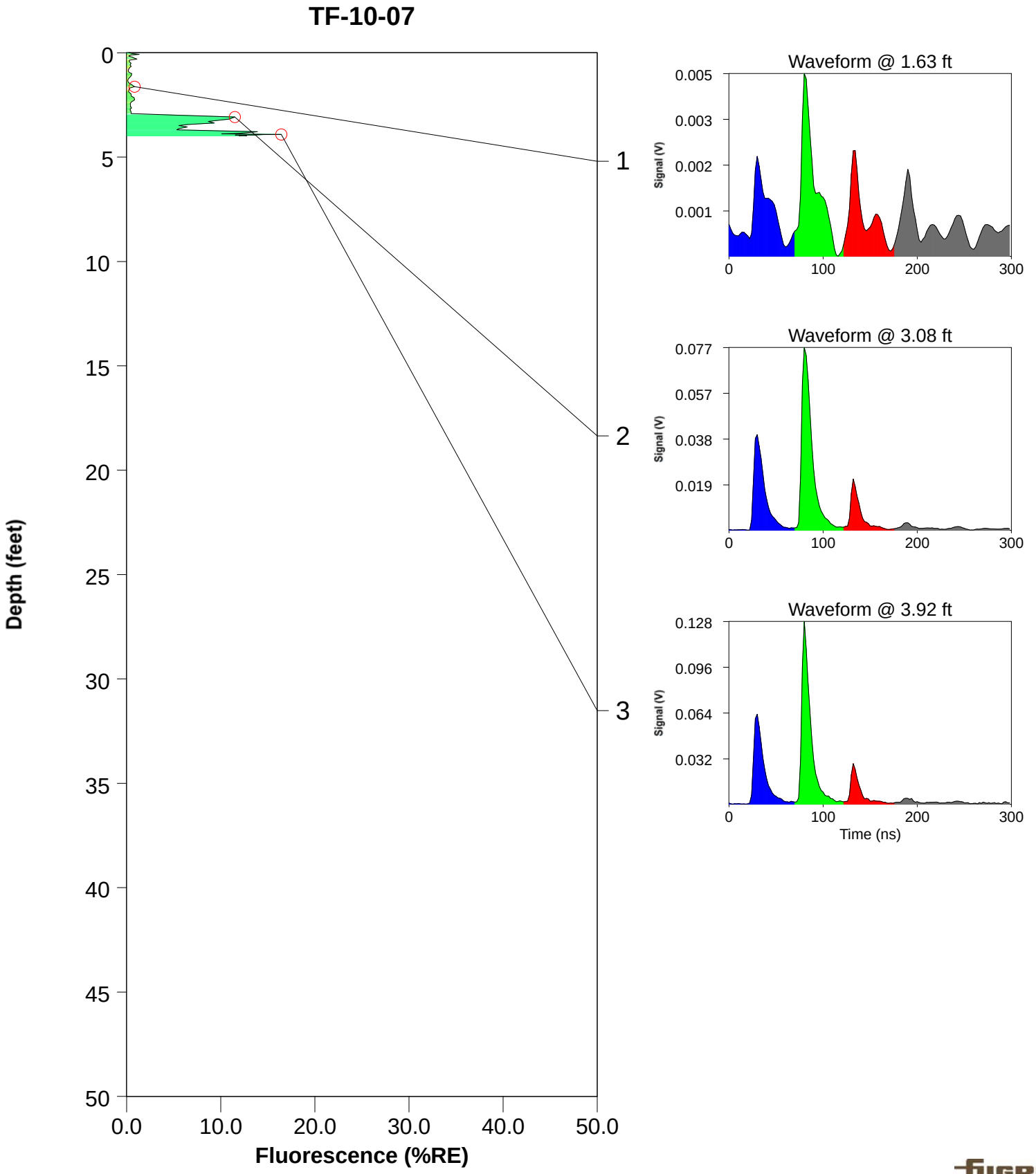
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 9:25:45 AM	Max fluorescence: 7.31% @ 2.81 ft
ROST Unit: 2	Final depth BGS: 4.68 ft



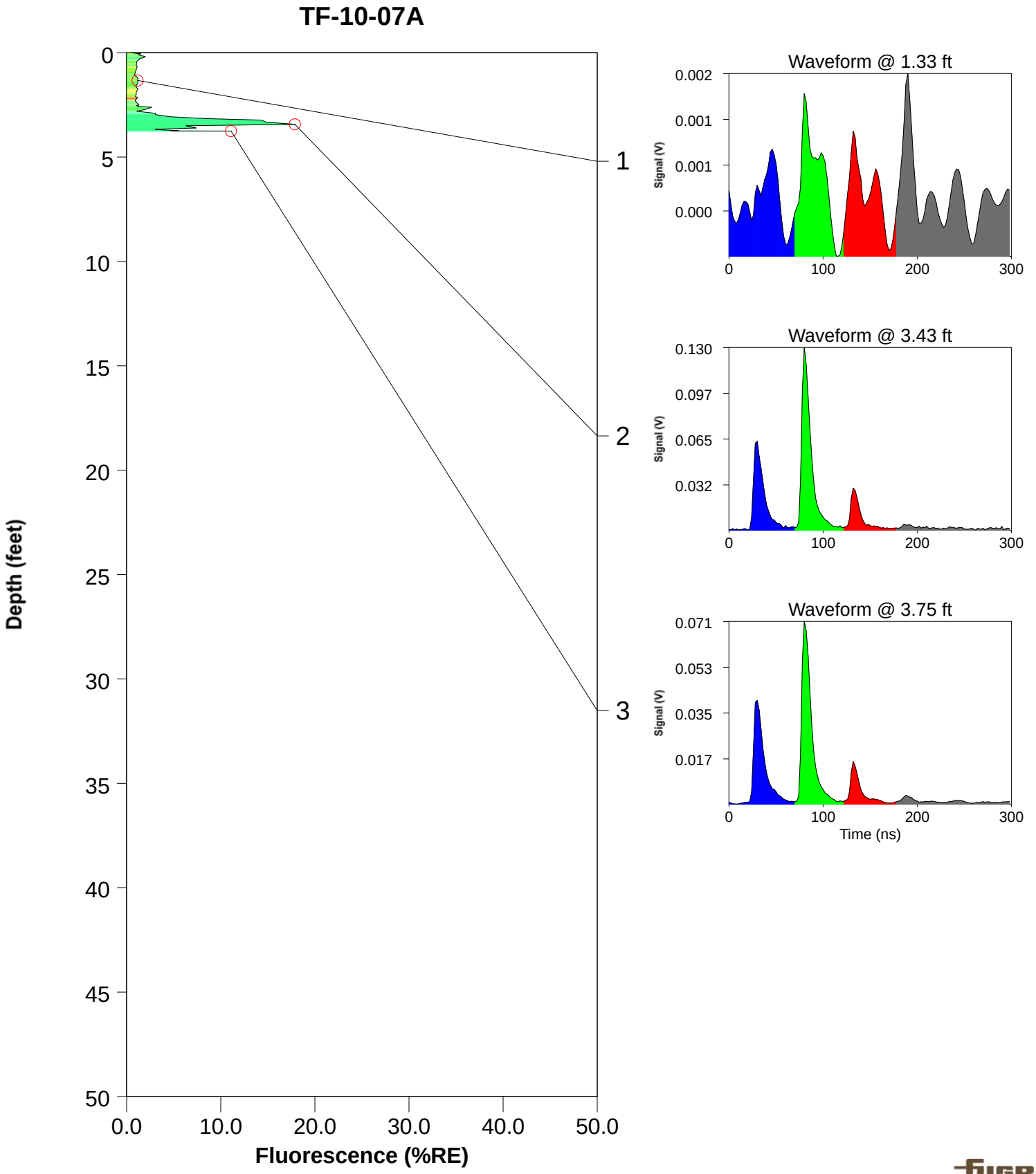
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 8:58:42 AM	Max fluorescence: 16.43% @ 3.92 ft
ROST Unit: 2	Final depth BGS: 3.98 ft



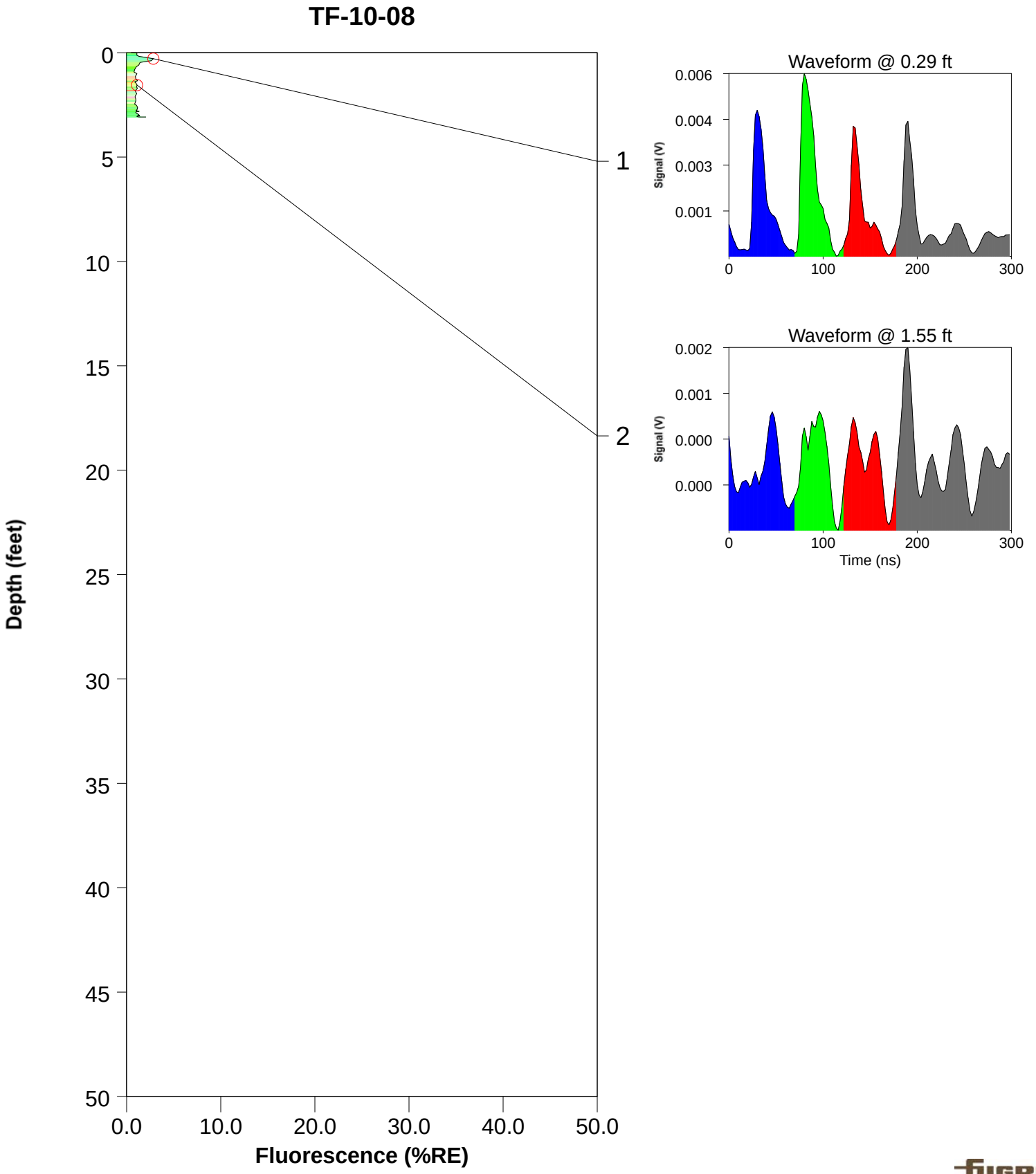
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 9:05:40 AM	Max fluorescence: 17.87% @ 3.43 ft
ROST Unit: 2	Final depth BGS: 3.75 ft



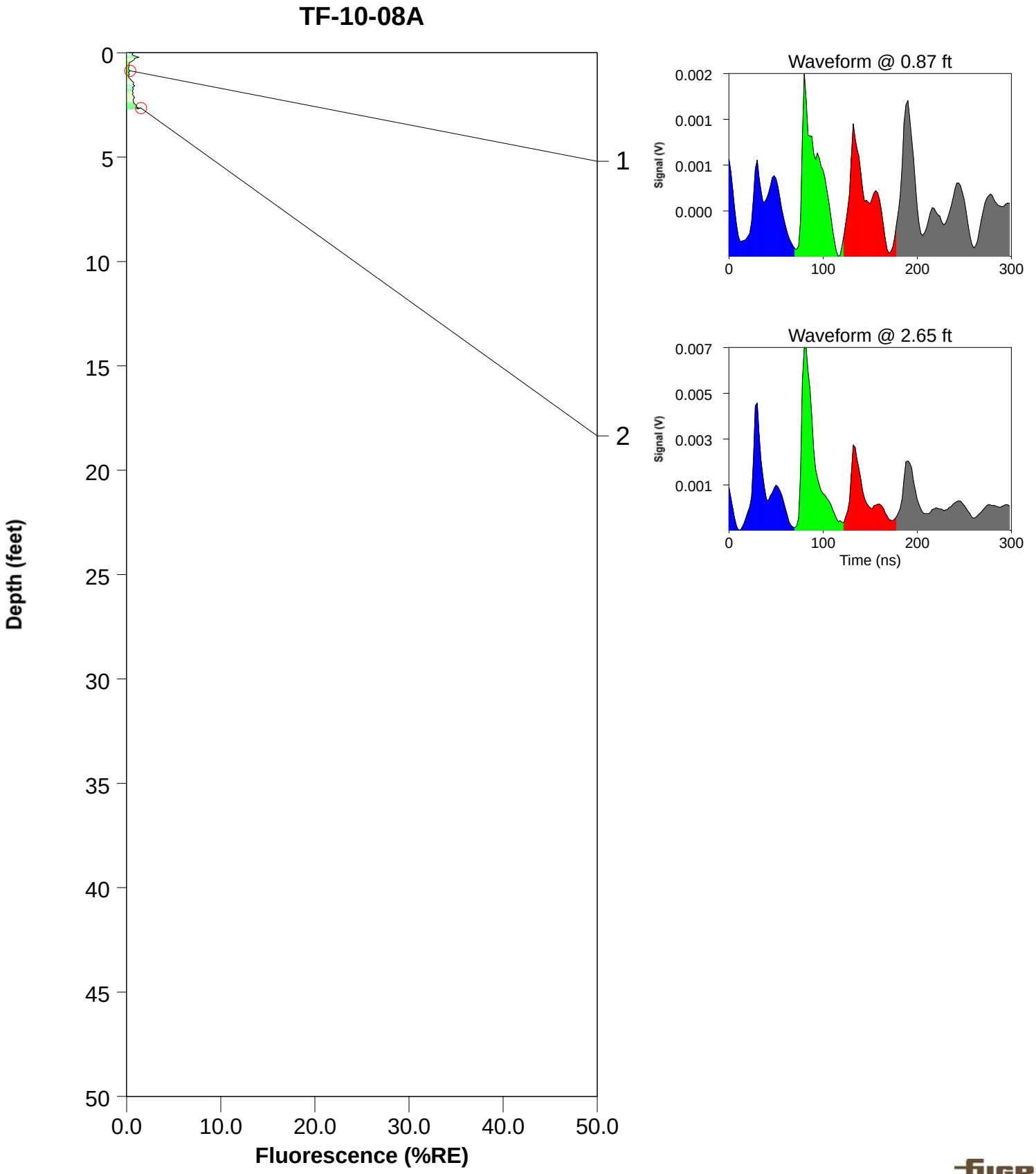
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 8:34:10 AM	Max fluorescence: 2.83% @ 0.29 ft
ROST Unit: 2	Final depth BGS: 3.08 ft



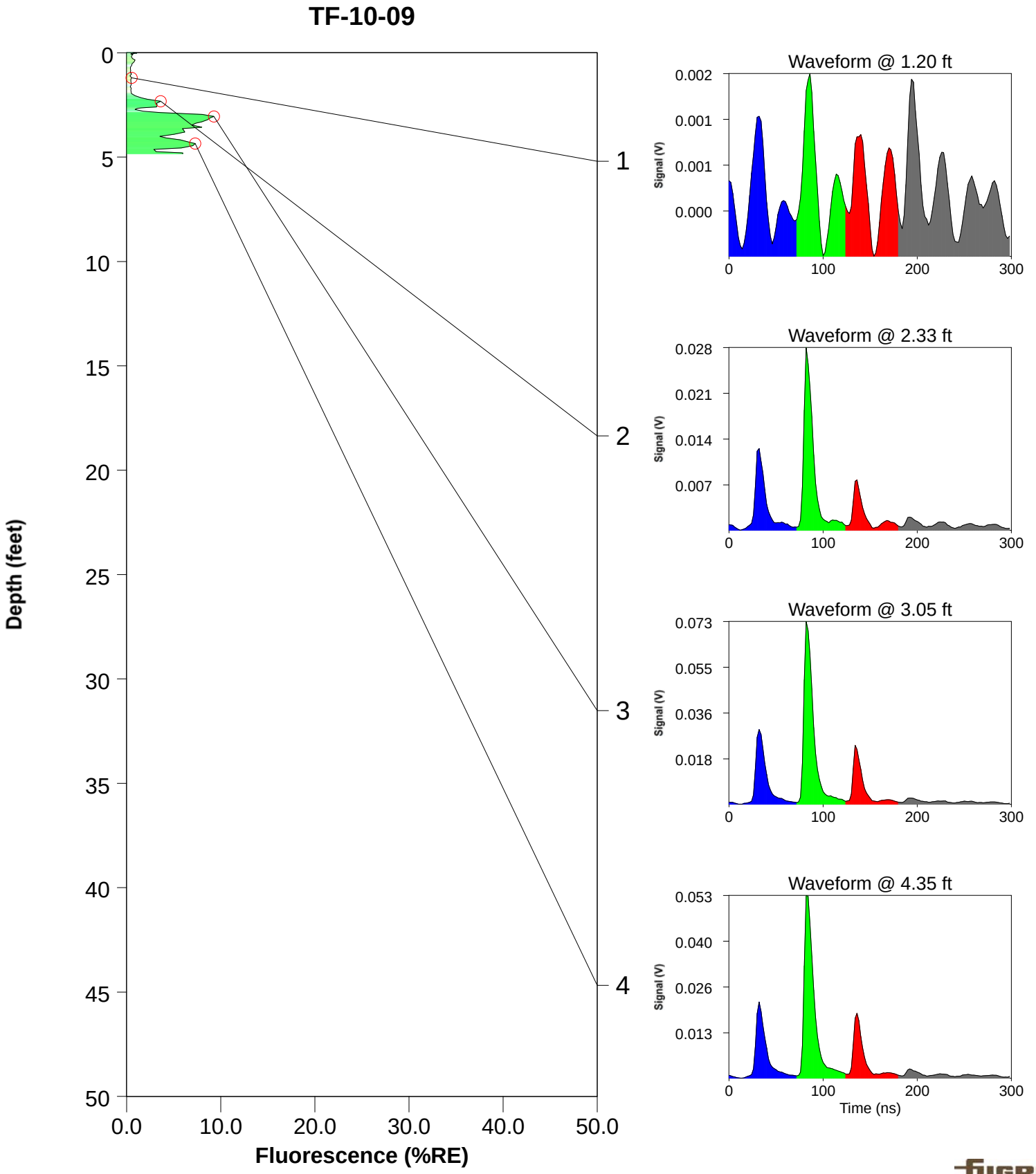
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 8:41:50 AM	Max fluorescence: 1.53% @ 2.65 ft
ROST Unit: 2	Final depth BGS: 2.68 ft



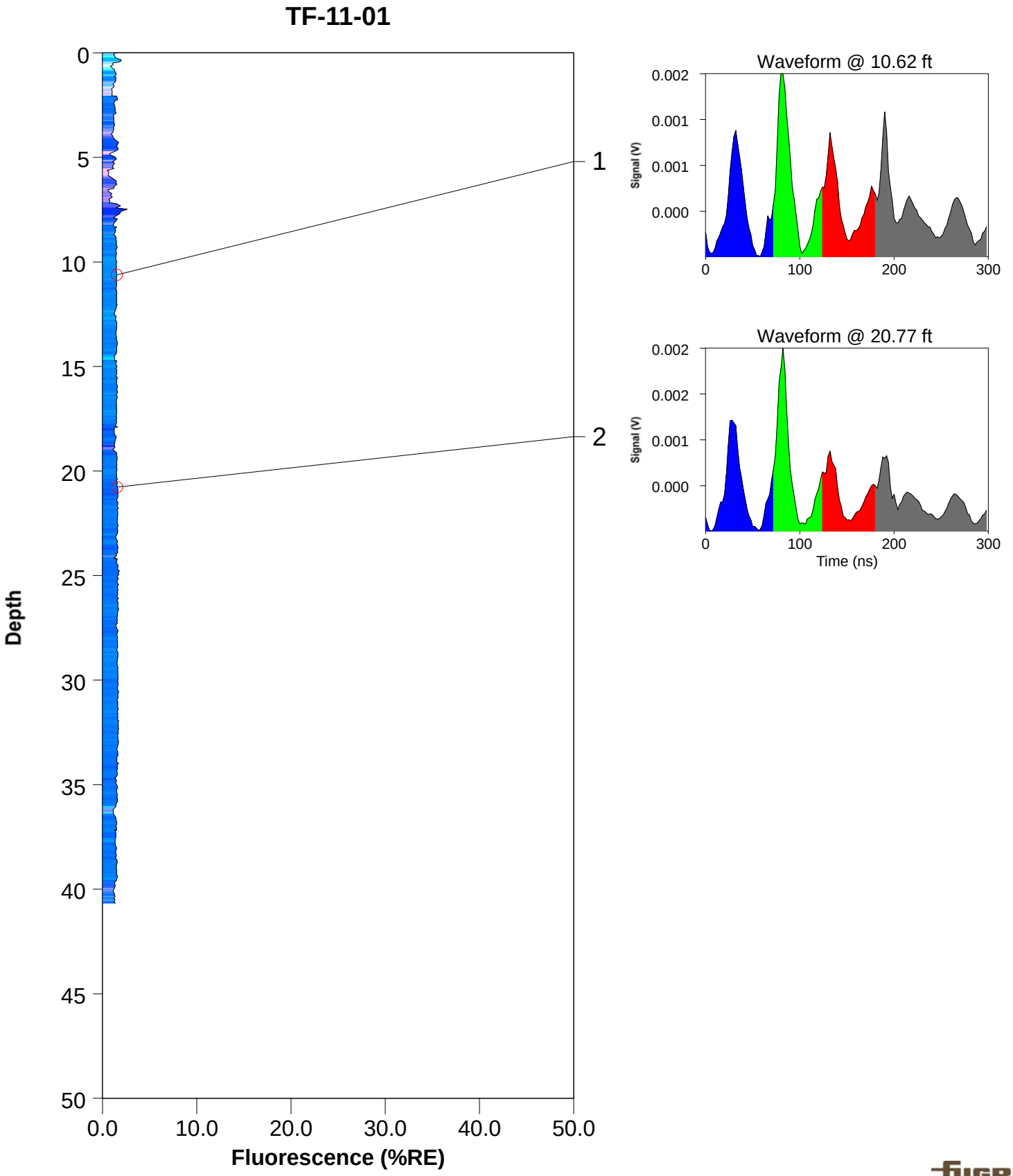
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 9:55:28 AM	Max fluorescence: 9.27% @ 3.05 ft
ROST Unit: 2	Final depth BGS: 4.84 ft



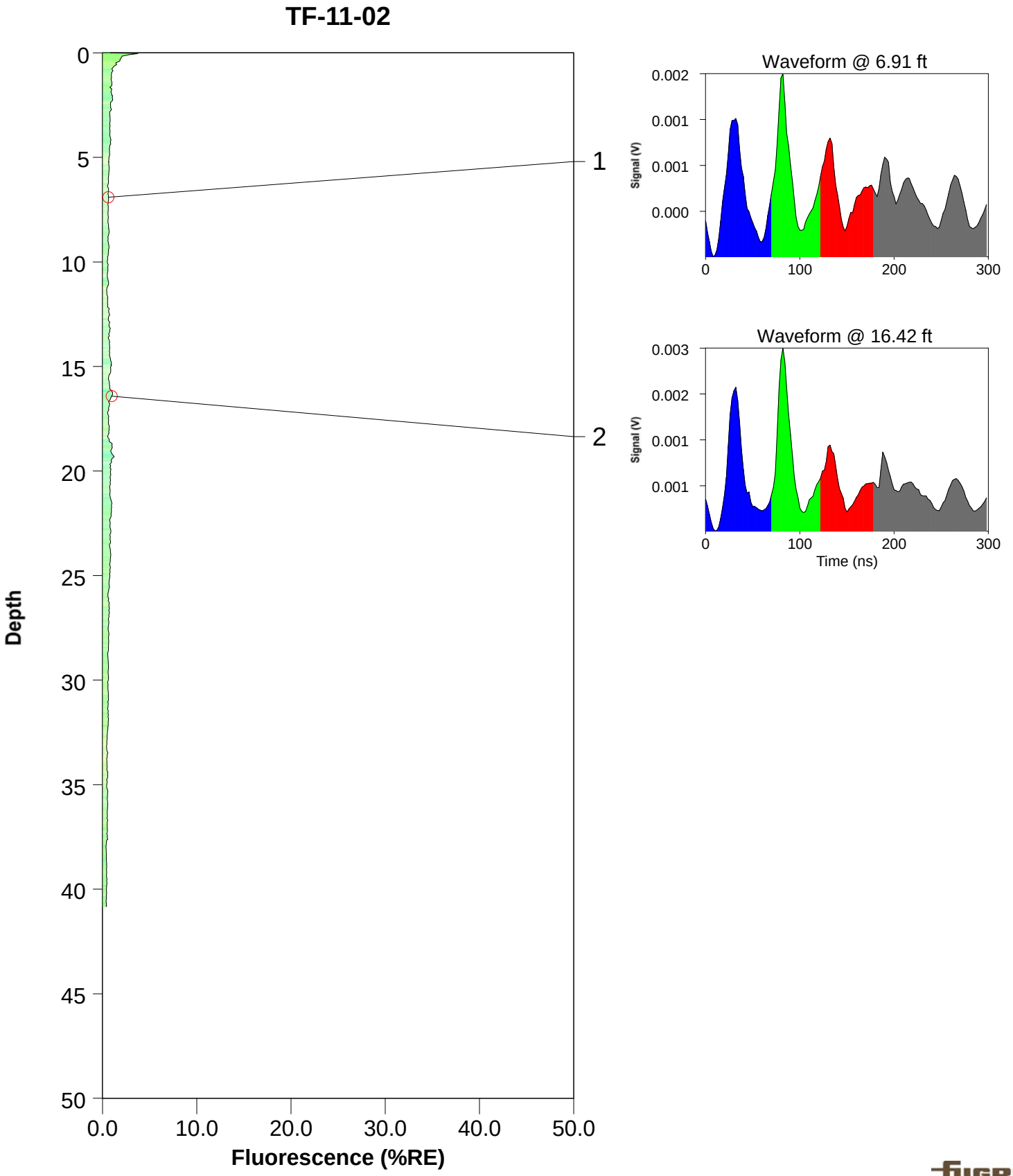
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 11:01:30 AM	Max fluorescence: 2.59% @ 7.48 ft
ROST Unit: ?	Final depth BGS: 40.67 ft



ROST Fluorescence Response Data

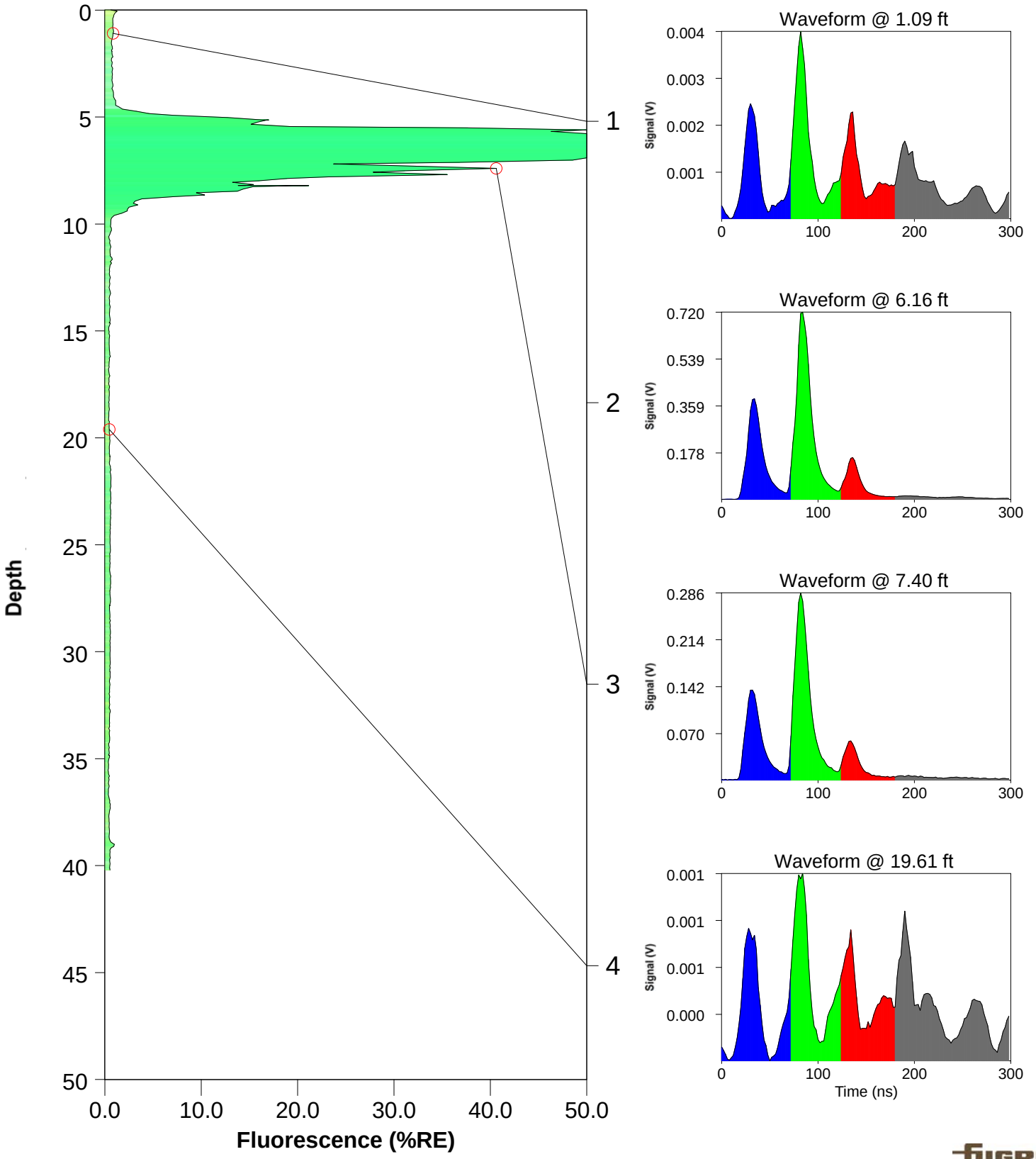
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 12:14:28 PM	Max fluorescence: 3.75% @ 0.04 ft
ROST Unit: ?	Final depth BGS: 40.83 ft



ROST Fluorescence Response Data

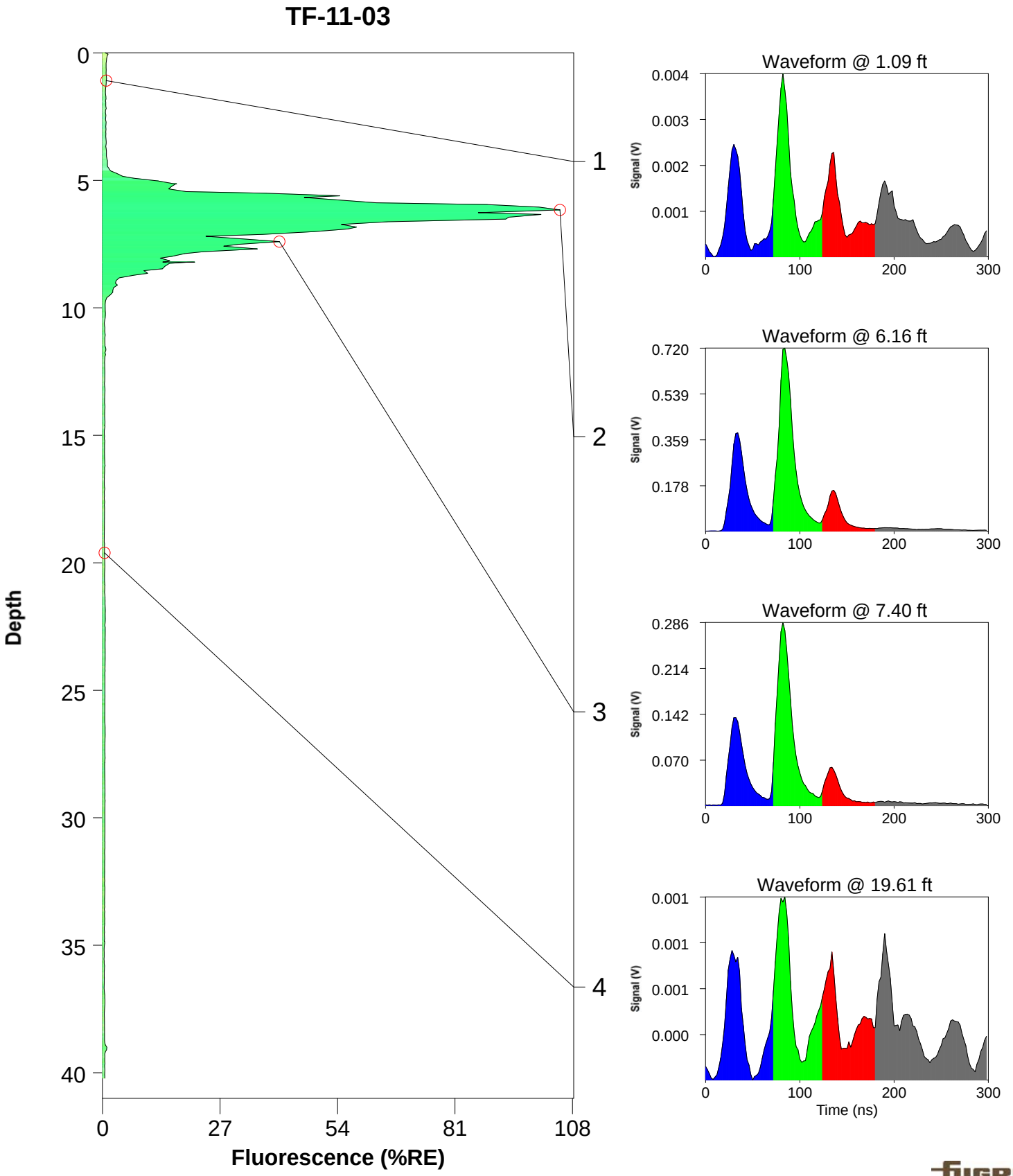
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 11:40:10 AM	Max fluorescence: 105.04% @ 6.16 ft
ROST Unit: ?	Final depth BGS: 40.21 ft

TF-11-03



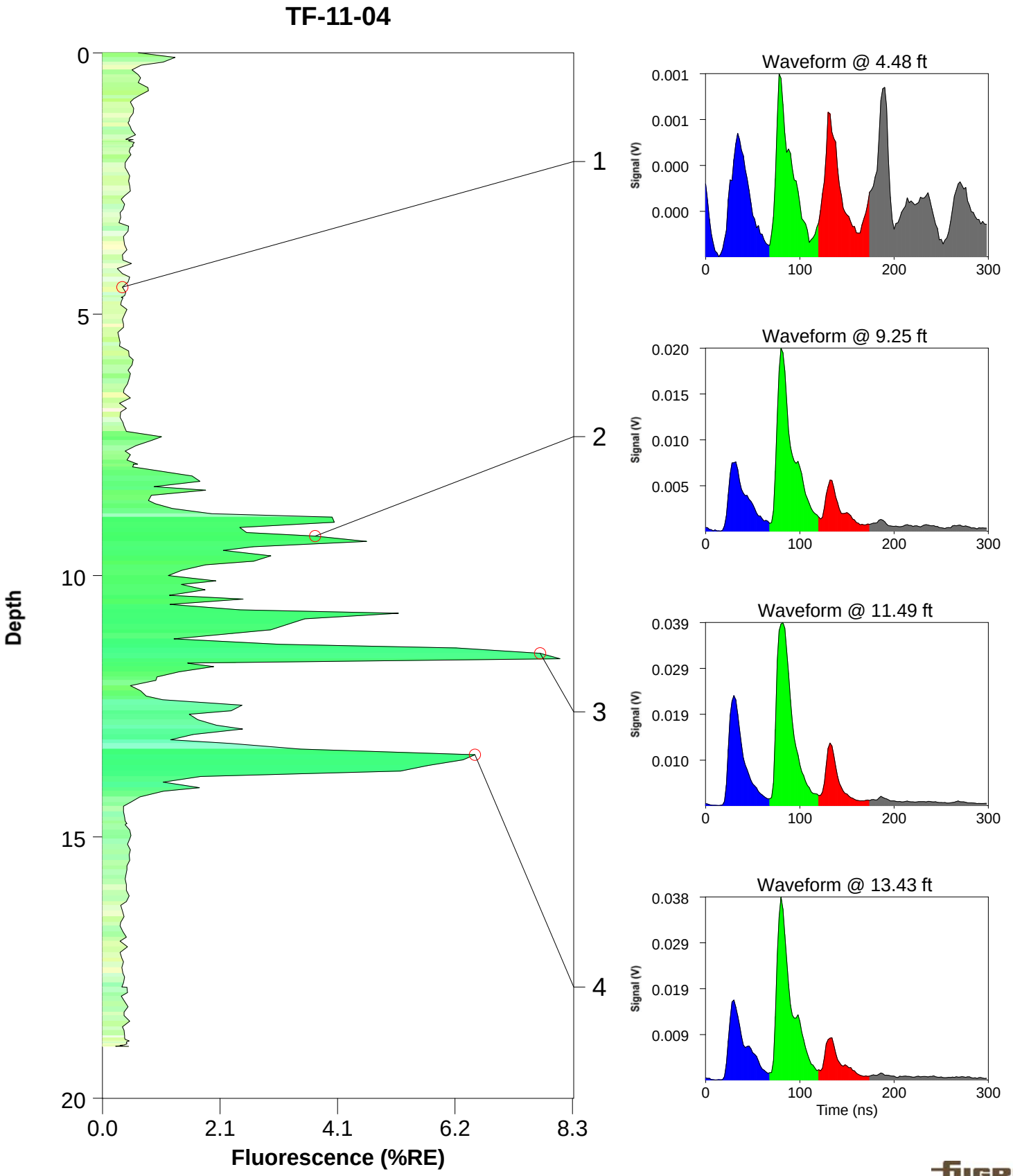
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 11:40:10 AM	Max fluorescence: 105.04% @ 6.16 ft
ROST Unit: ?	Final depth BGS: 40.21 ft



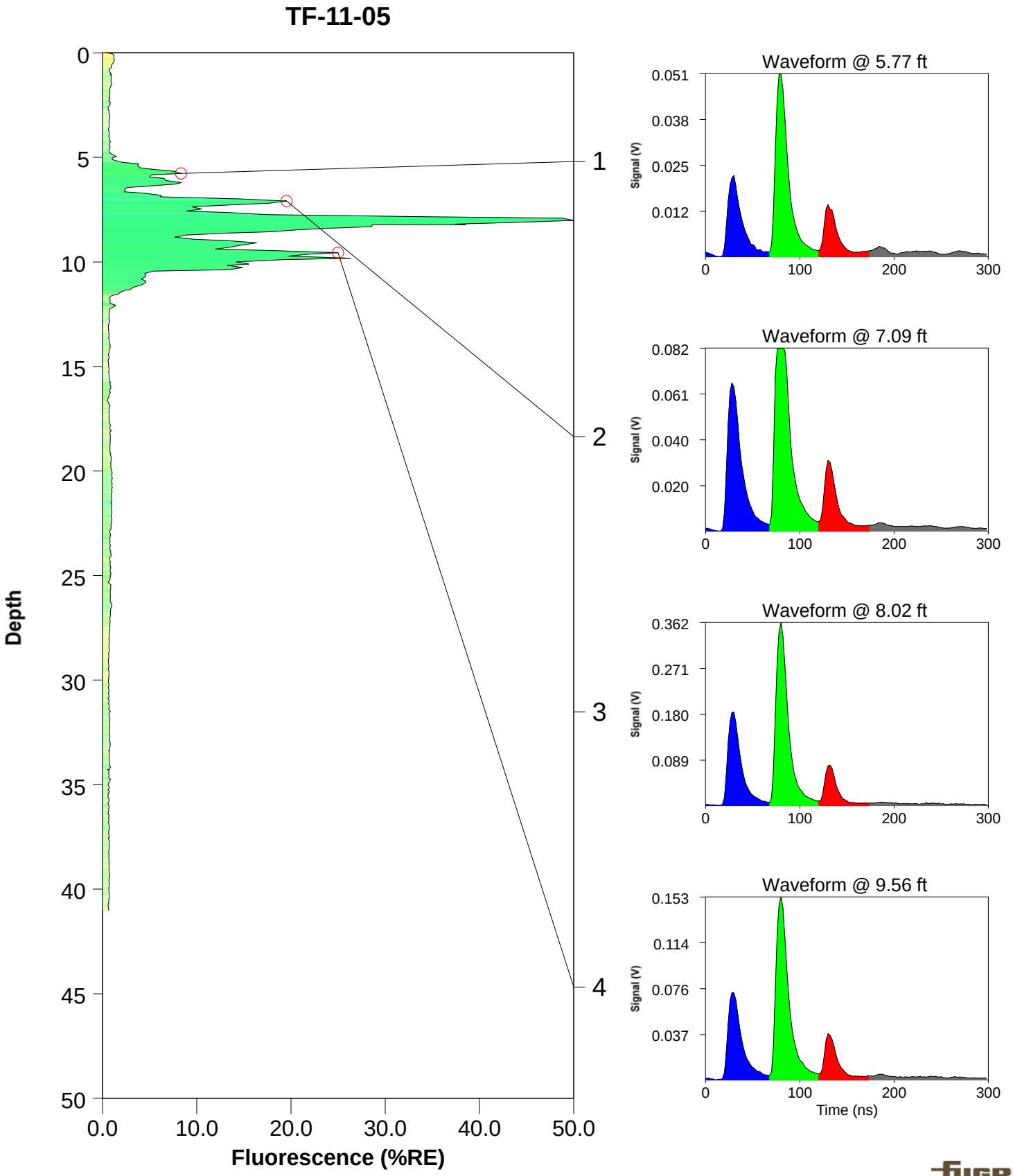
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 10:35:07 AM	Max fluorescence: 8.07% @ 11.59 ft
ROST Unit: ?	Final depth BGS: 19.01 ft



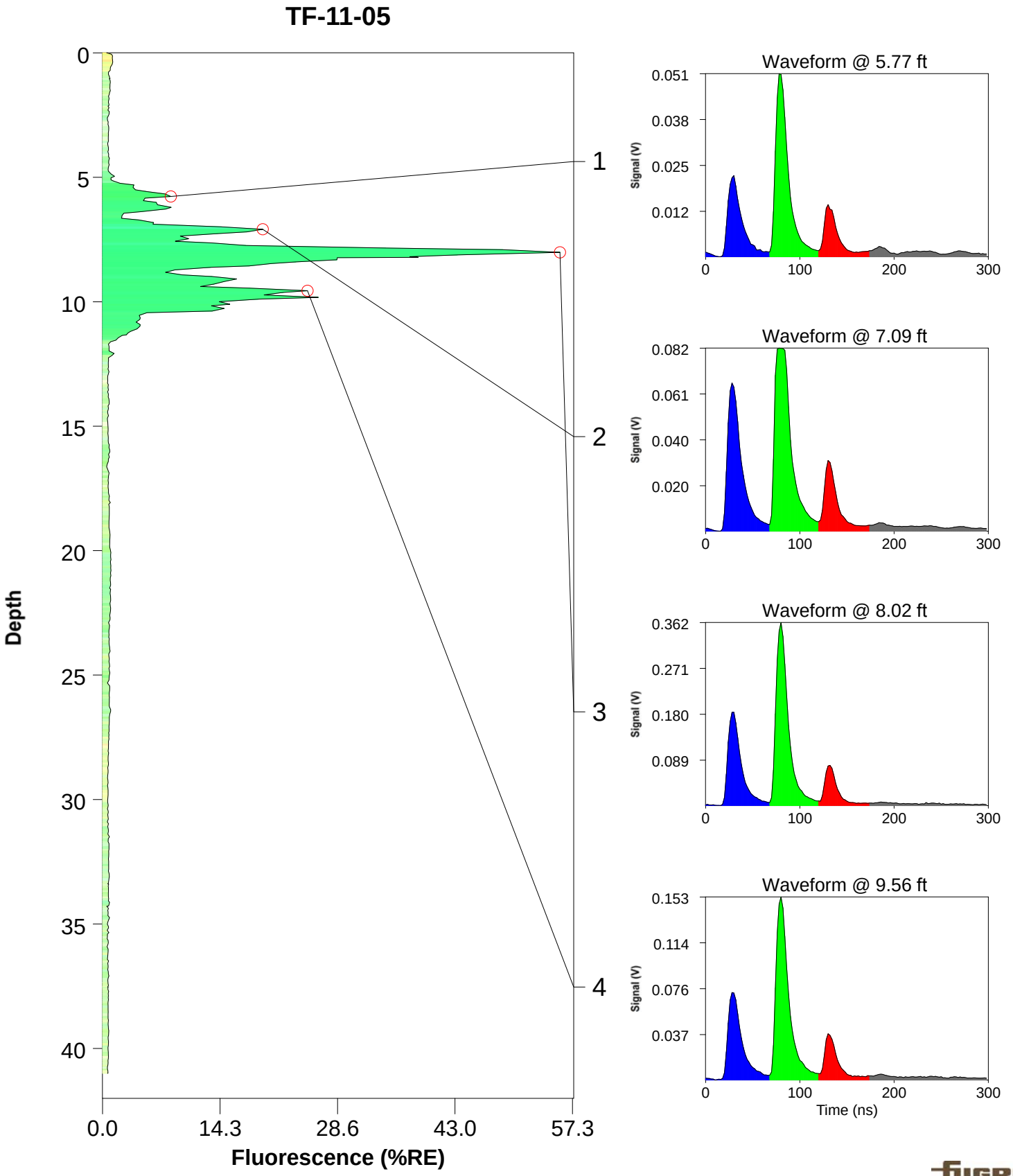
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 9:45:57 AM	Max fluorescence: 55.76% @ 8.02 ft
ROST Unit: ?	Final depth BGS: 41.00 ft



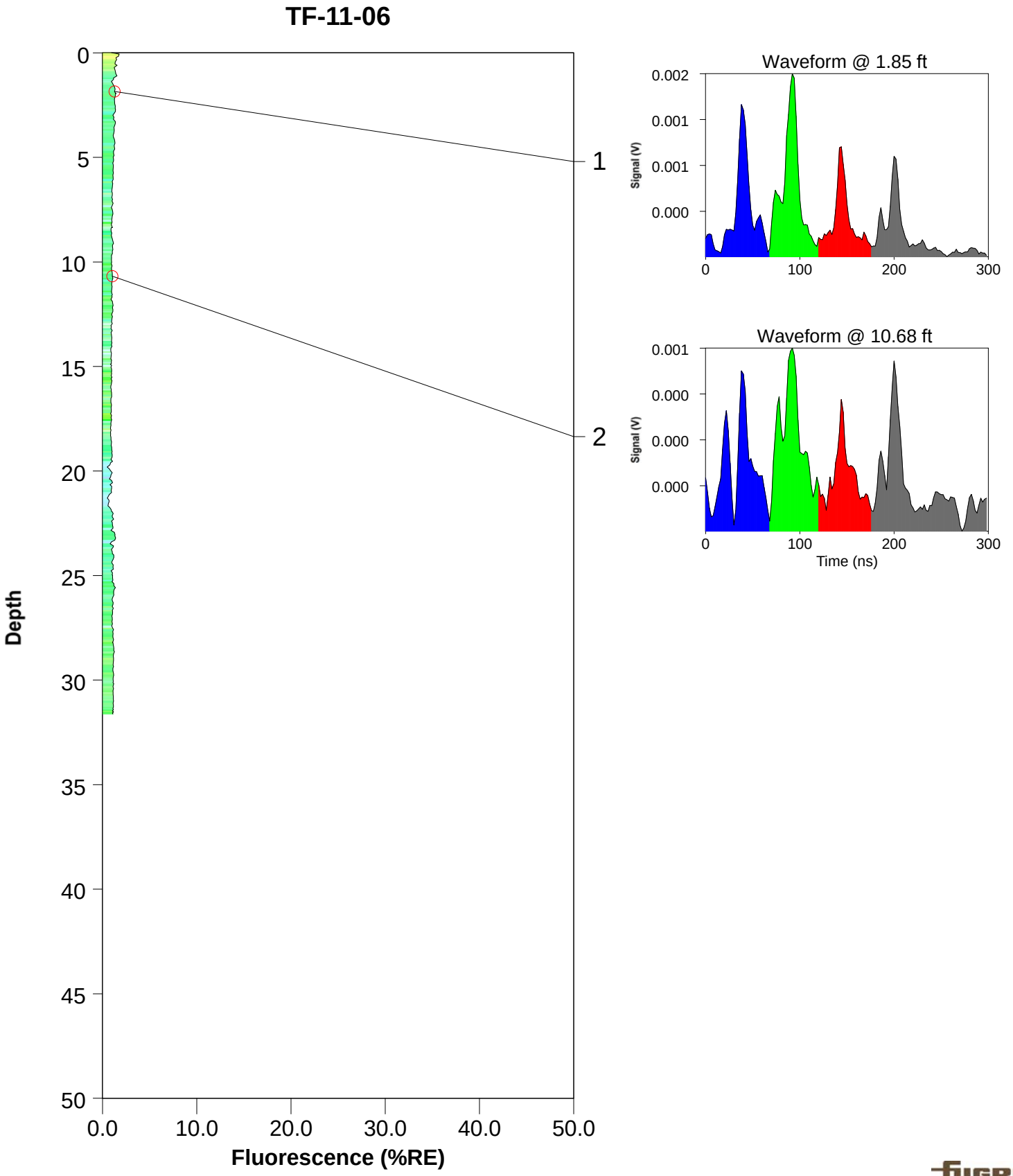
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 9:45:57 AM	Max fluorescence: 55.76% @ 8.02 ft
ROST Unit: ?	Final depth BGS: 41.00 ft



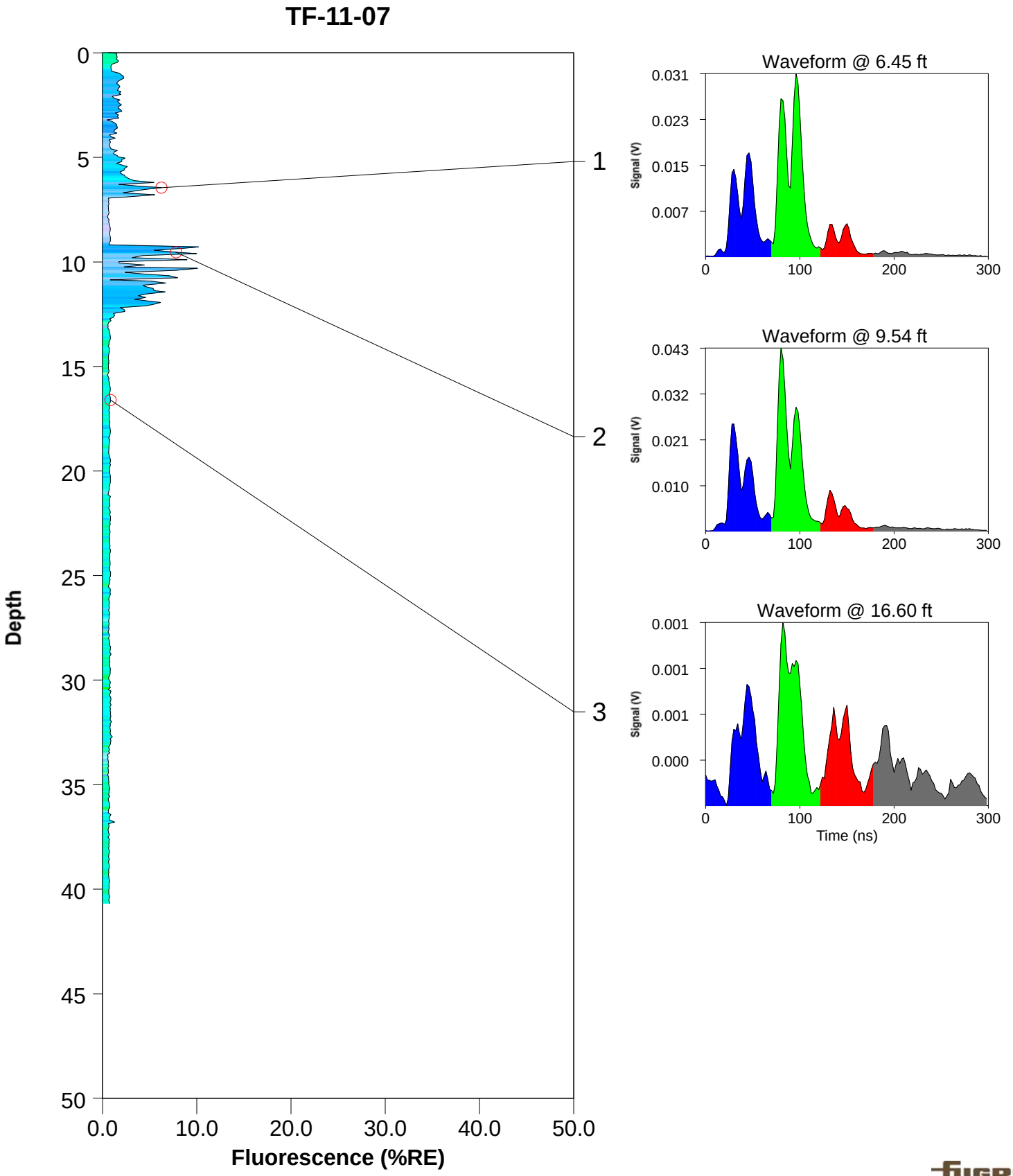
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 12:50:41 PM	Max fluorescence: 1.77% @ 0.06 ft
ROST Unit: ?	Final depth BGS: 31.62 ft



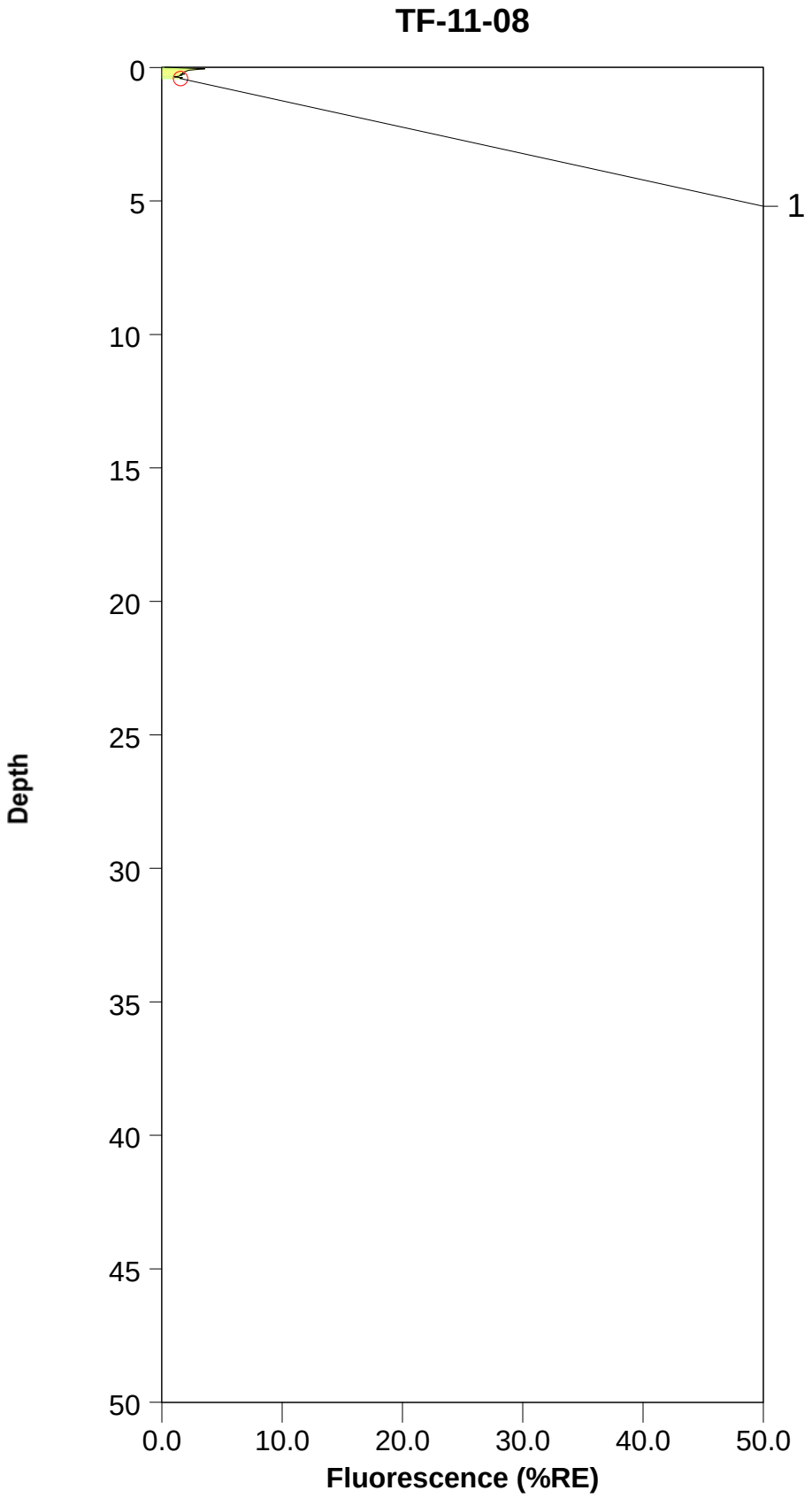
ROST Fluorescence Response Data

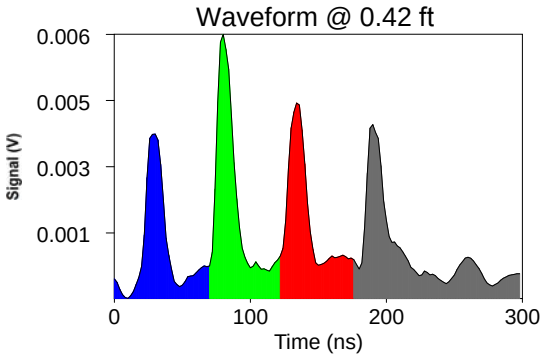
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 2:23:56 PM	Max fluorescence: 10.18% @ 9.29 ft
ROST Unit: ?	Final depth BGS: 40.68 ft



ROST Fluorescence Response Data

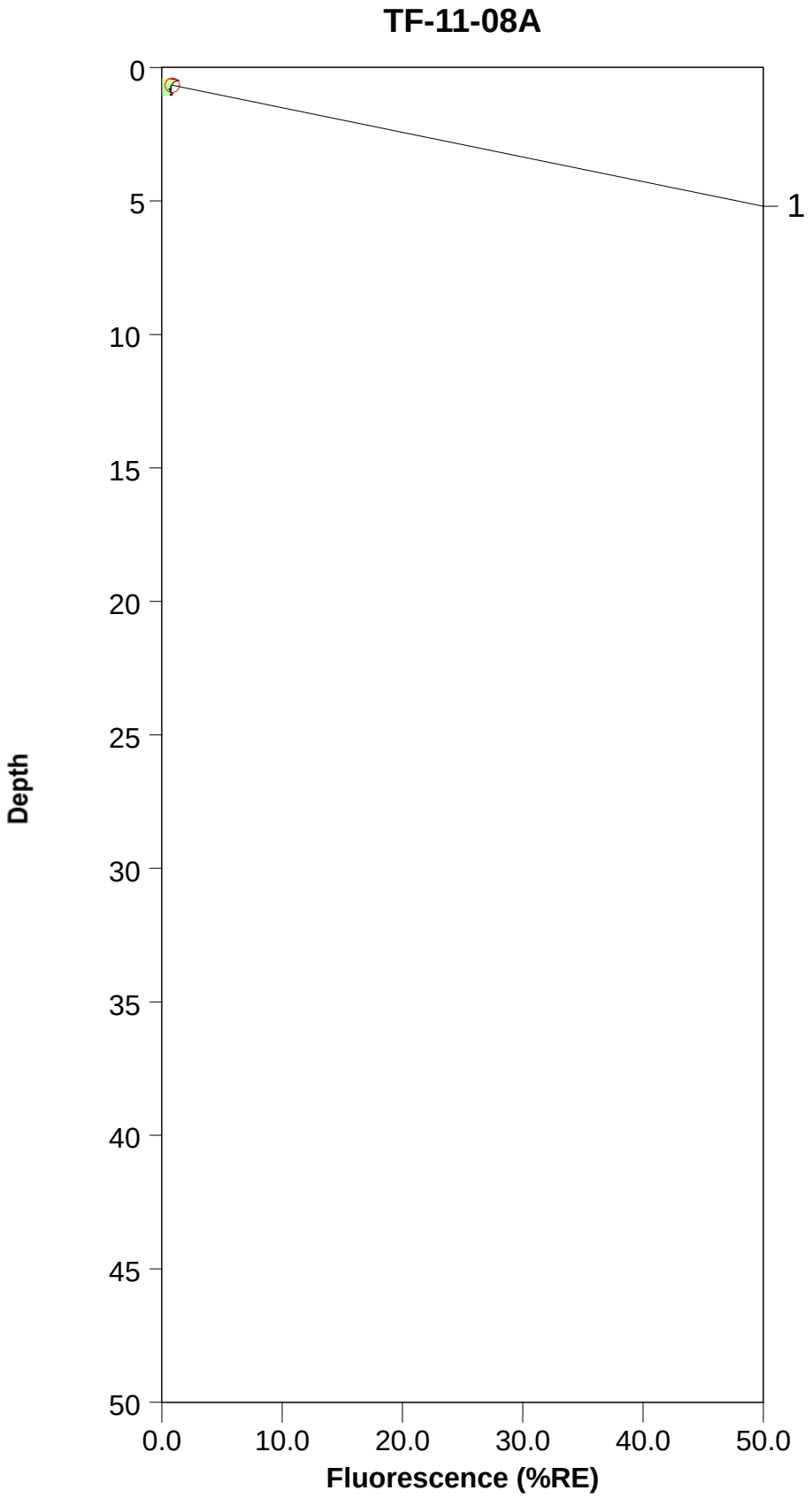
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 9:12:20 AM	Max fluorescence: 3.58% @ 0.05 ft
ROST Unit: ?	Final depth BGS: 0.42 ft

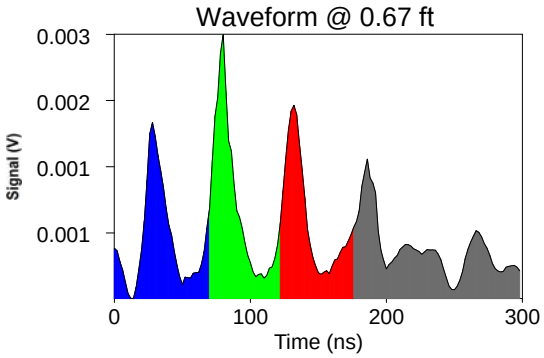




ROST Fluorescence Response Data

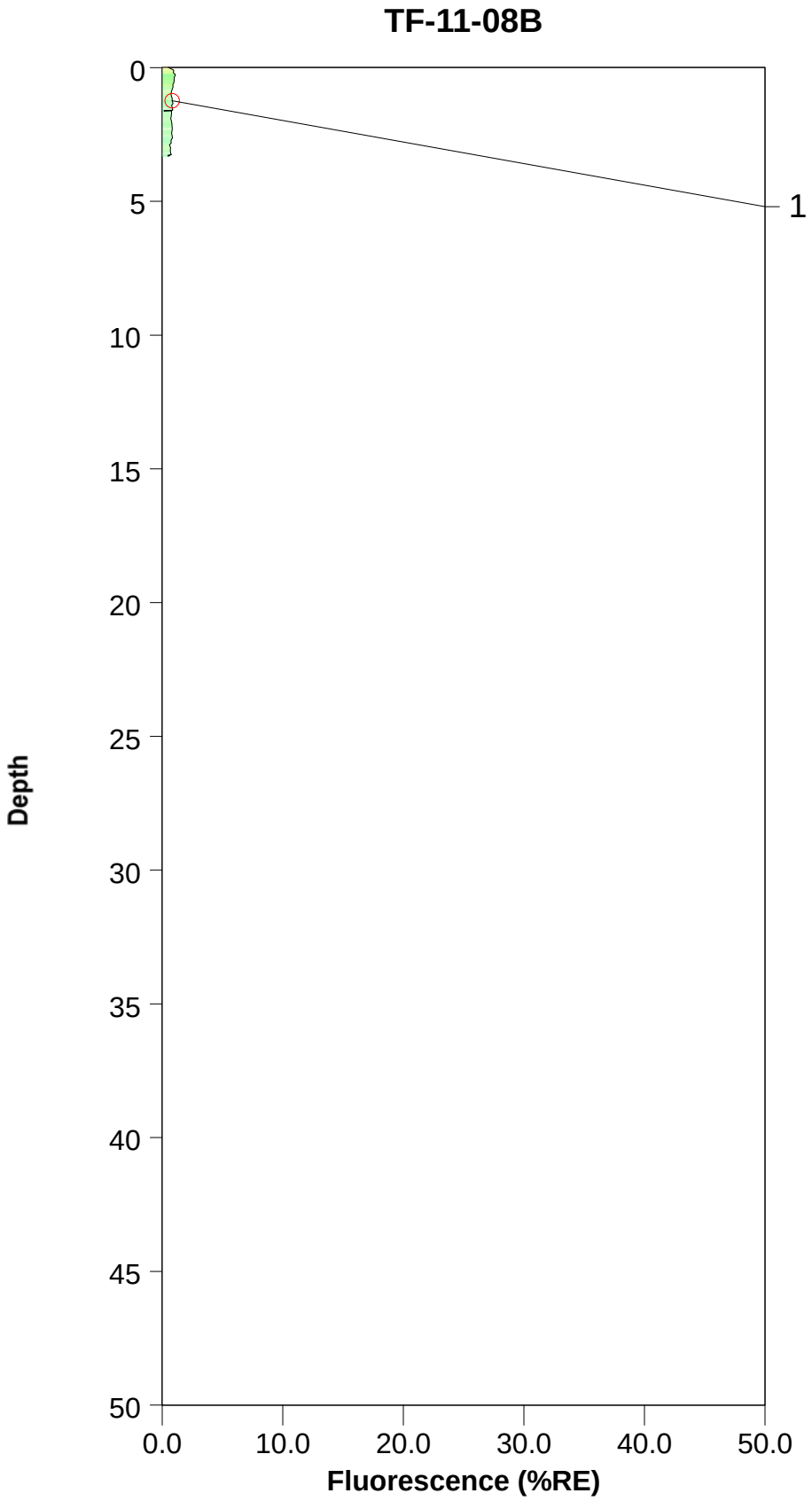
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 9:29:32 AM	Max fluorescence: 1.42% @ 0.48 ft
ROST Unit: ?	Final depth BGS: 1.04 ft

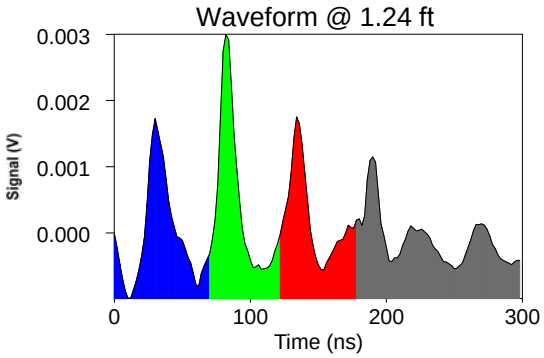




ROST Fluorescence Response Data

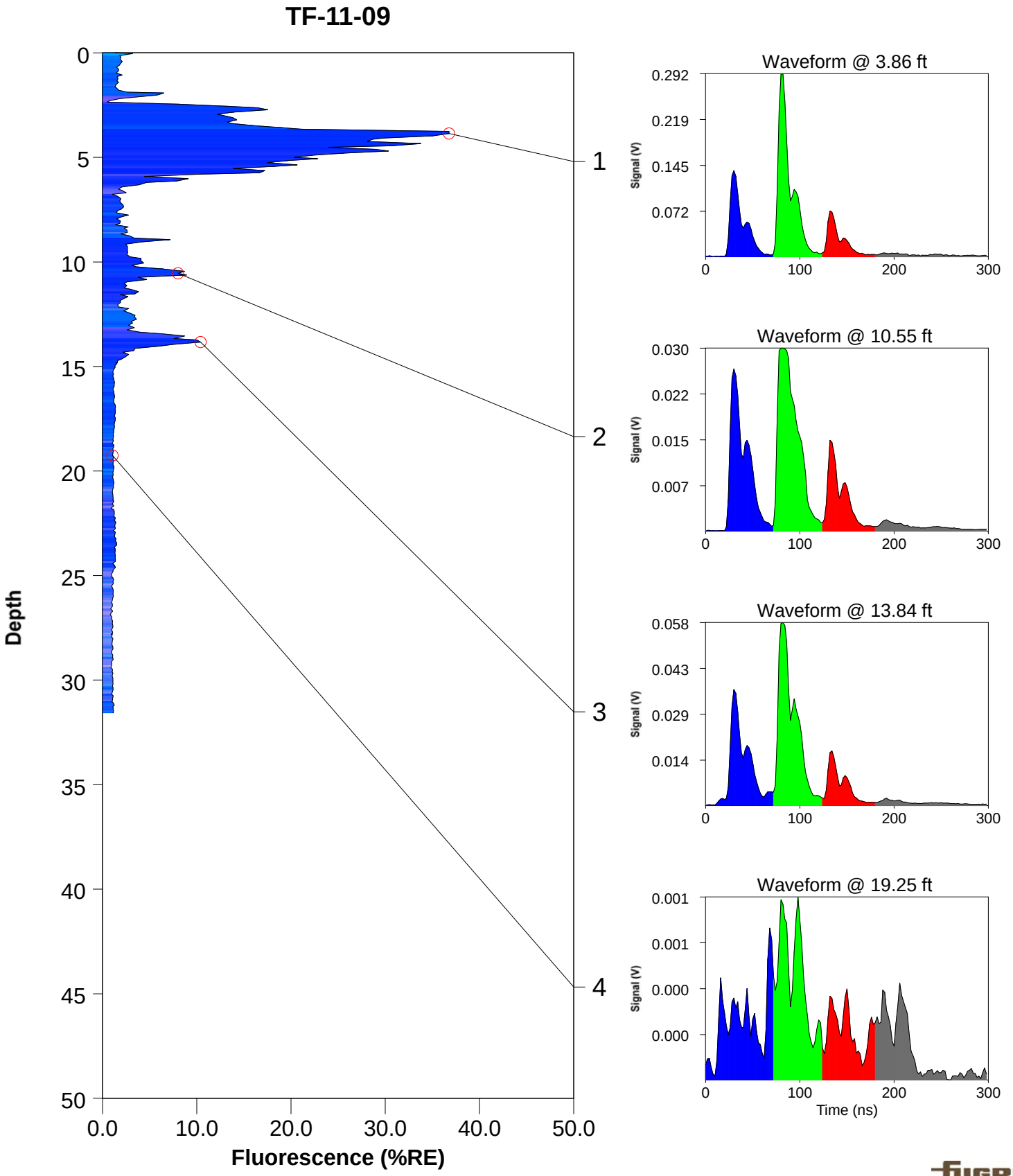
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 1:23:13 PM	Max fluorescence: 1.10% @ 0.26 ft
ROST Unit: ?	Final depth BGS: 3.32 ft





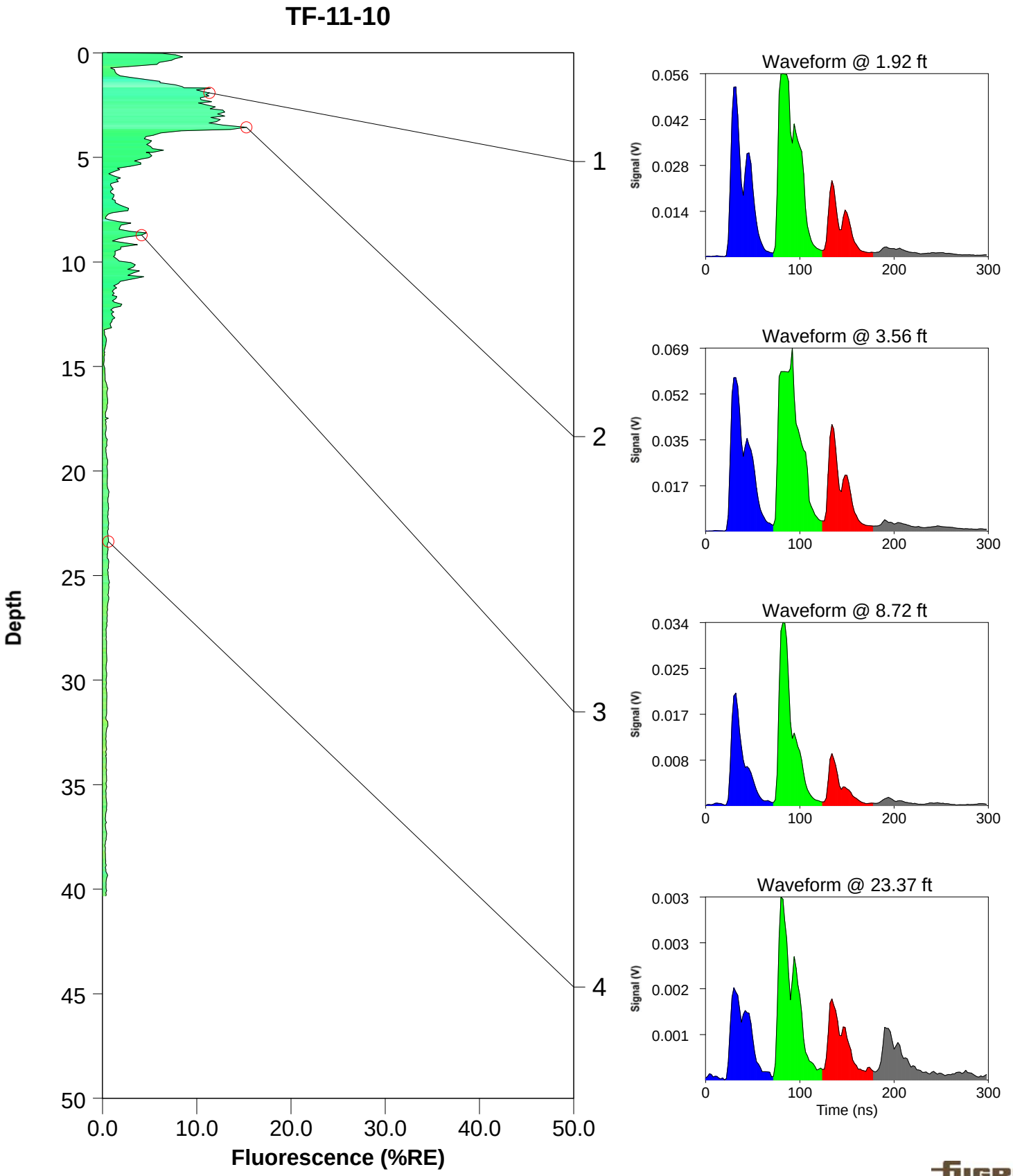
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 3:46:40 PM	Max fluorescence: 36.76% @ 3.76 ft
ROST Unit: ?	Final depth BGS: 31.57 ft



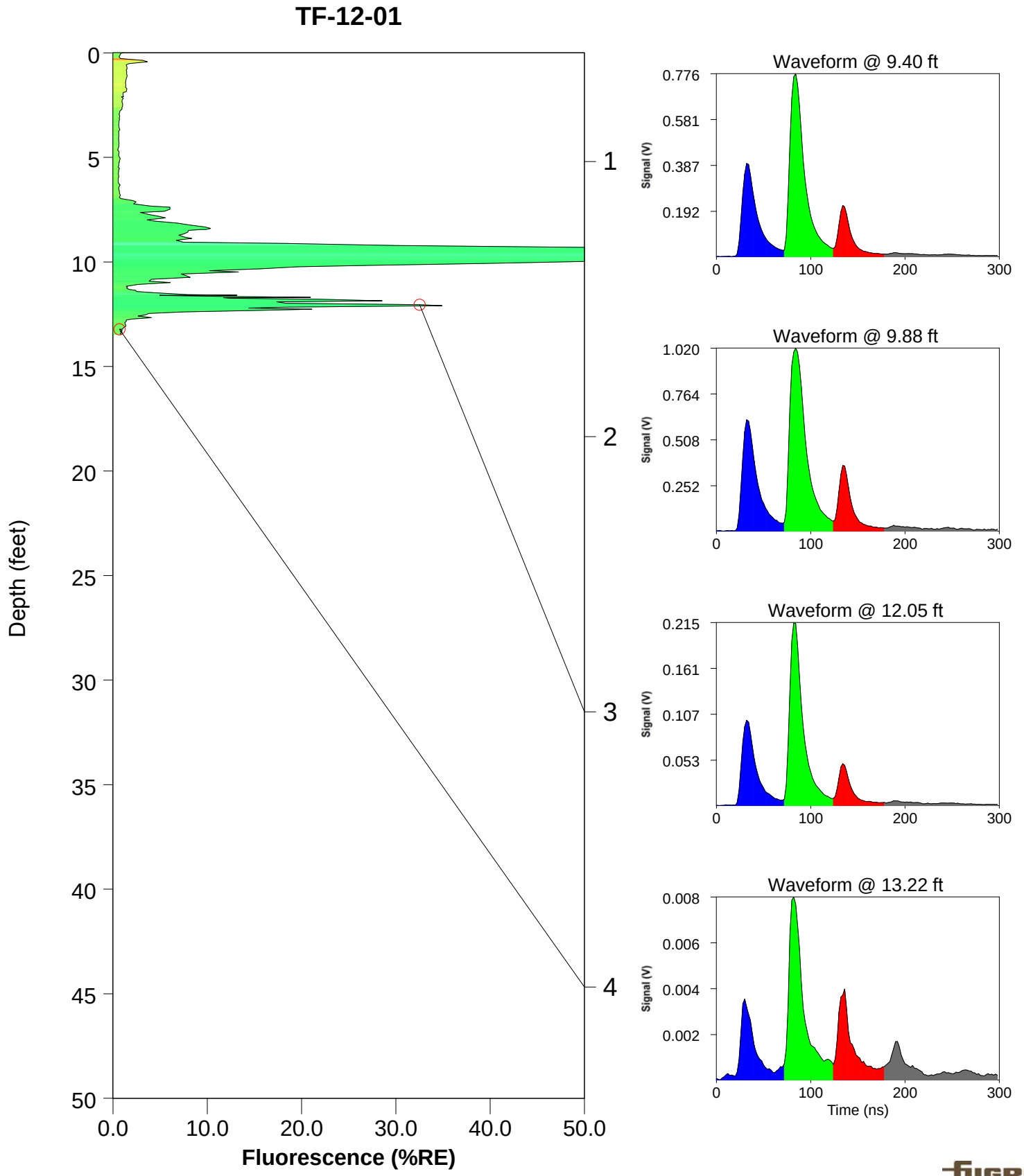
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/5/2015 @ 4:12:19 PM	Max fluorescence: 15.26% @ 3.56 ft
ROST Unit: ?	Final depth BGS: 40.32 ft



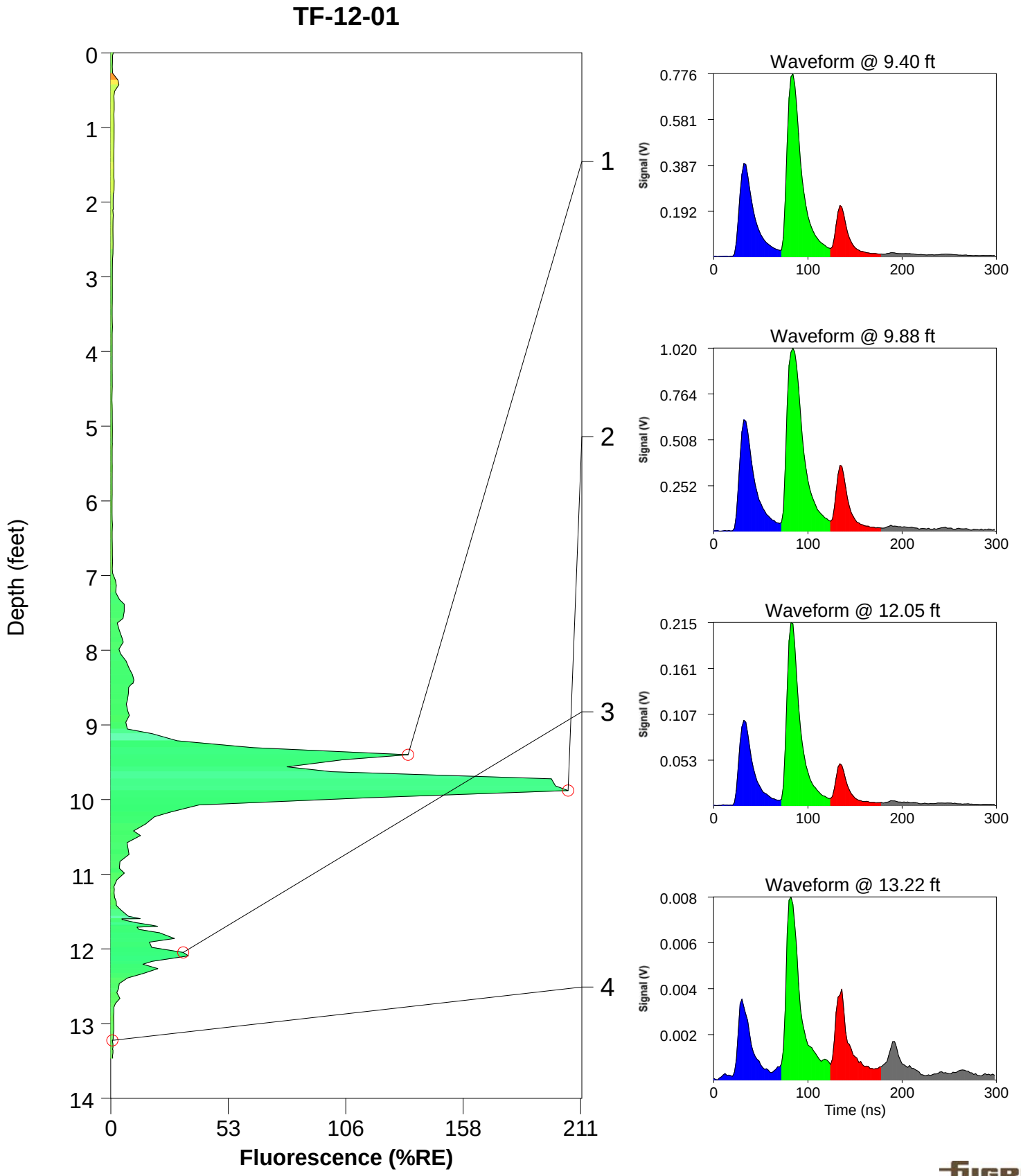
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 2:07:44 PM	Max fluorescence: 205.45% @ 9.88 ft
ROST Unit: ?	Final depth BGS: 13.46 ft



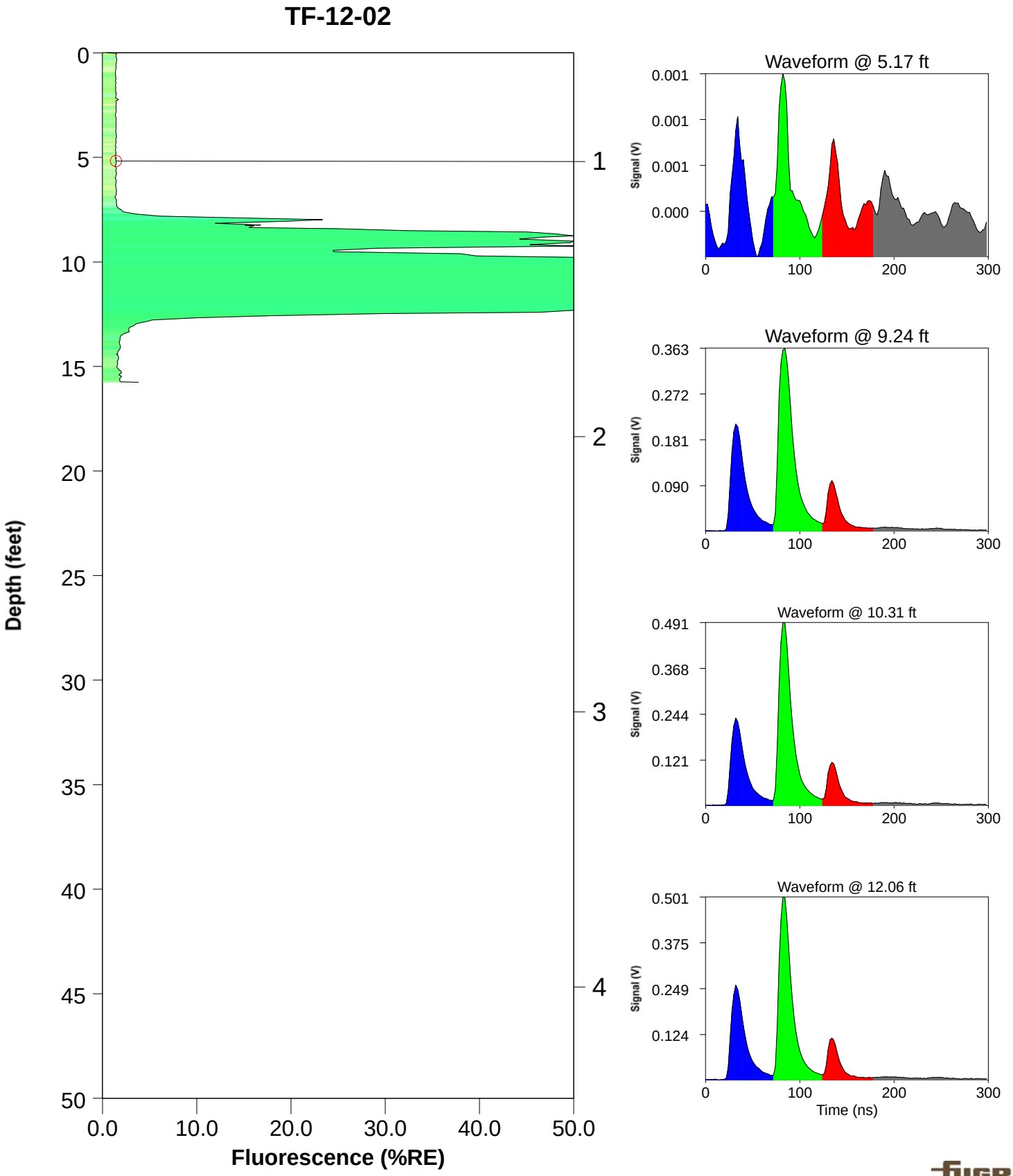
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 2:07:44 PM	Max fluorescence: 205.45% @ 9.88 ft
ROST Unit: ?	Final depth BGS: 13.46 ft



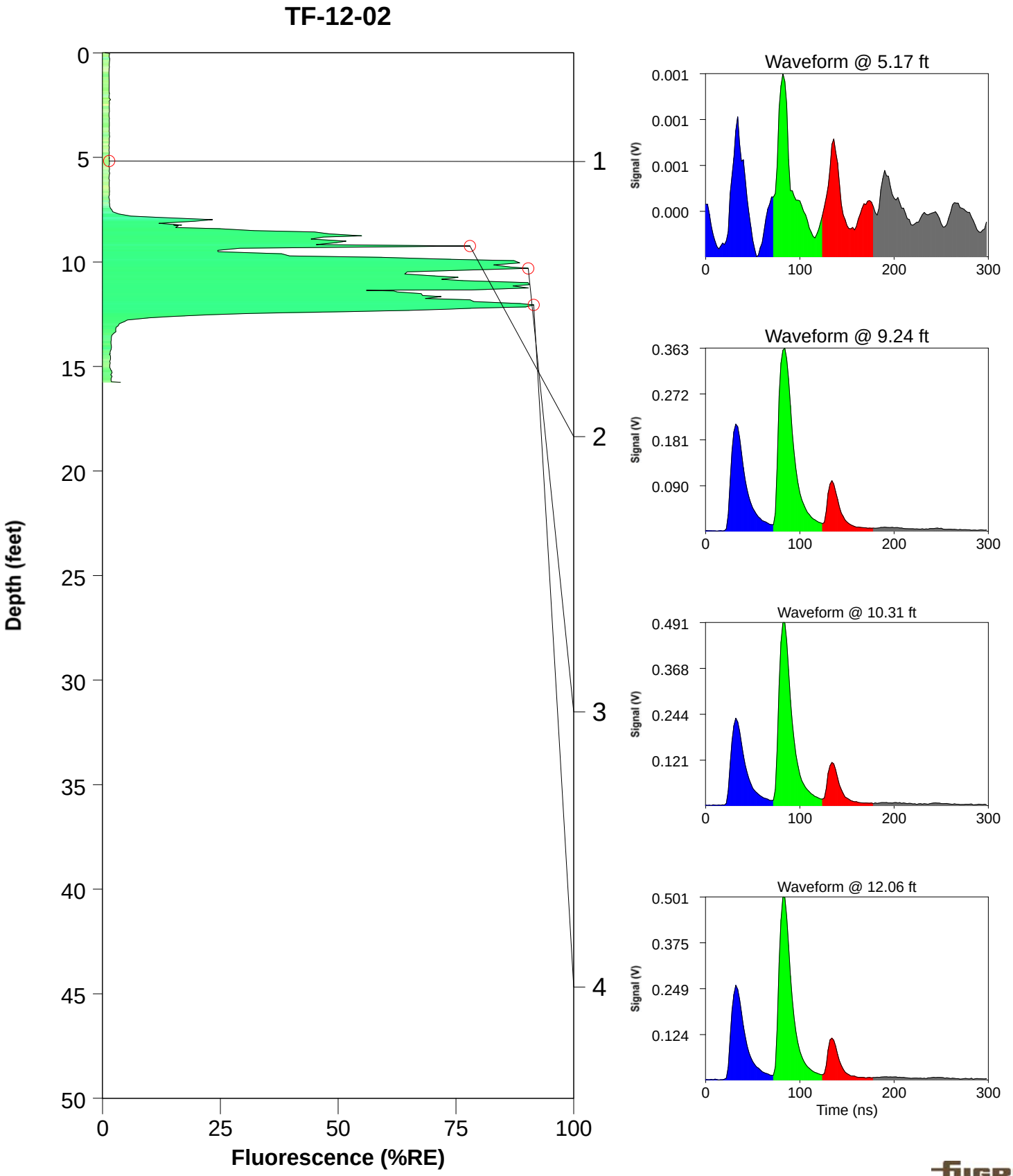
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/7/2015 @ 9:57:14 AM	Max fluorescence: 91.51% @ 12.06 ft
ROST Unit: 2	Final depth BGS: 15.76 ft



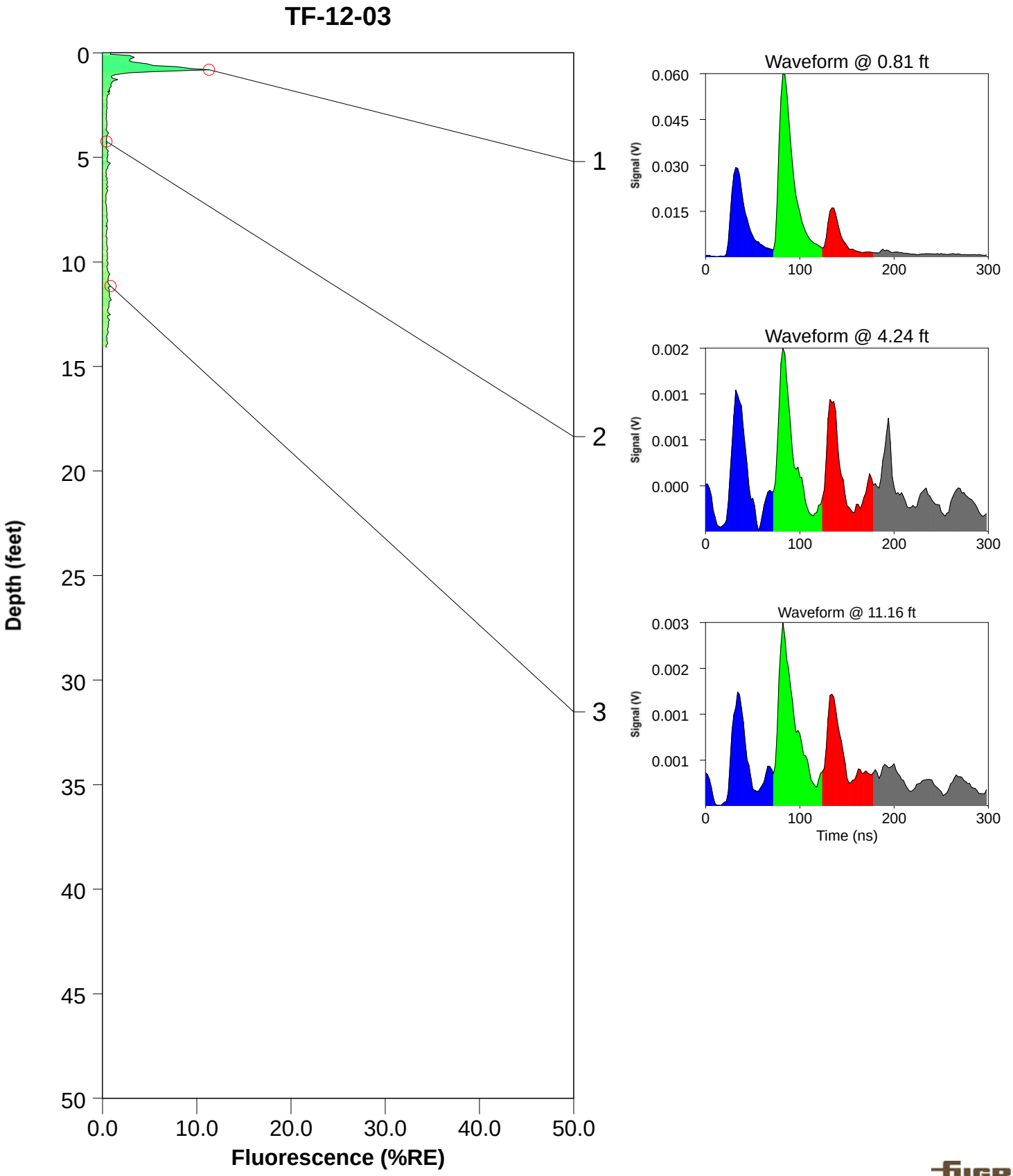
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/7/2015 @ 9:57:14 AM	Max fluorescence: 91.51% @ 12.06 ft
ROST Unit: 2	Final depth BGS: 15.76 ft



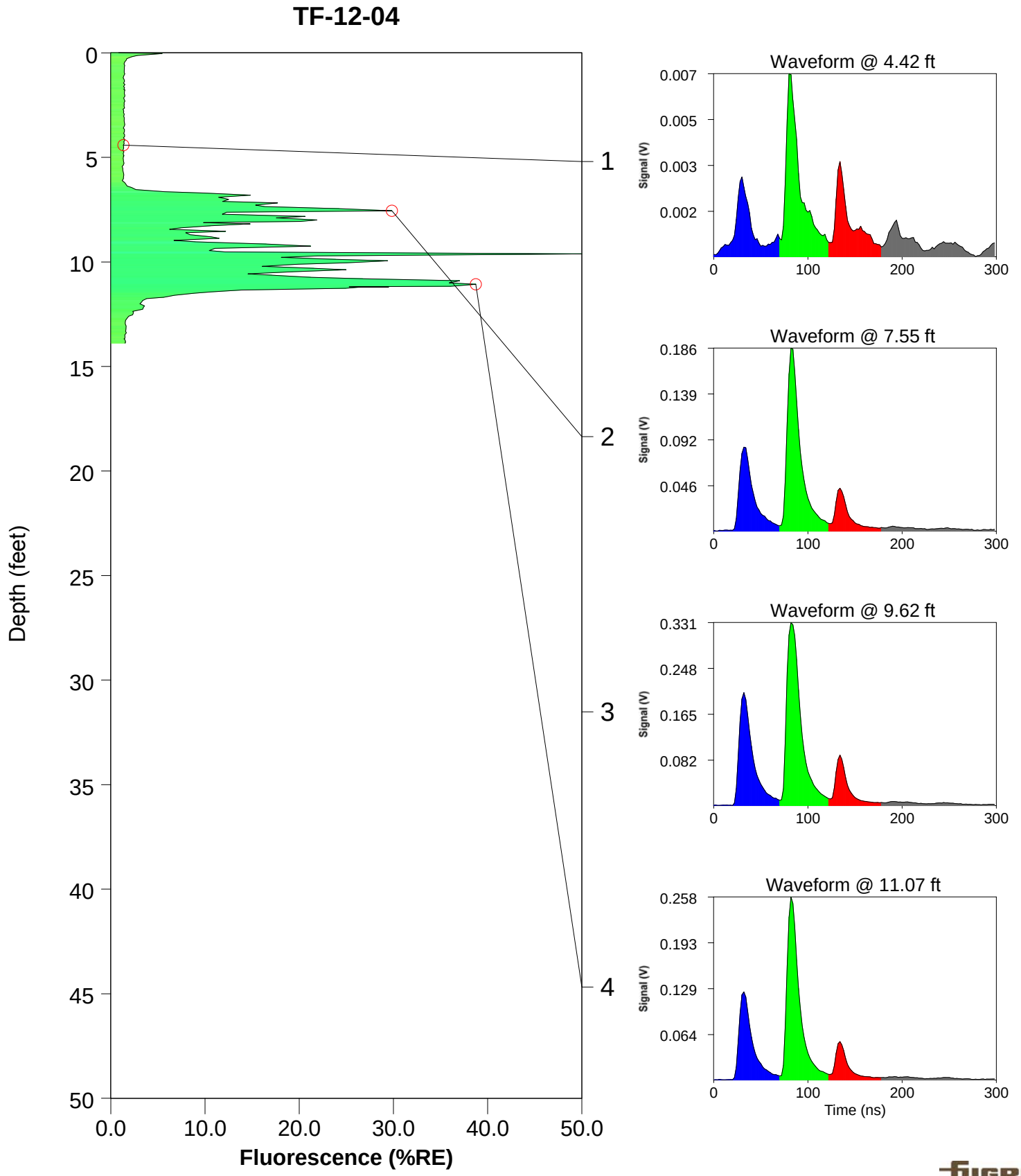
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/7/2015 @ 10:15:41 AM	Max fluorescence: 11.29% @ 0.81 ft
ROST Unit: 2	Final depth BGS: 14.08 ft



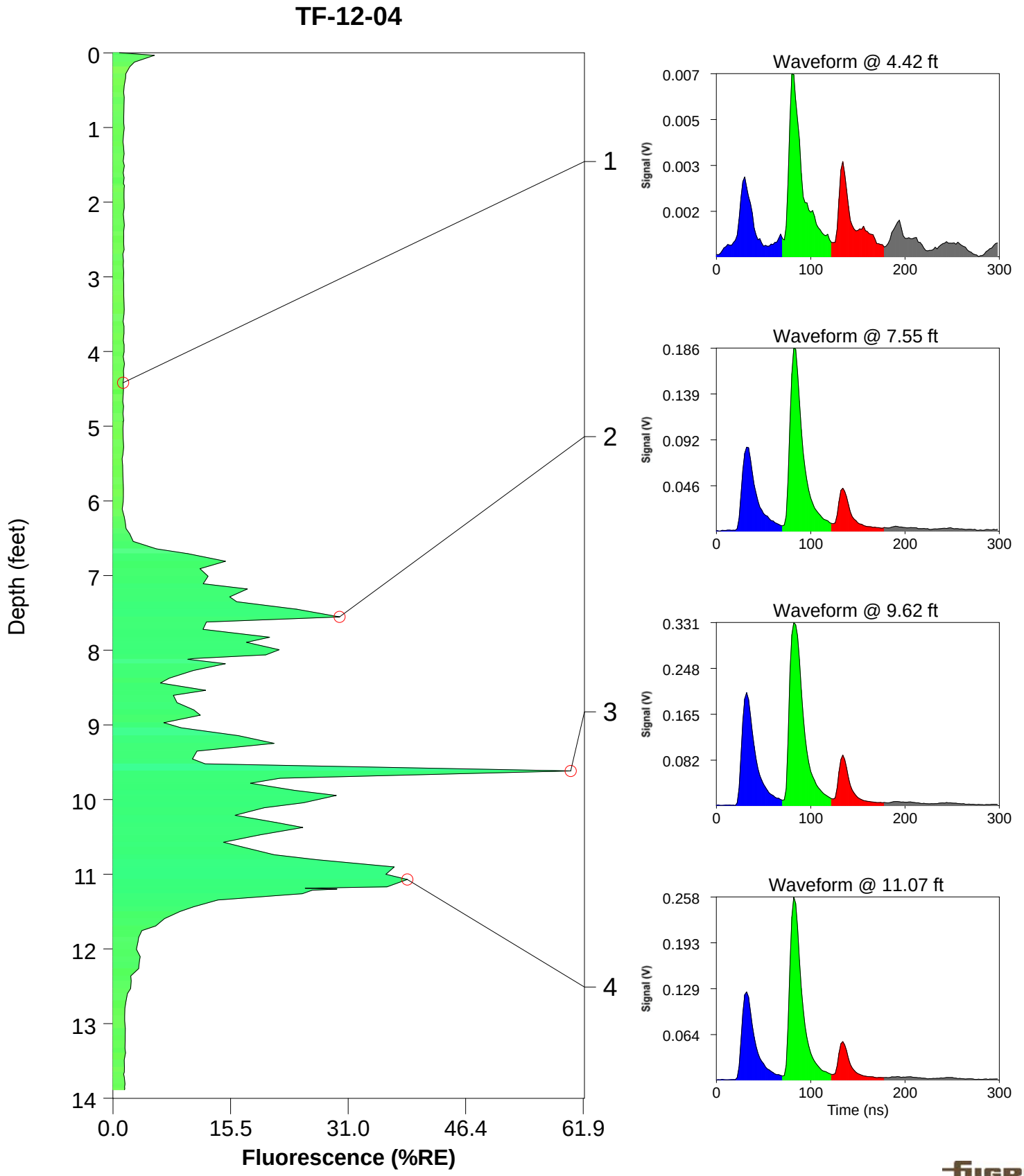
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 2:40:09 PM	Max fluorescence: 60.25% @ 9.62 ft
ROST Unit: ?	Final depth BGS: 13.89 ft



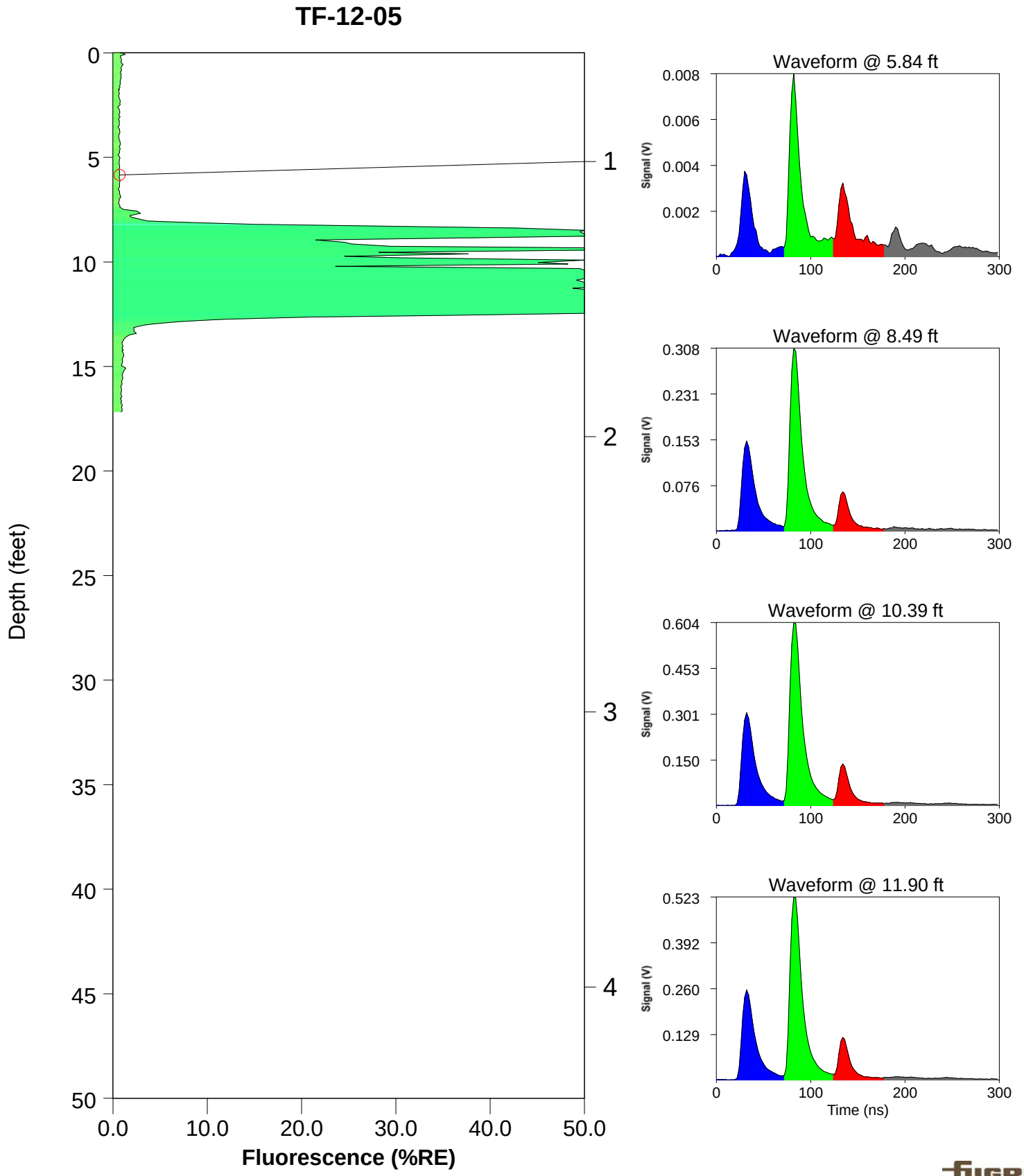
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 2:40:09 PM	Max fluorescence: 60.25% @ 9.62 ft
ROST Unit: ?	Final depth BGS: 13.89 ft



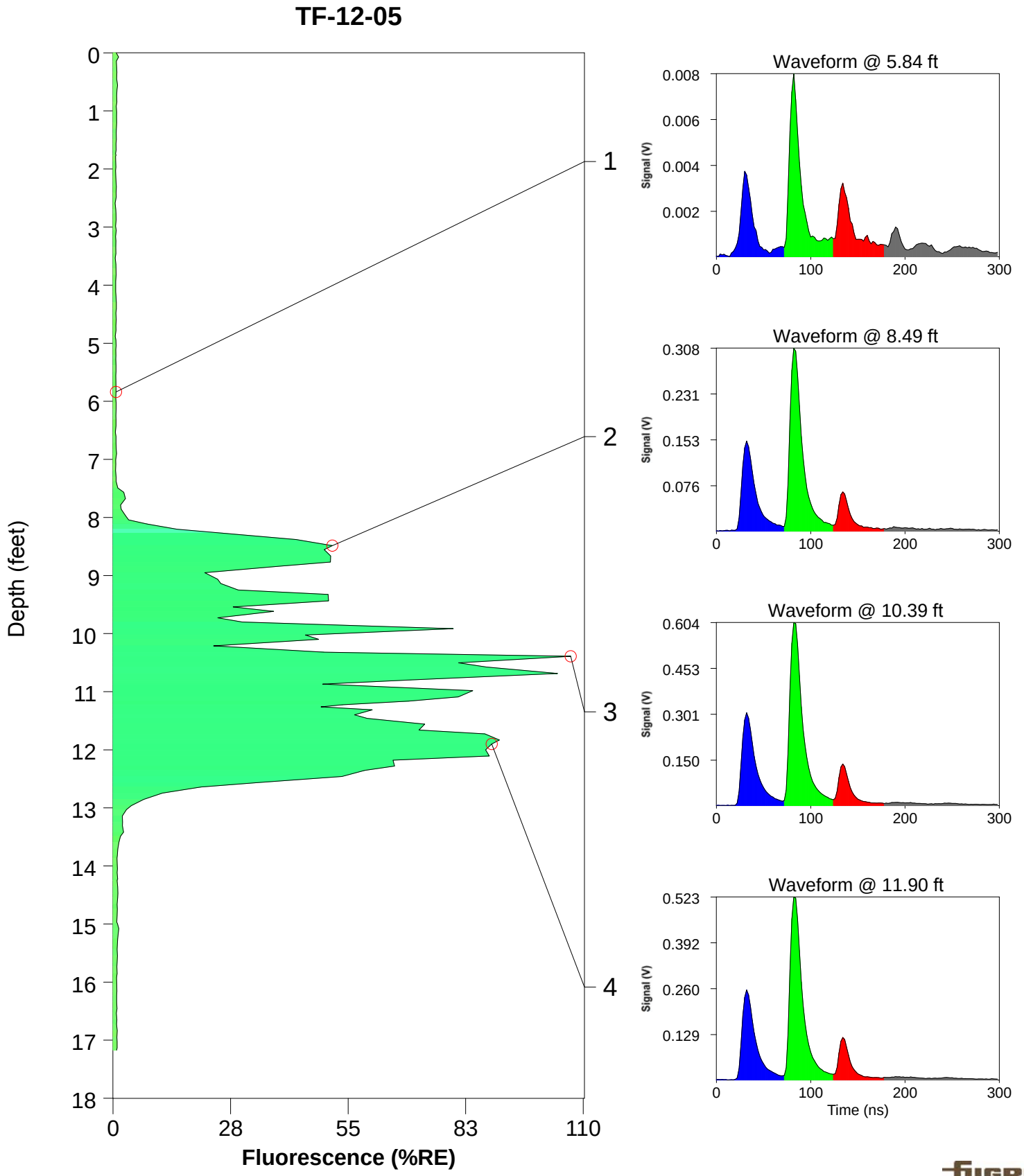
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 3:24:12 PM	Max fluorescence: 107.35% @ 10.39 ft
ROST Unit: ?	Final depth BGS: 17.17 ft



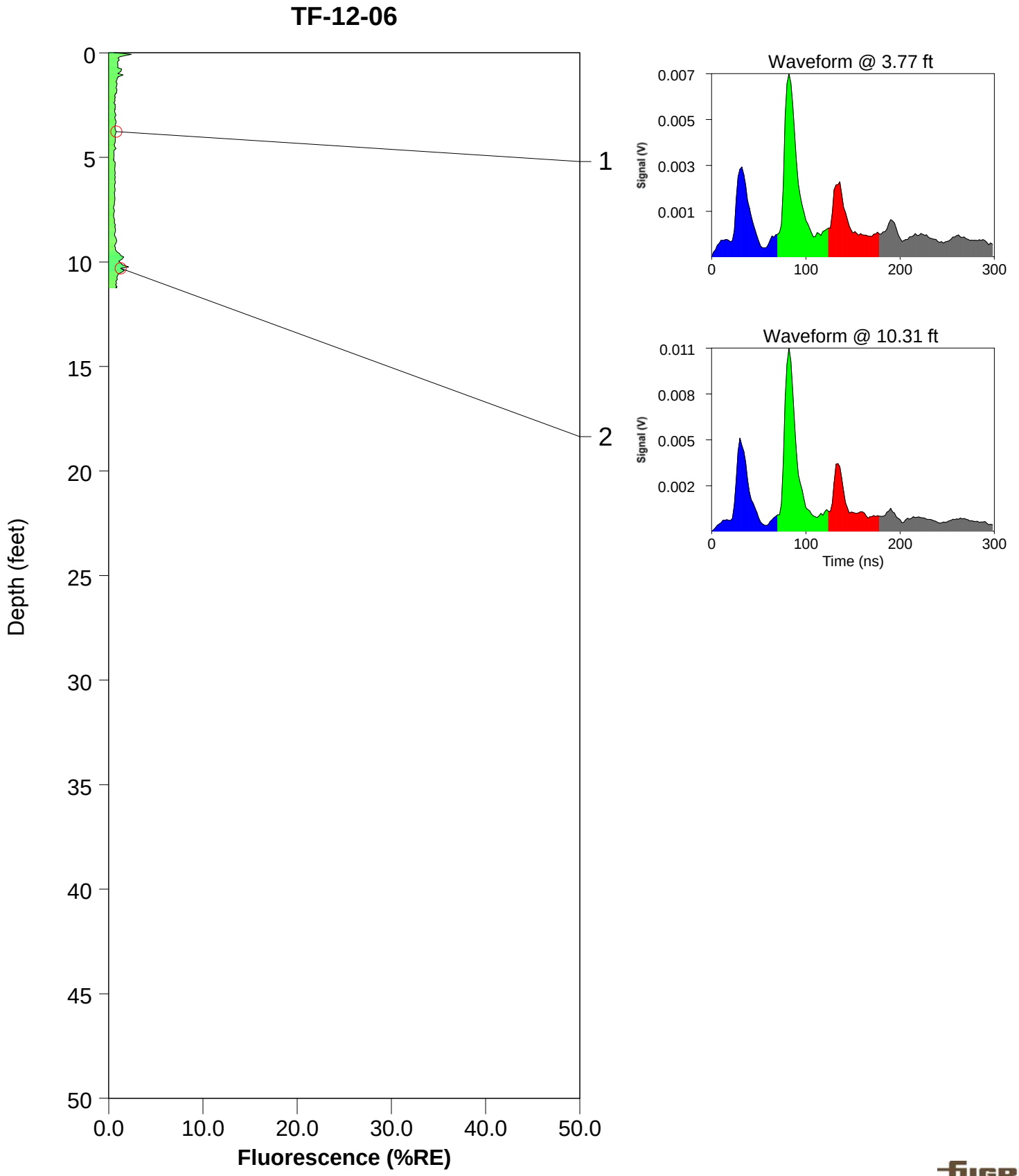
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 3:24:12 PM	Max fluorescence: 107.35% @ 10.39 ft
ROST Unit: ?	Final depth BGS: 17.17 ft



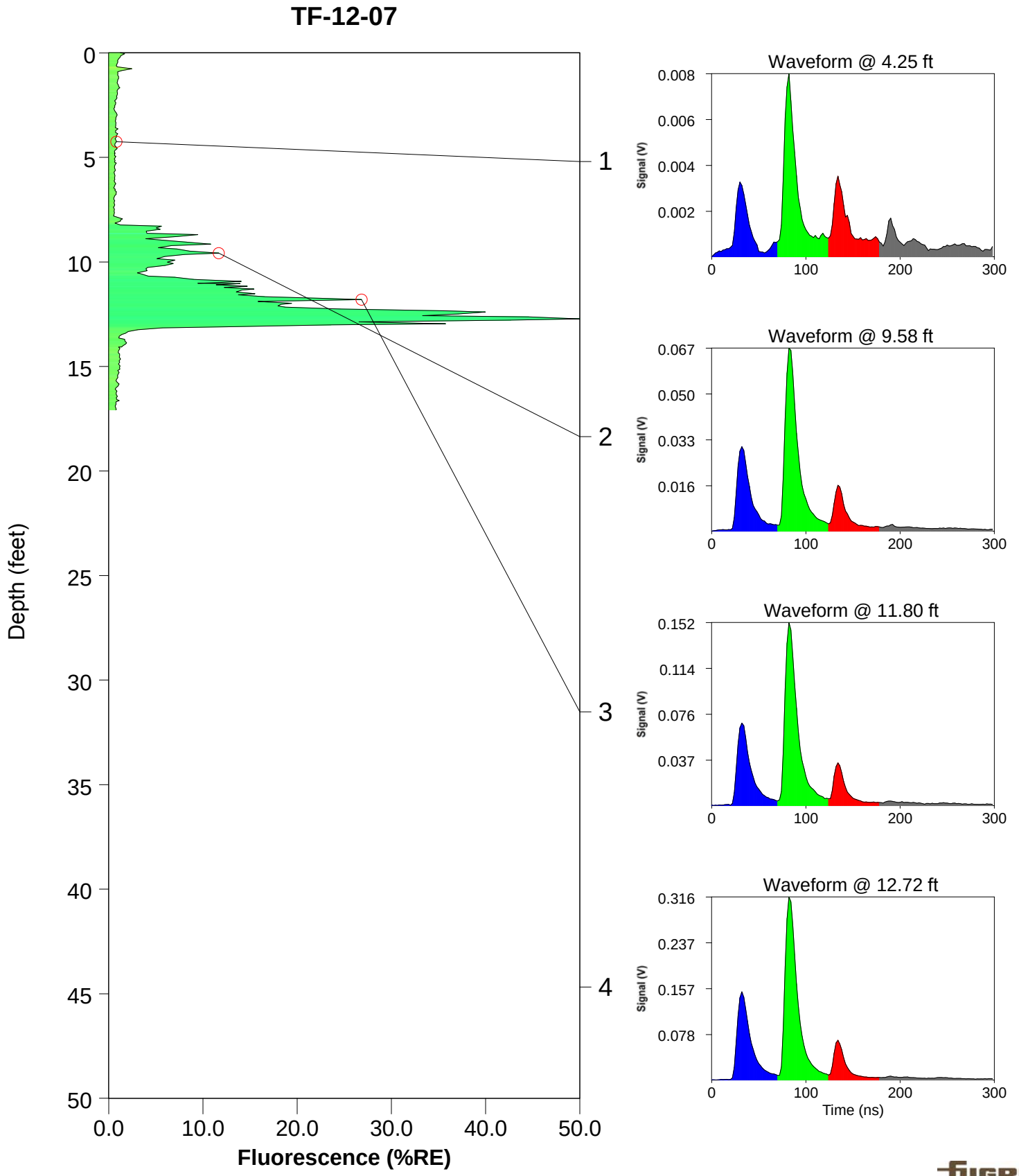
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 3:39:46 PM	Max fluorescence: 2.39% @ 0.07 ft
ROST Unit: ?	Final depth BGS: 11.24 ft



ROST Fluorescence Response Data

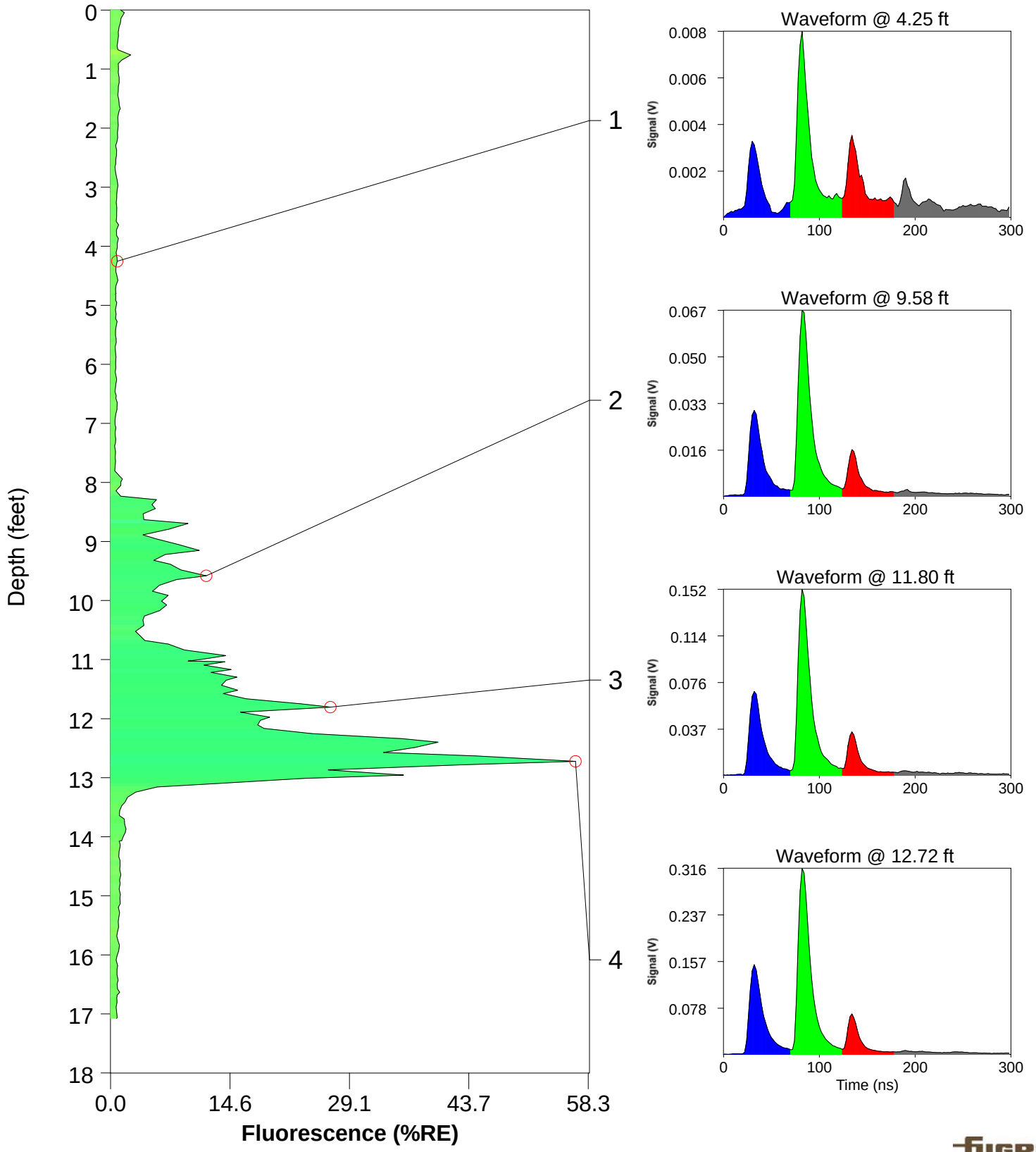
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 3:01:36 PM	Max fluorescence: 56.73% @ 12.72 ft
ROST Unit: ?	Final depth BGS: 17.08 ft



ROST Fluorescence Response Data

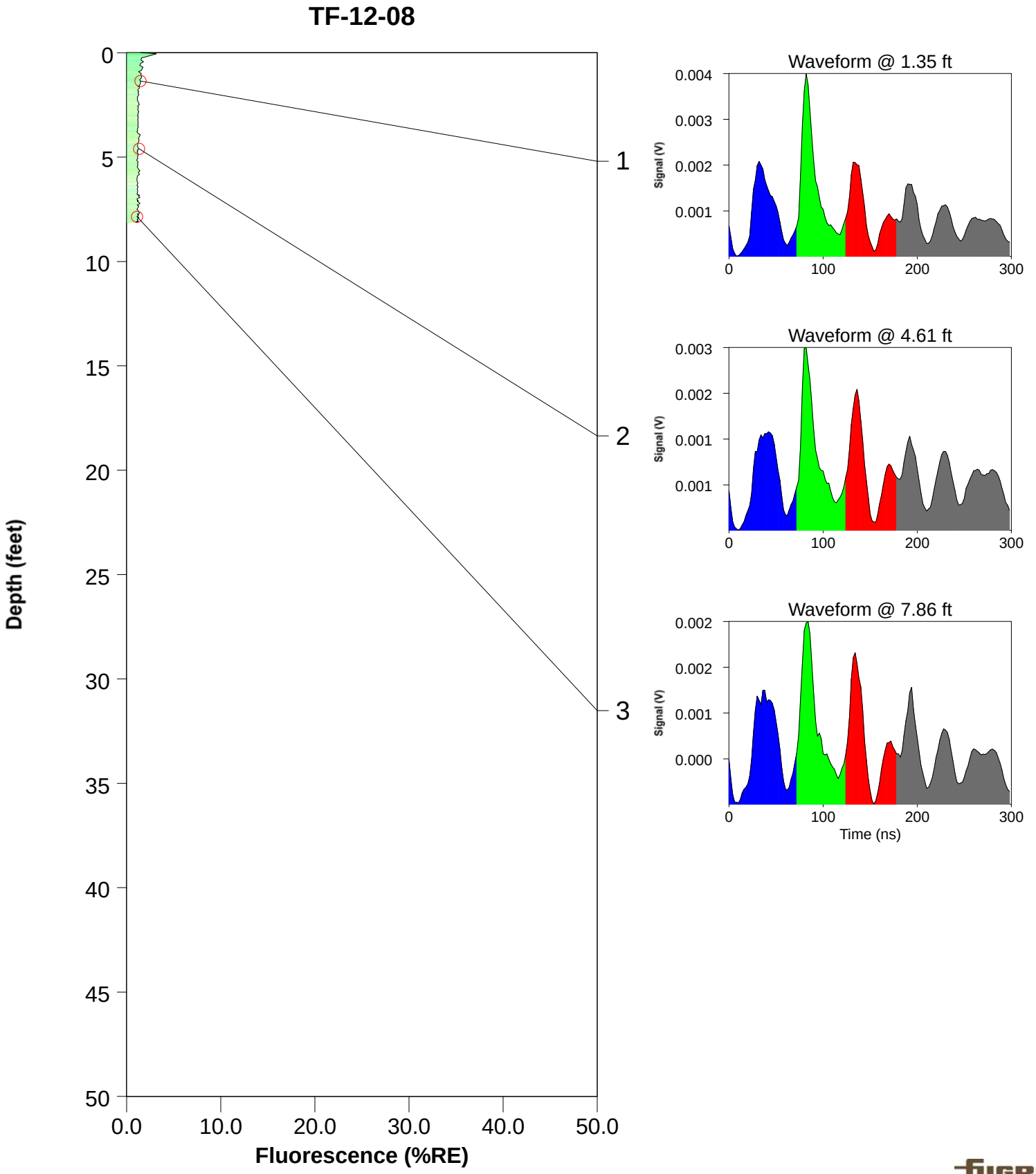
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 3:01:36 PM	Max fluorescence: 56.73% @ 12.72 ft
ROST Unit: ?	Final depth BGS: 17.08 ft

TF-12-07



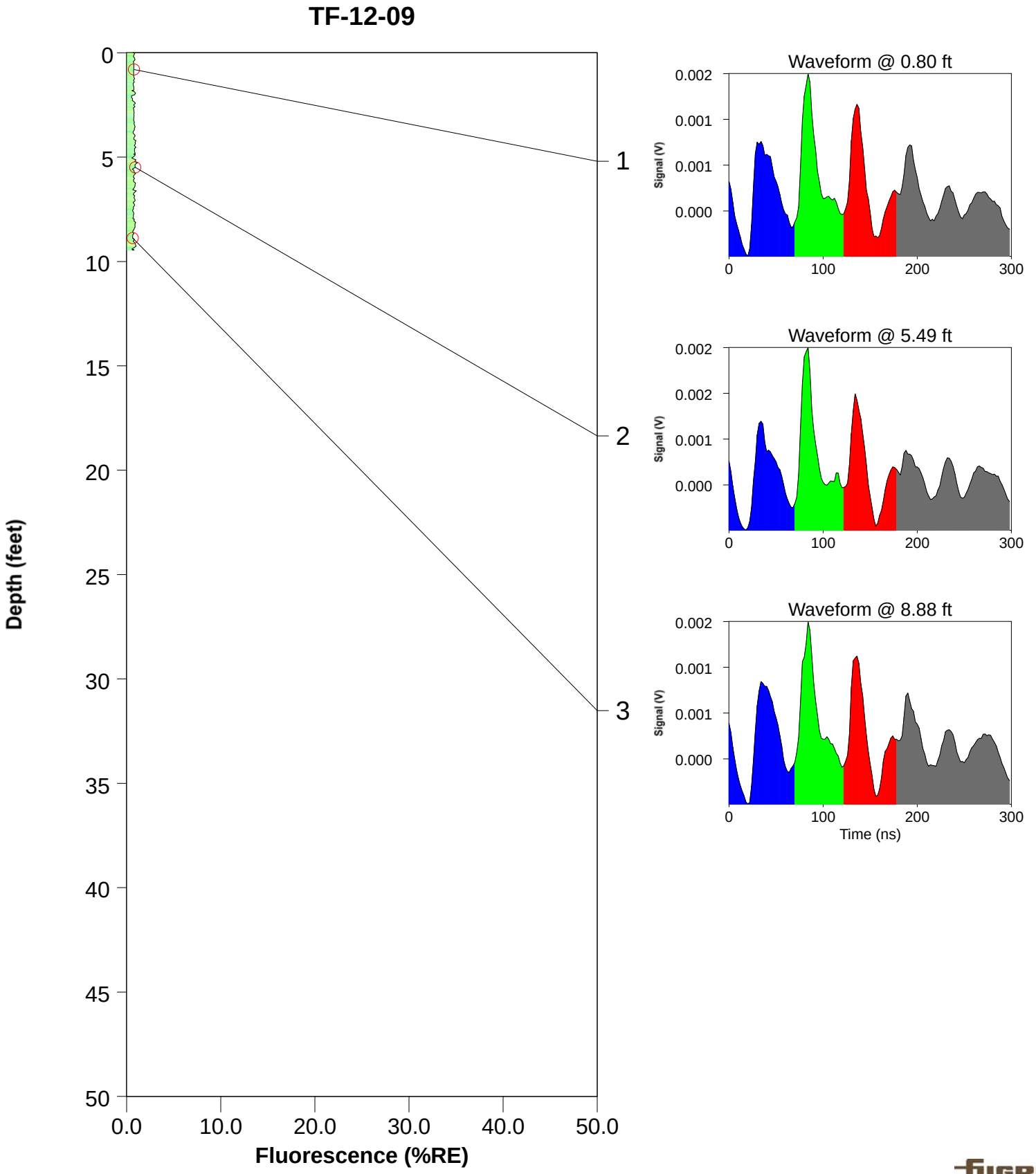
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/7/2015 @ 8:54:26 AM	Max fluorescence: 3.14% @ 0.05 ft
ROST Unit: 2	Final depth BGS: 8.12 ft



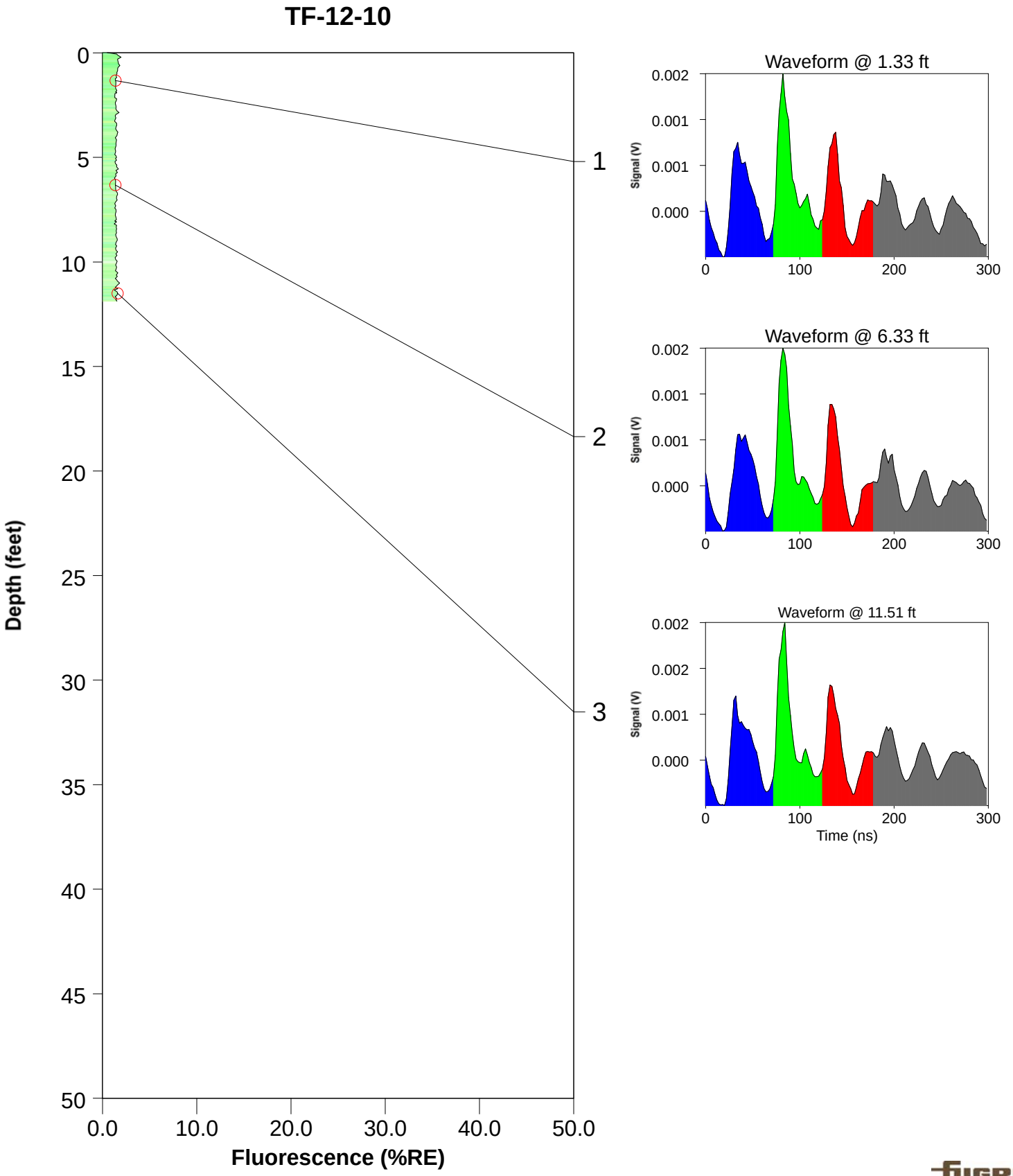
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/7/2015 @ 9:28:50 AM	Max fluorescence: 1.14% @ 5.27 ft
ROST Unit: 2	Final depth BGS: 9.46 ft



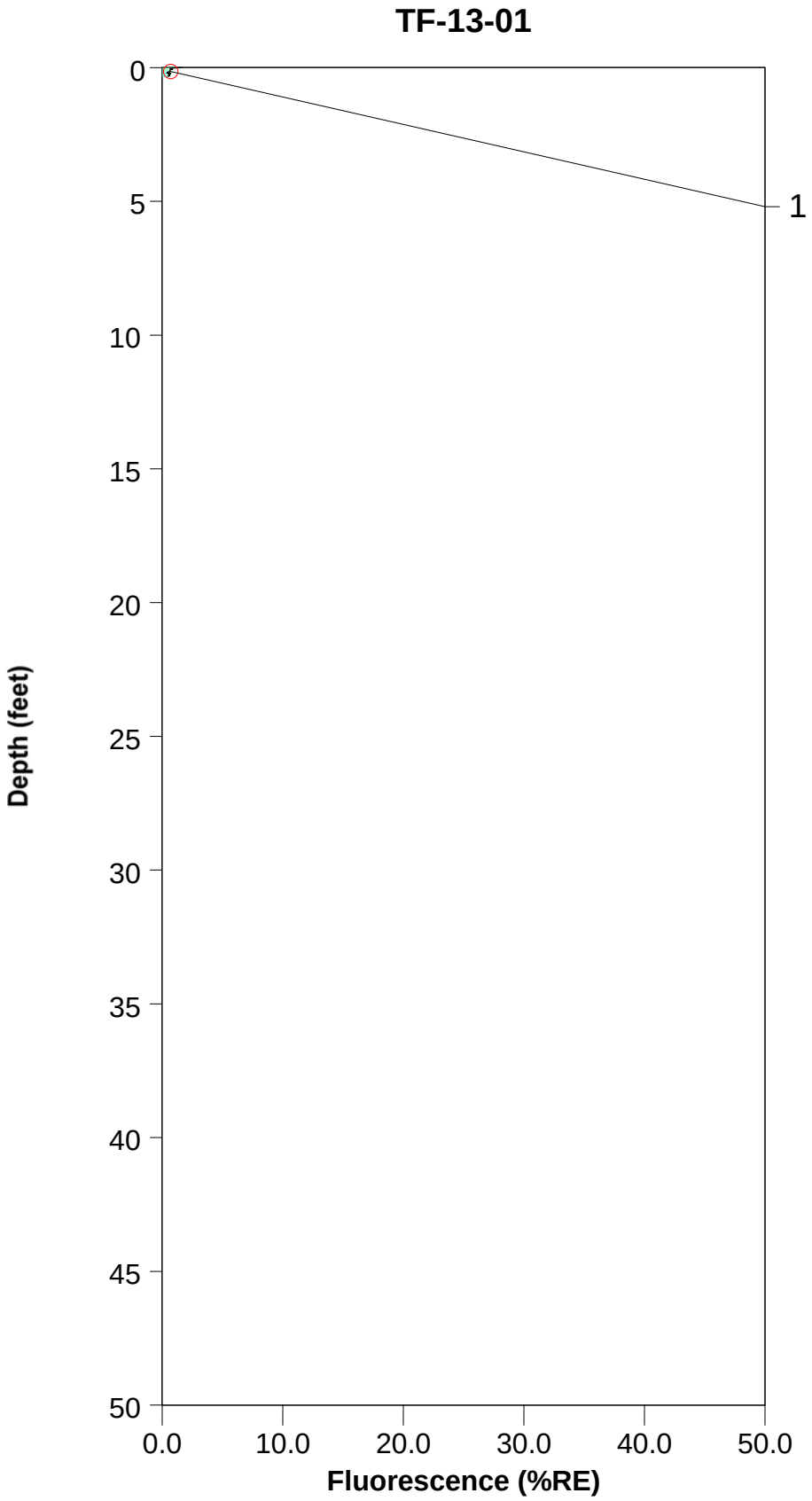
ROST Fluorescence Response Data

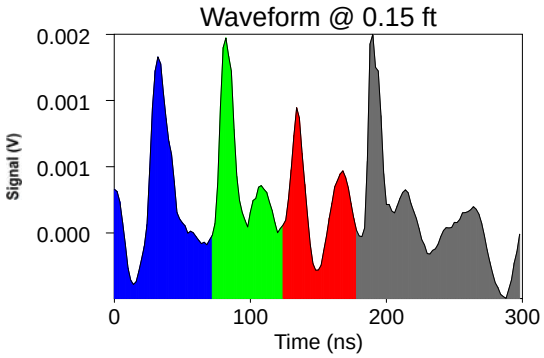
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/7/2015 @ 9:14:00 AM	Max fluorescence: 1.96% @ 0.21 ft
ROST Unit: 2	Final depth BGS: 11.88 ft



ROST Fluorescence Response Data

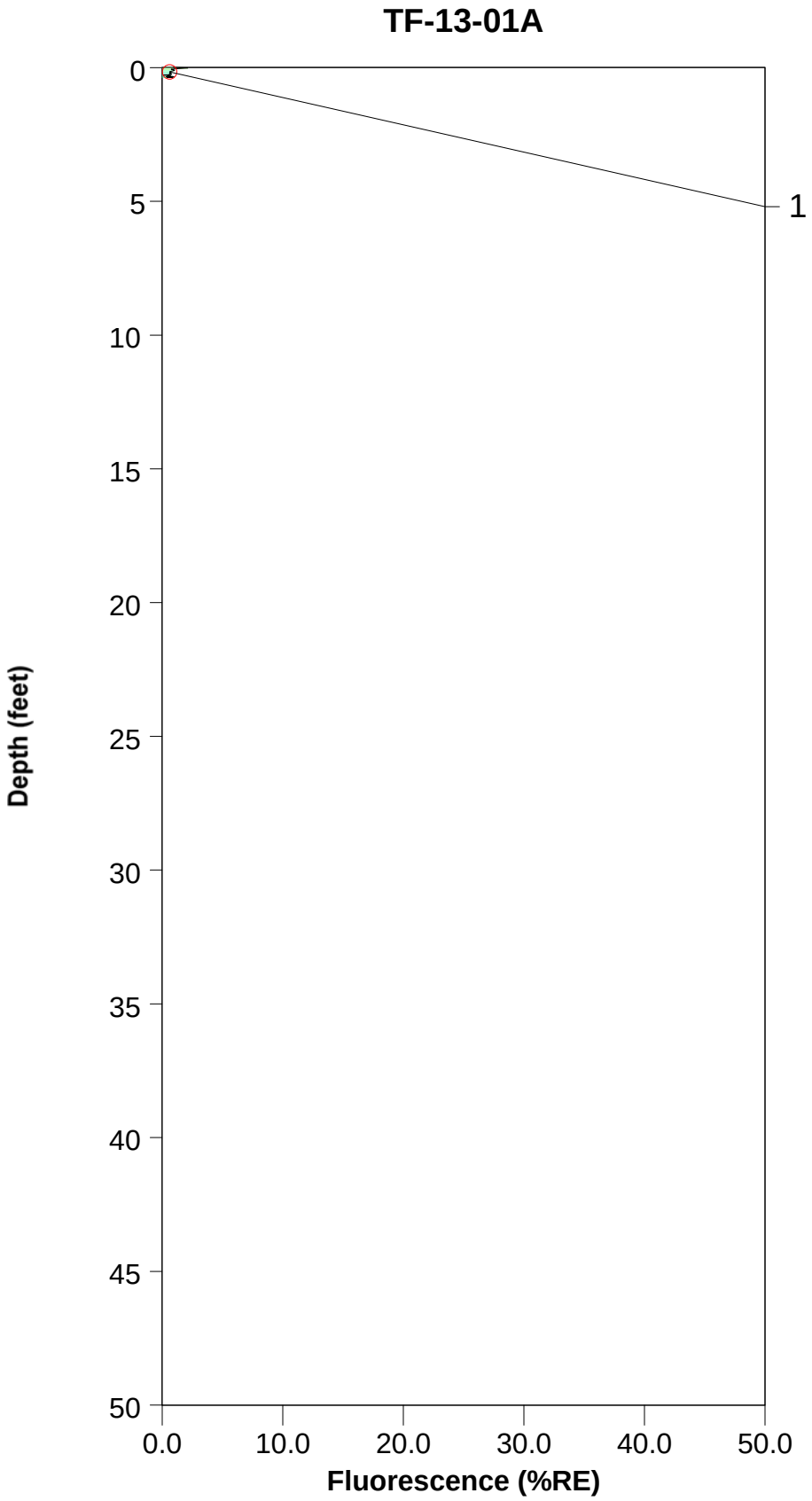
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 10:01:24 AM	Max fluorescence: 1.70% @ 0.01 ft
ROST Unit: ?	Final depth BGS: 0.32 ft

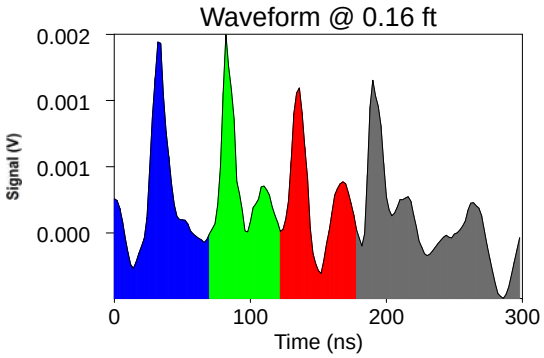




ROST Fluorescence Response Data

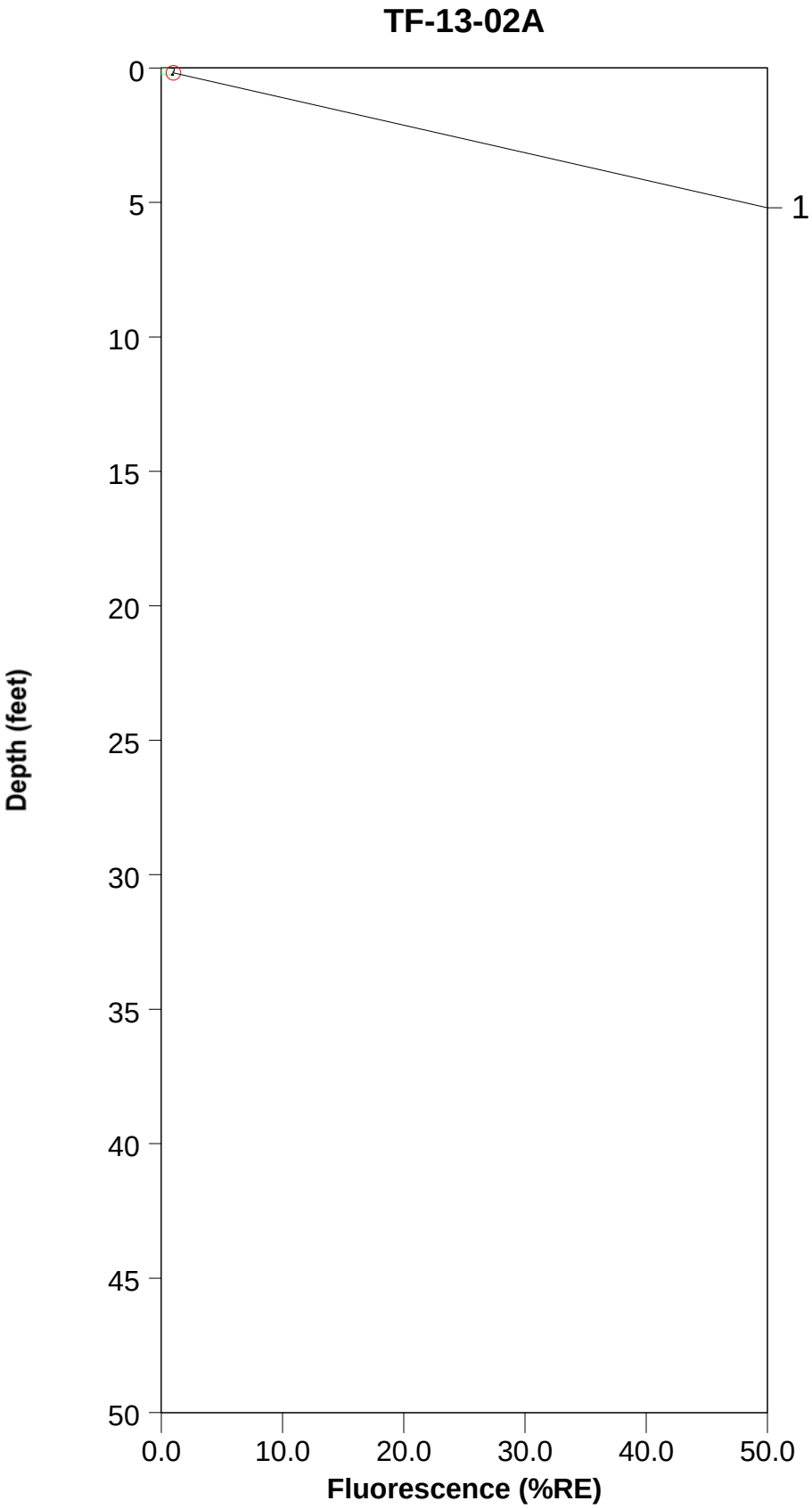
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 10:11:55 AM	Max fluorescence: 2.14% @ 0.01 ft
ROST Unit: ?	Final depth BGS: 0.37 ft

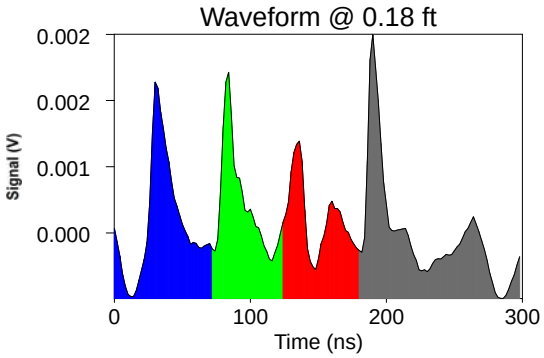




ROST Fluorescence Response Data

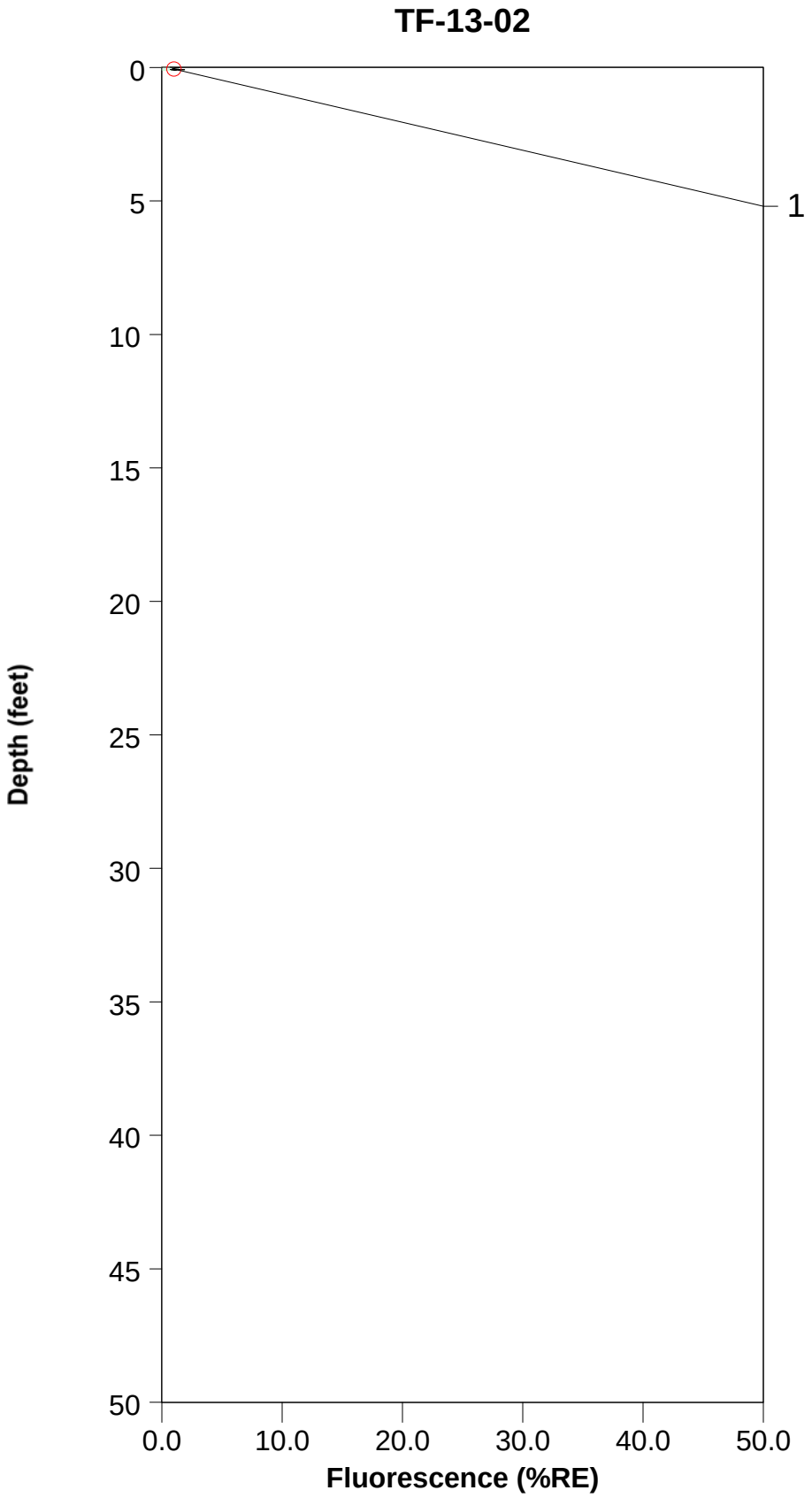
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 10:41:17 AM	Max fluorescence: 1.07% @ 0.02 ft
ROST Unit: ?	Final depth BGS: 0.27 ft

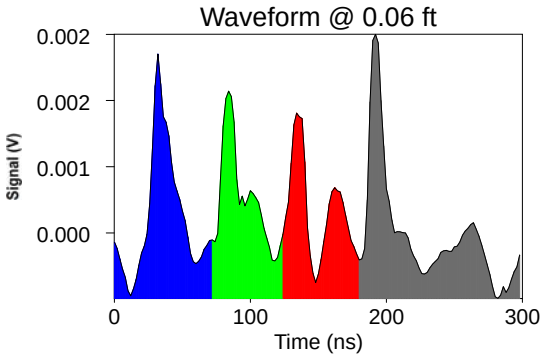




ROST Fluorescence Response Data

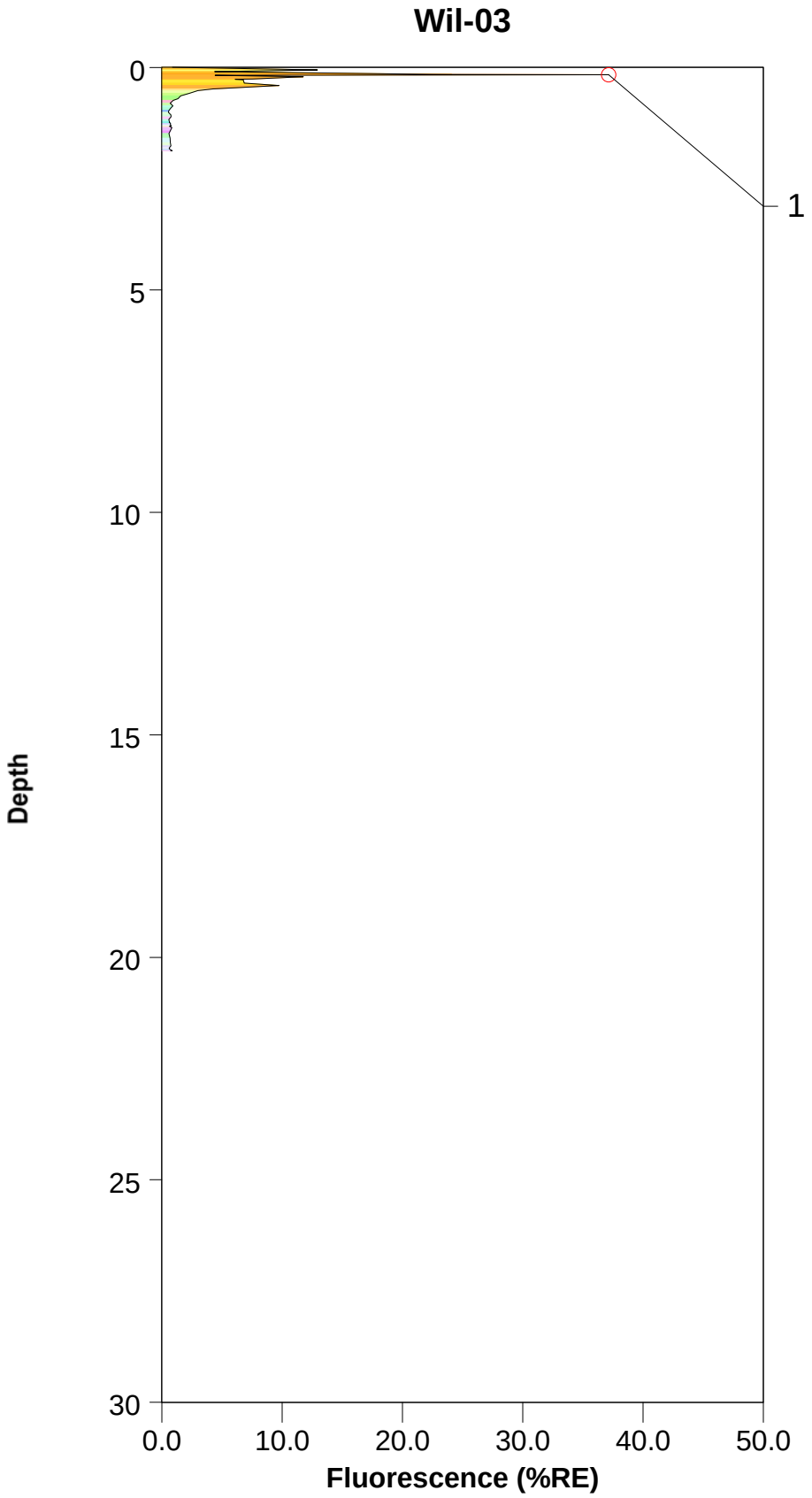
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/8/2015 @ 10:23:58 AM	Max fluorescence: 1.90% @ 0.08 ft
ROST Unit: ?	Final depth BGS: 0.10 ft

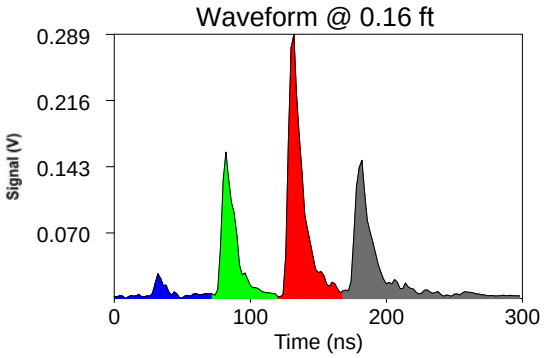




ROST Fluorescence Response Data

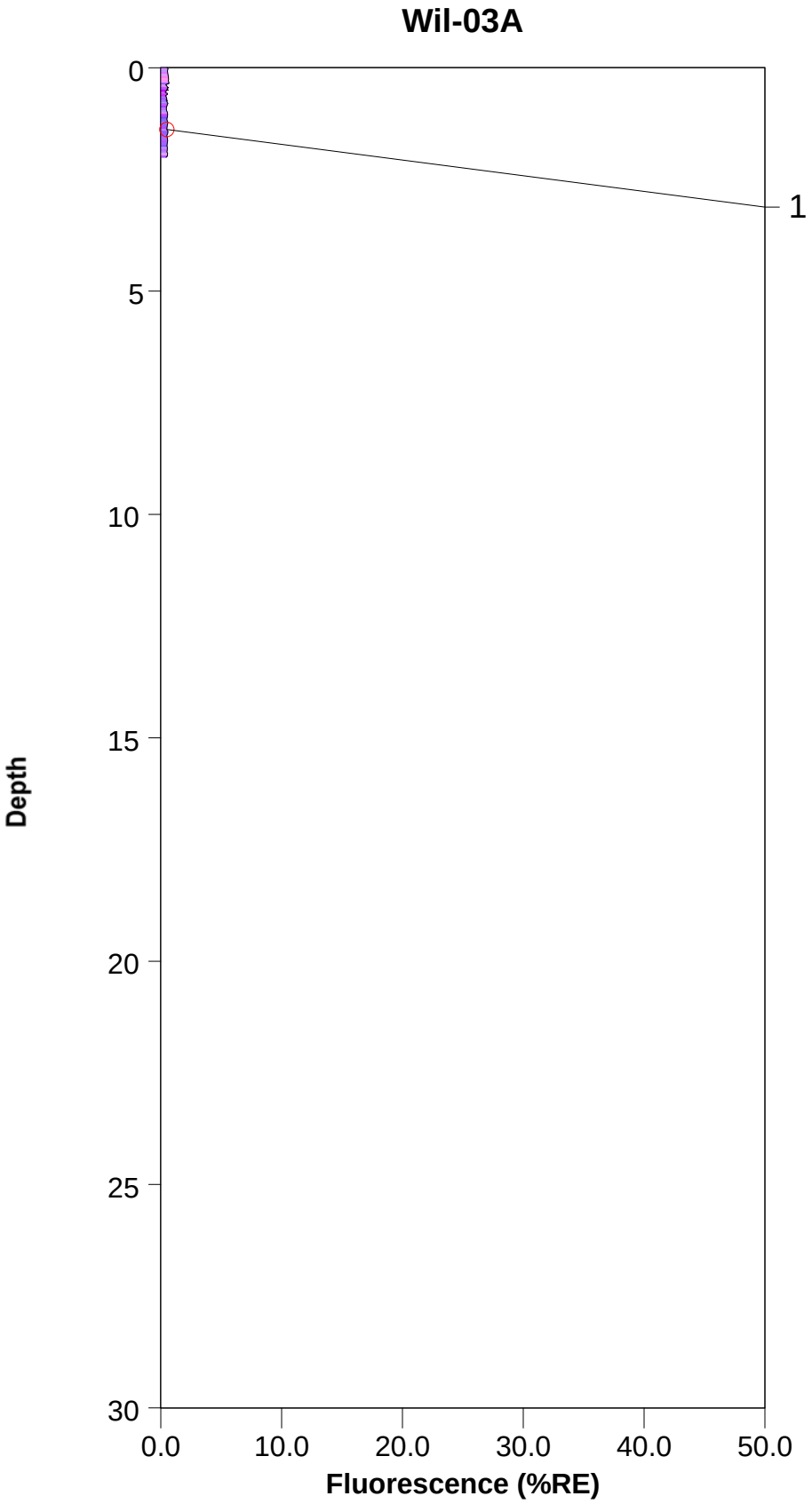
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 11:23:10 AM	Max fluorescence: 37.14% @ 0.16 ft
ROST Unit: ?	Final depth BGS: 1.88 ft

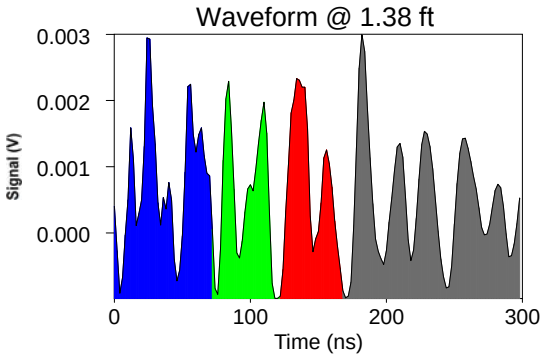




ROST Fluorescence Response Data

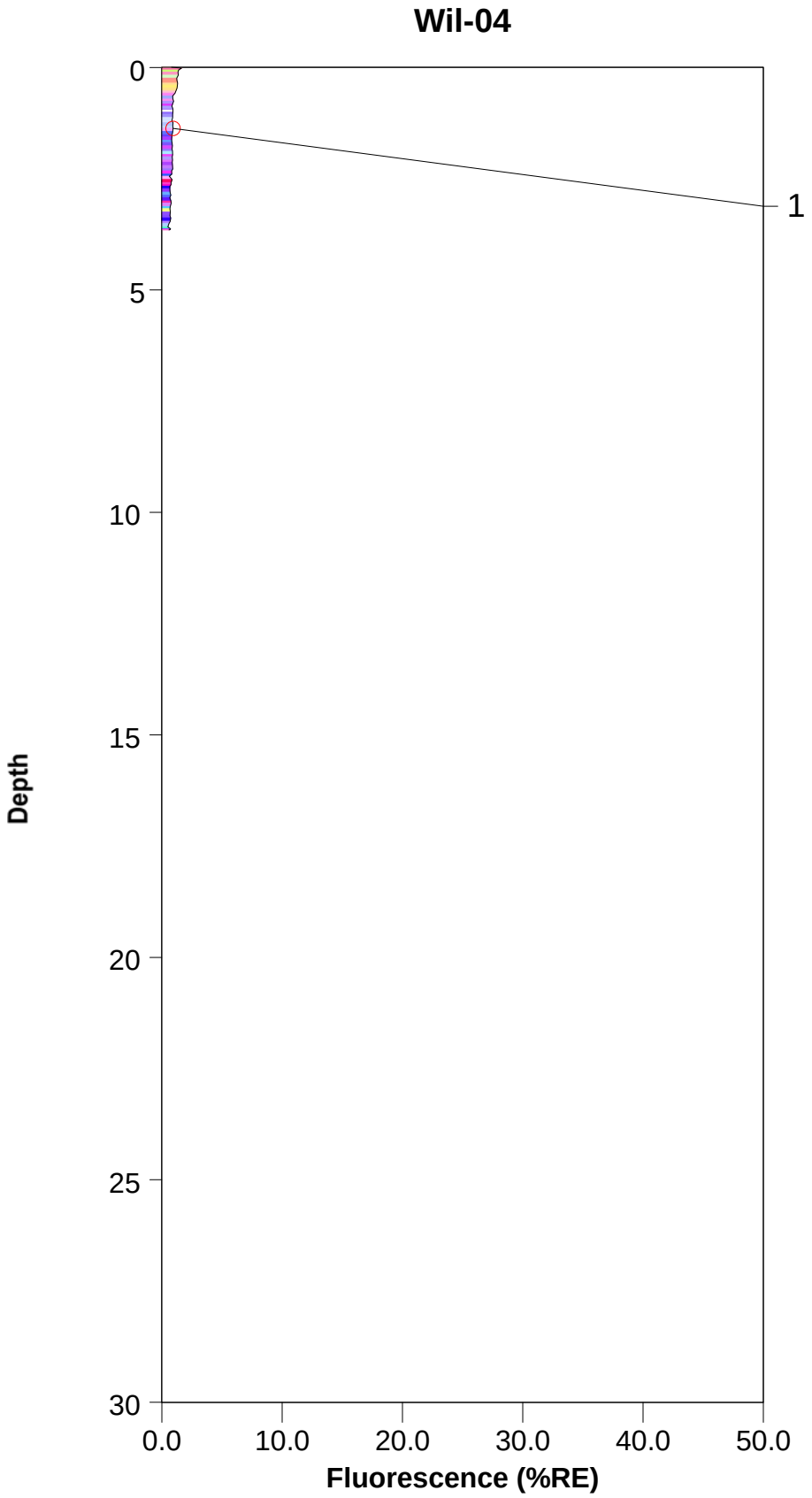
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 11:45:54 AM	Max fluorescence: 0.68% @ 0.35 ft
ROST Unit: ?	Final depth BGS: 2.01 ft

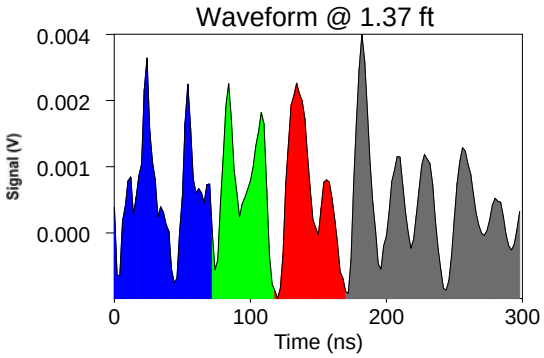




ROST Fluorescence Response Data

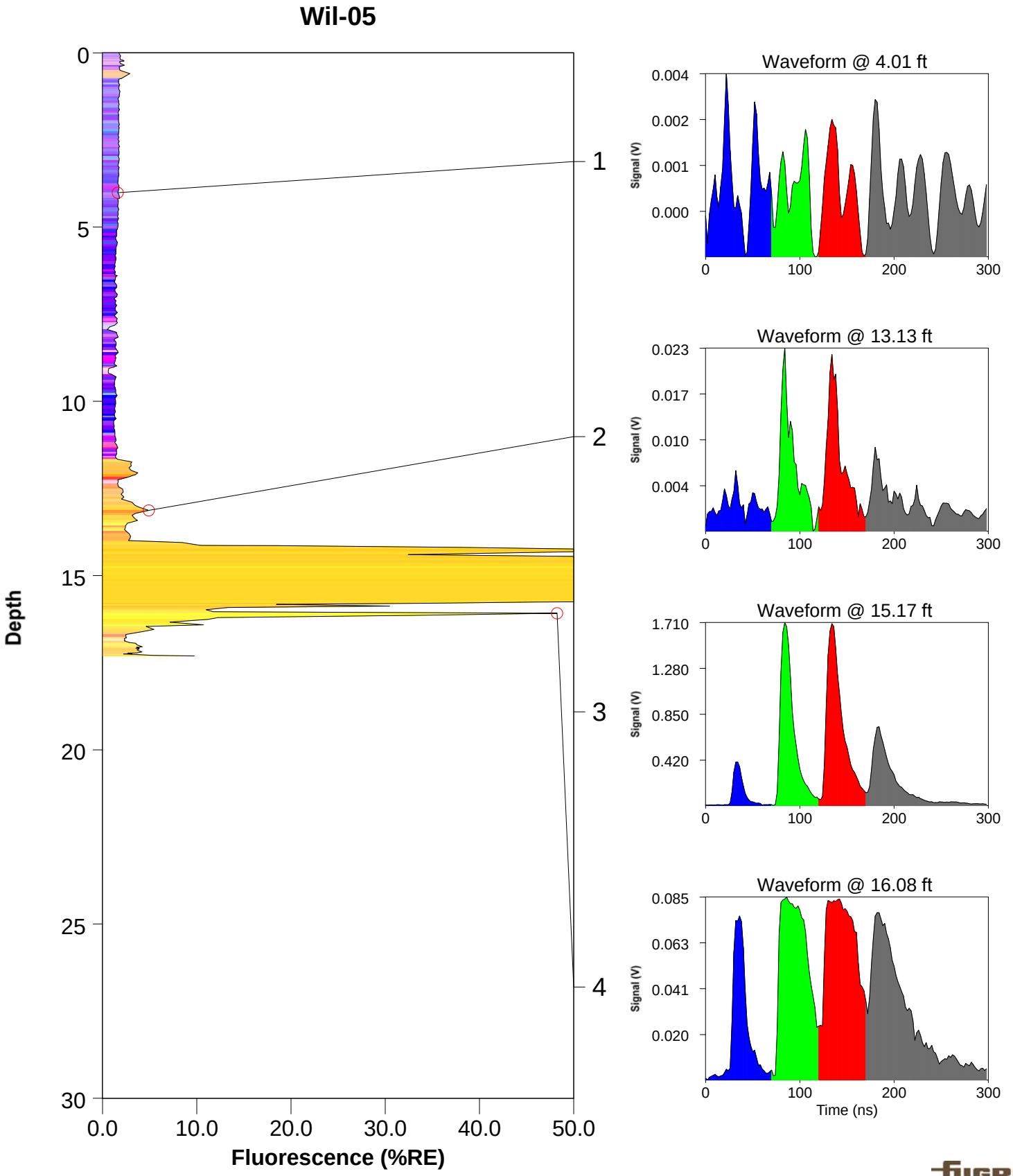
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 12:24:23 PM	Max fluorescence: 1.64% @ 0.01 ft
ROST Unit: ?	Final depth BGS: 3.65 ft





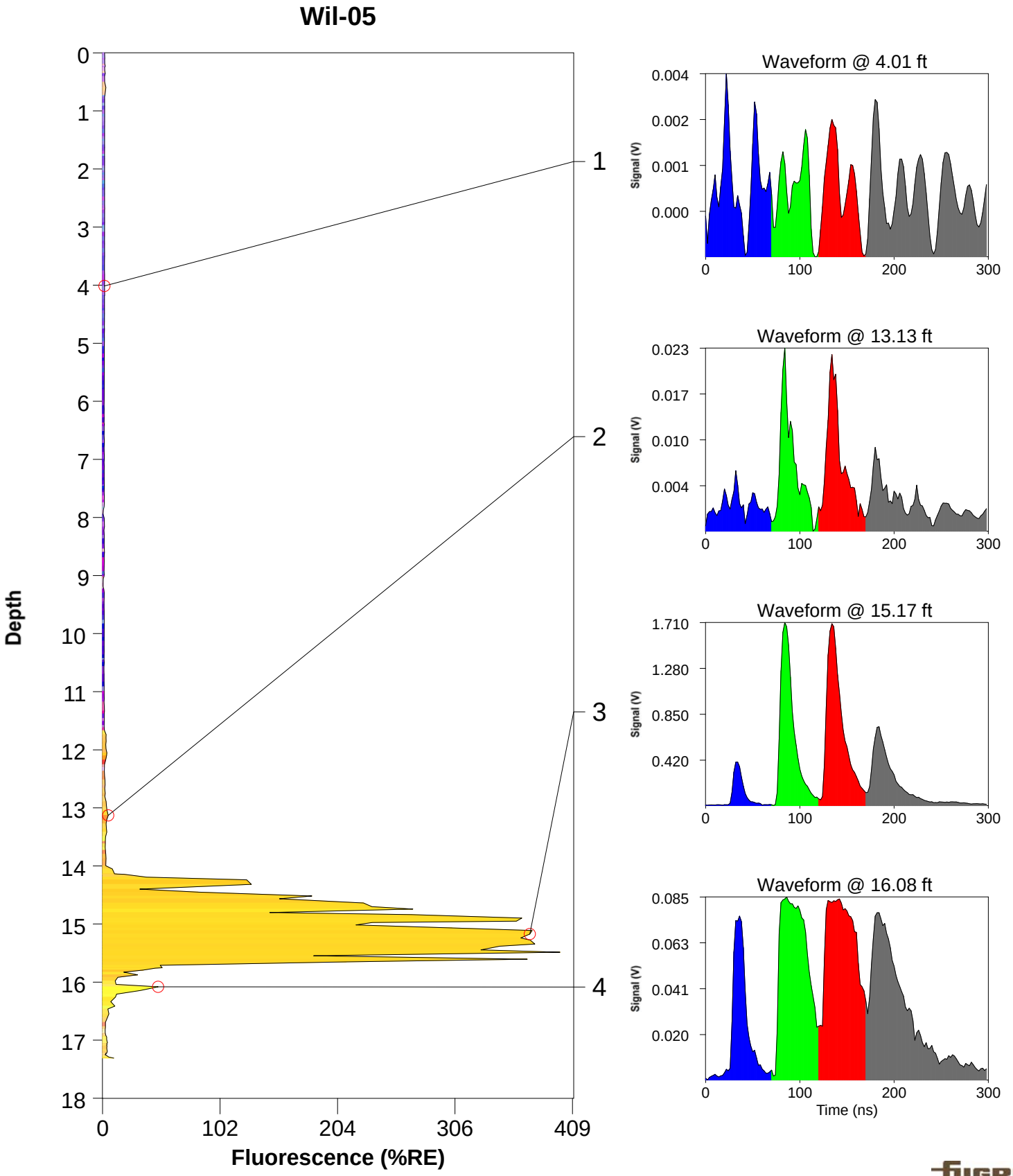
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 12:45:43 PM	Max fluorescence: 397.65% @ 15.48 ft
ROST Unit: ?	Final depth BGS: 17.31 ft



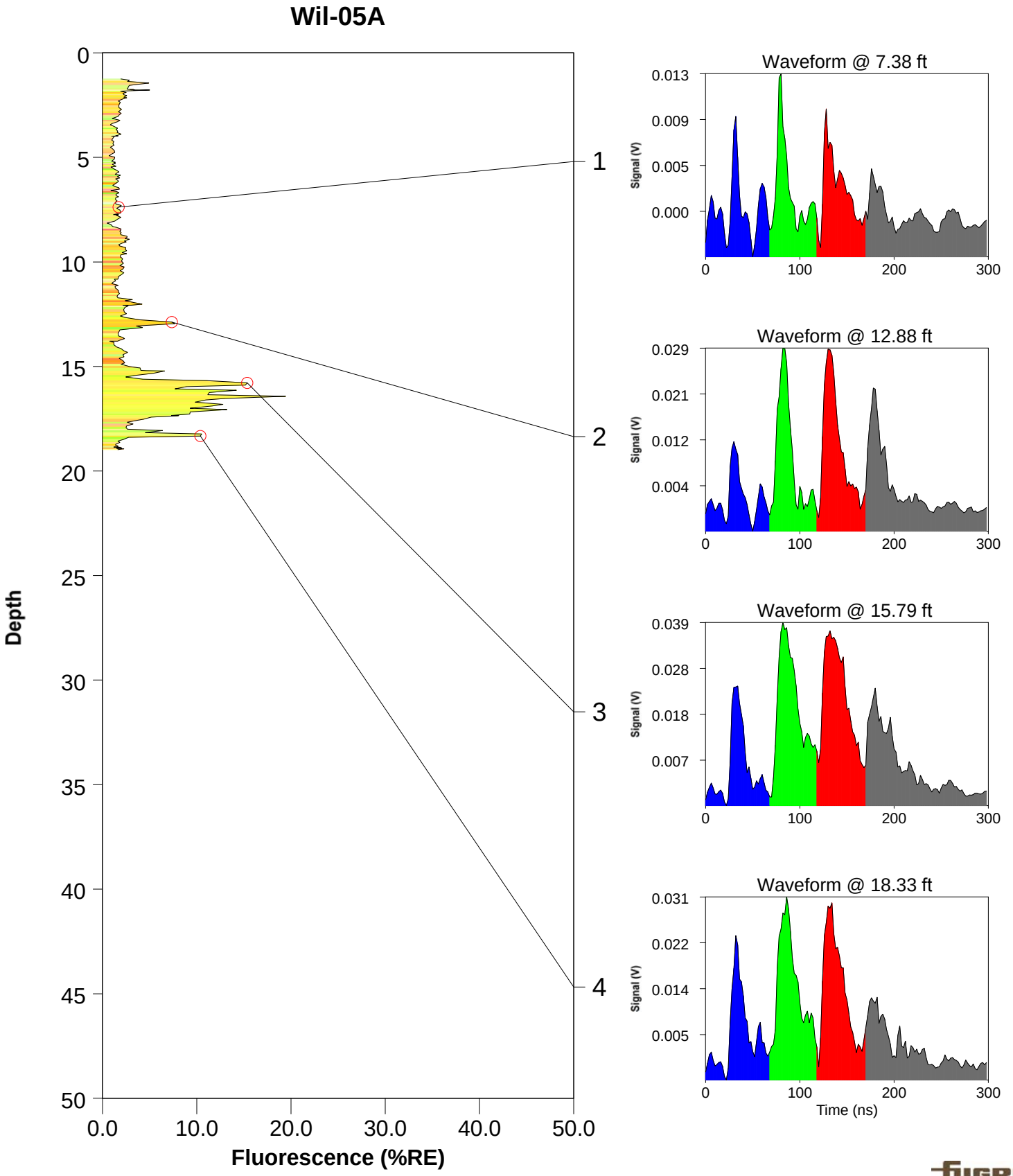
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 12:45:43 PM	Max fluorescence: 397.65% @ 15.48 ft
ROST Unit: ?	Final depth BGS: 17.31 ft



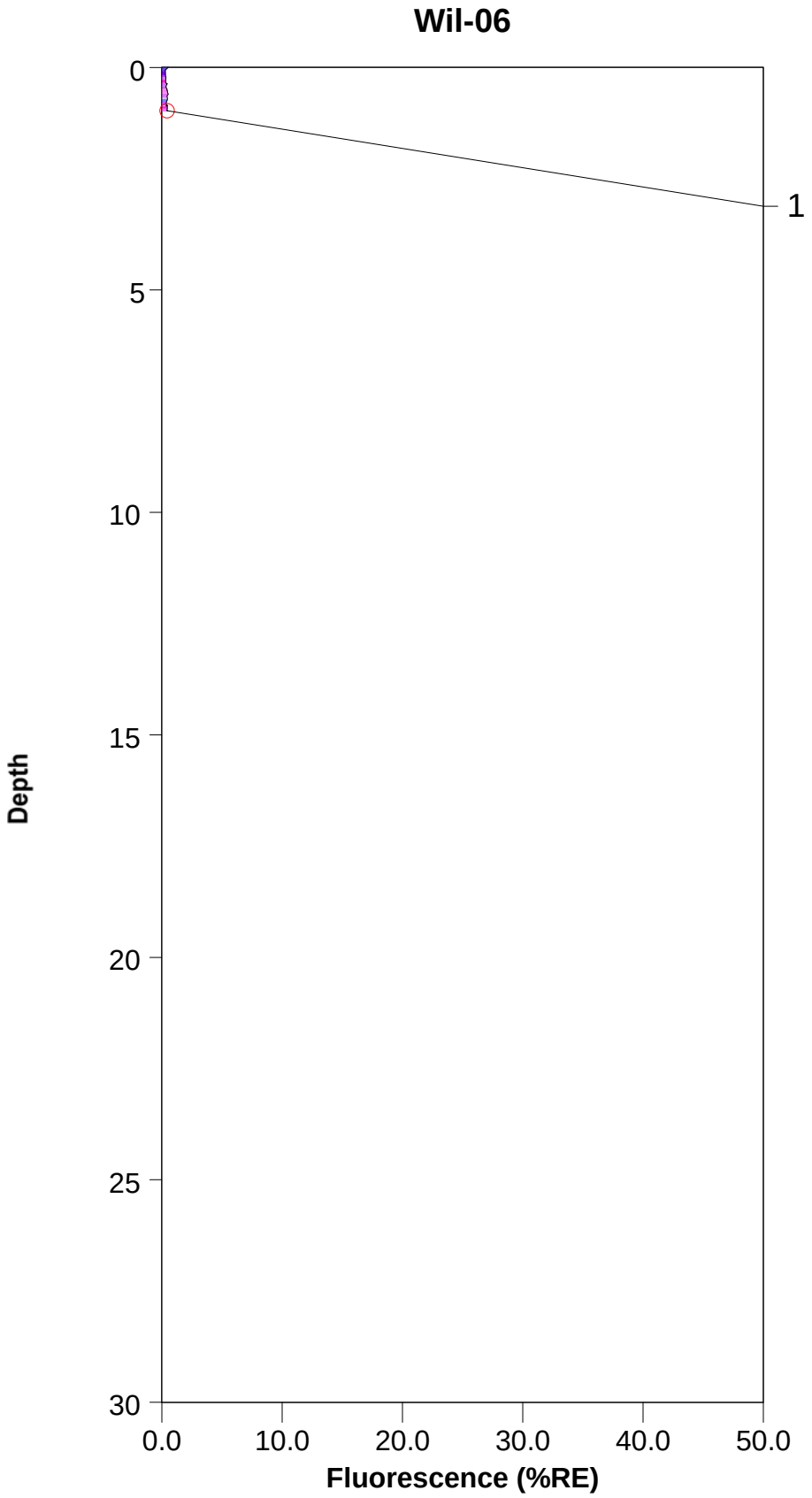
ROST Fluorescence Response Data

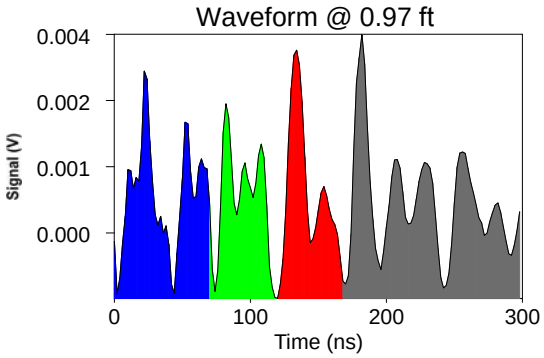
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 10:31:21 AM	Max fluorescence: 19.42% @ 16.43 ft
ROST Unit: ?	Final depth BGS: 18.97 ft



ROST Fluorescence Response Data

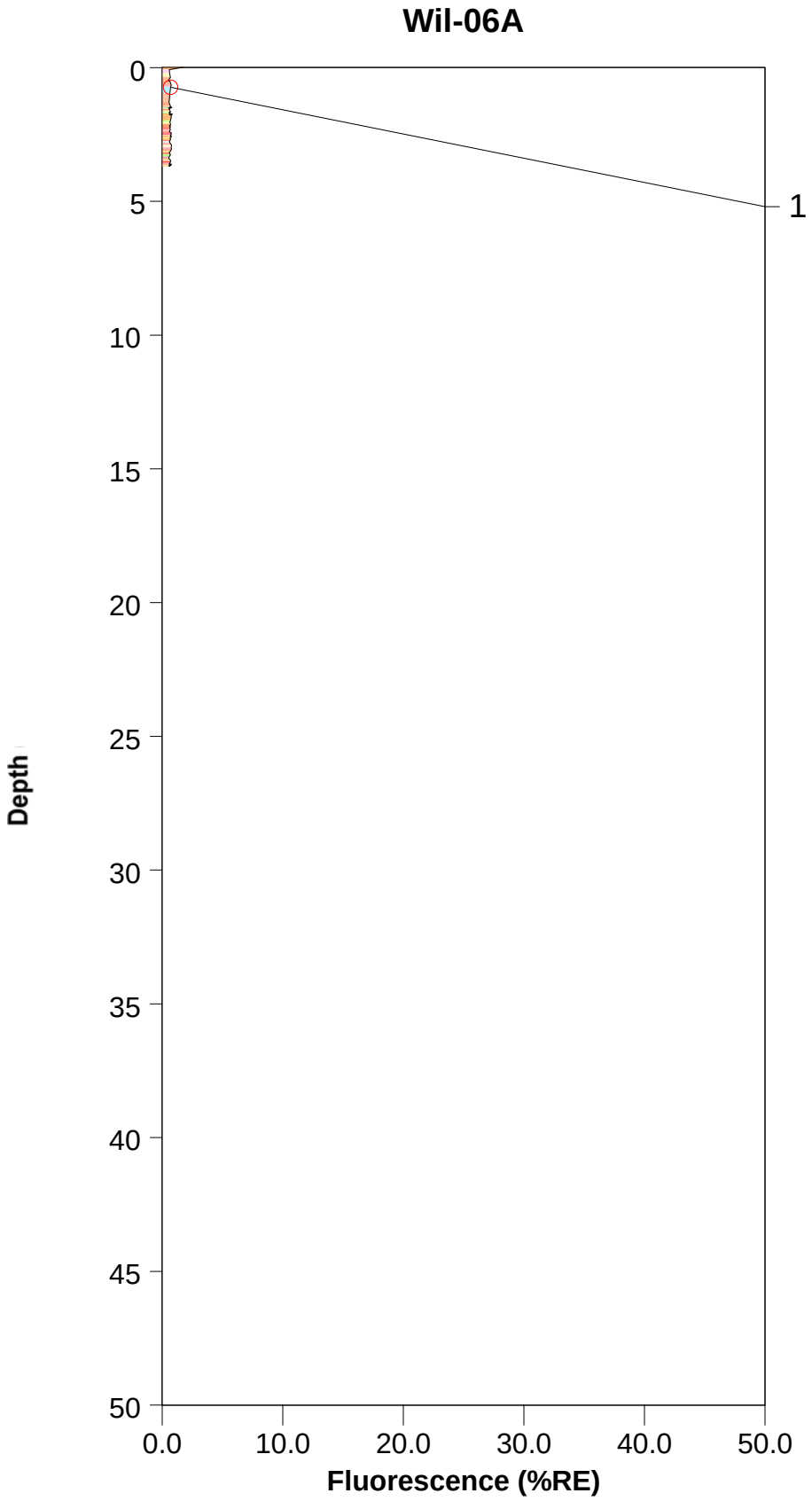
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 1:21:00 PM	Max fluorescence: 0.53% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 0.97 ft

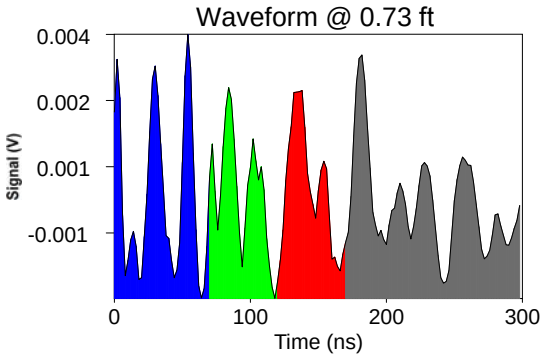




ROST Fluorescence Response Data

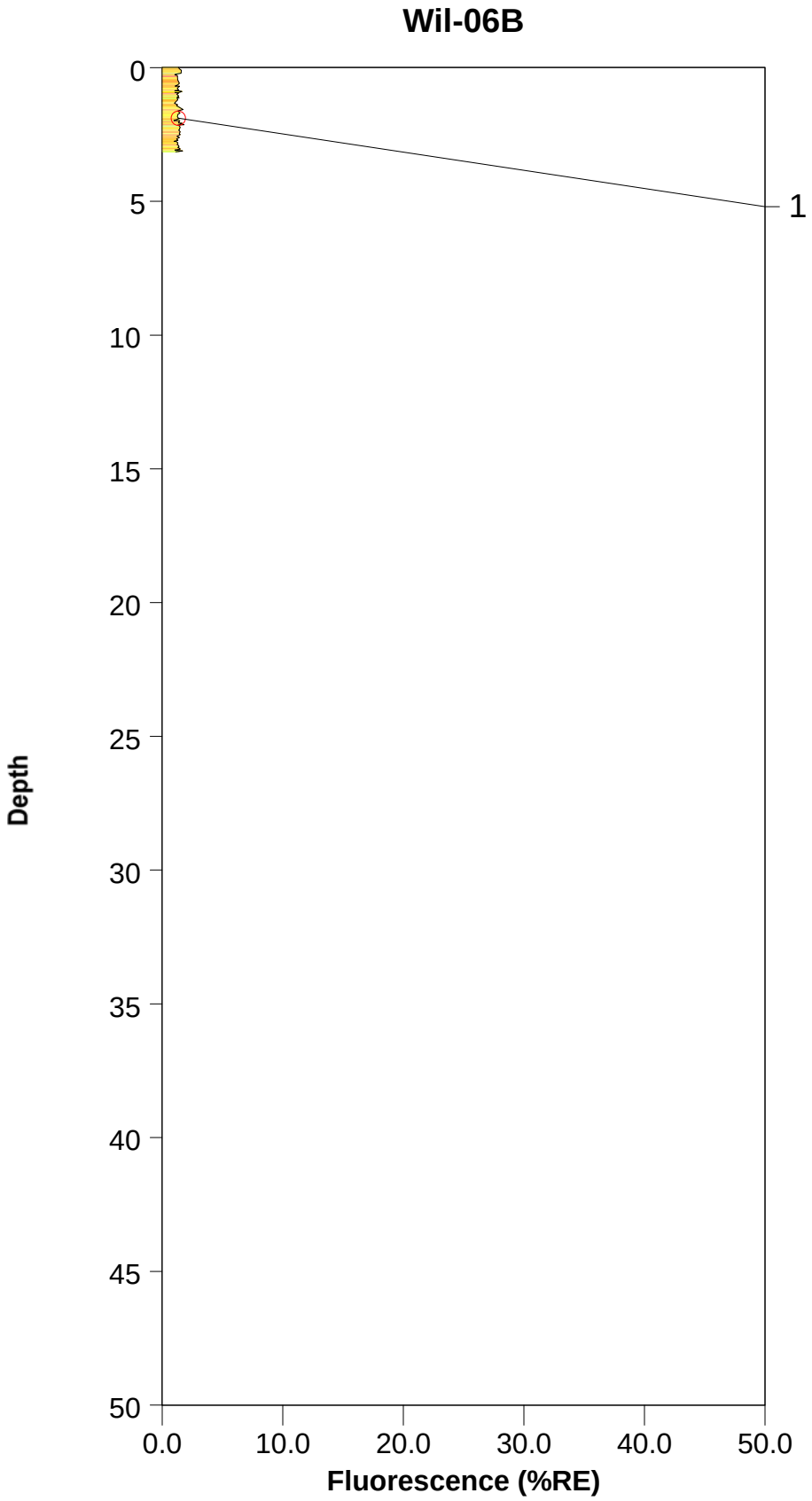
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 11:09:54 AM	Max fluorescence: 1.70% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 3.68 ft

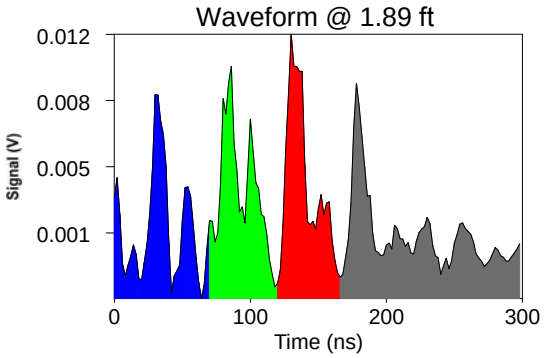




ROST Fluorescence Response Data

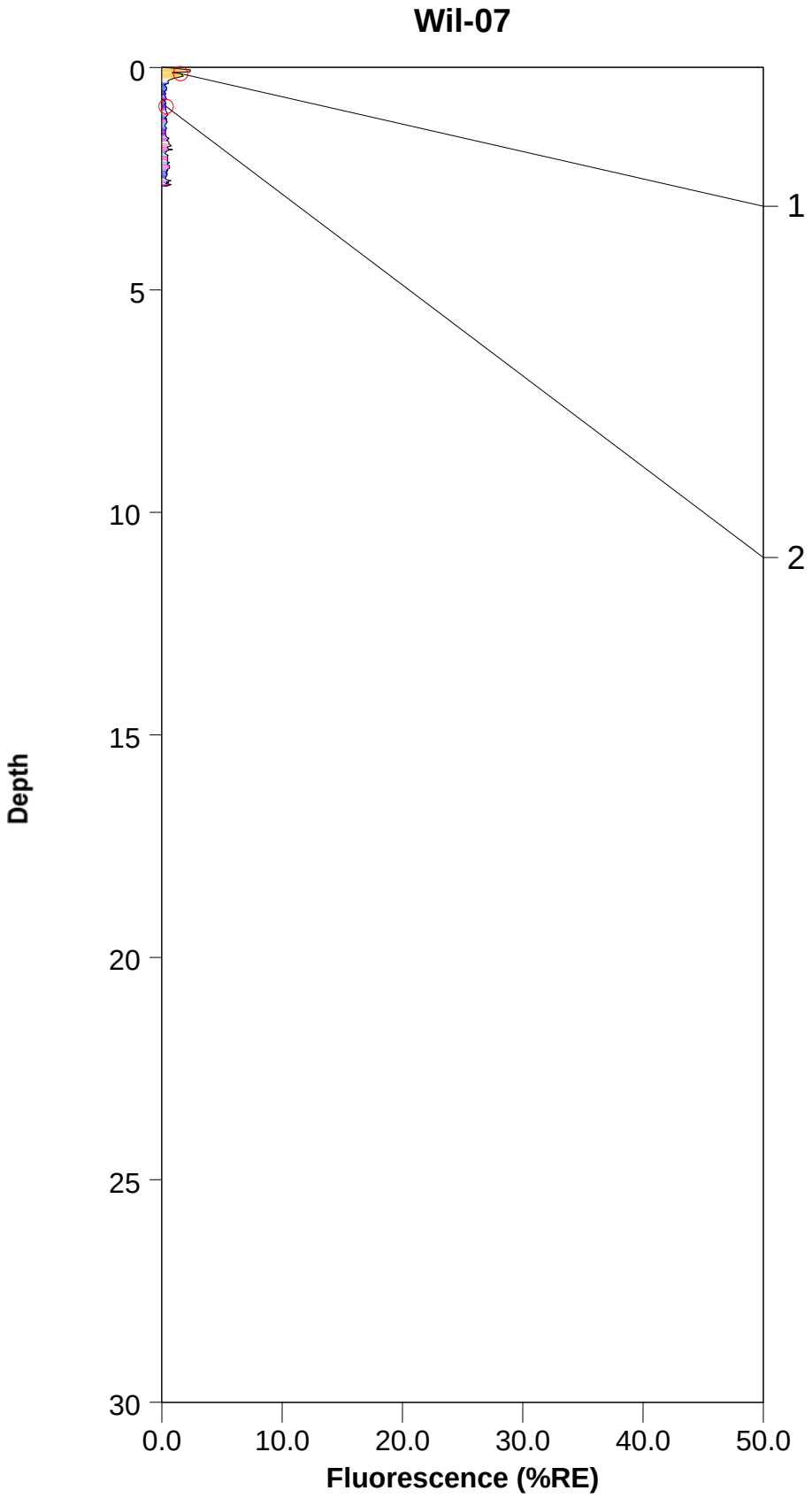
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 11:29:07 AM	Max fluorescence: 1.80% @ 2.14 ft
ROST Unit: ?	Final depth BGS: 3.15 ft

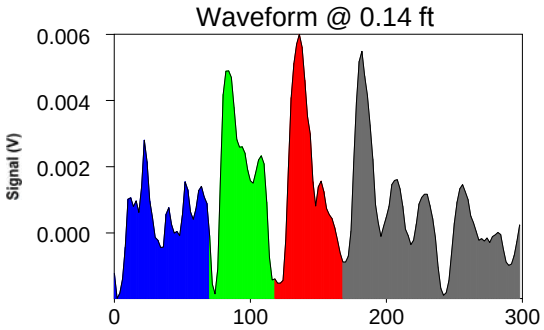


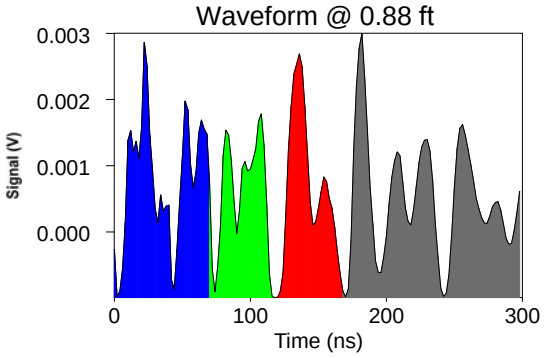


ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 2:01:07 PM	Max fluorescence: 2.37% @ 0.05 ft
ROST Unit: ?	Final depth BGS: 2.66 ft

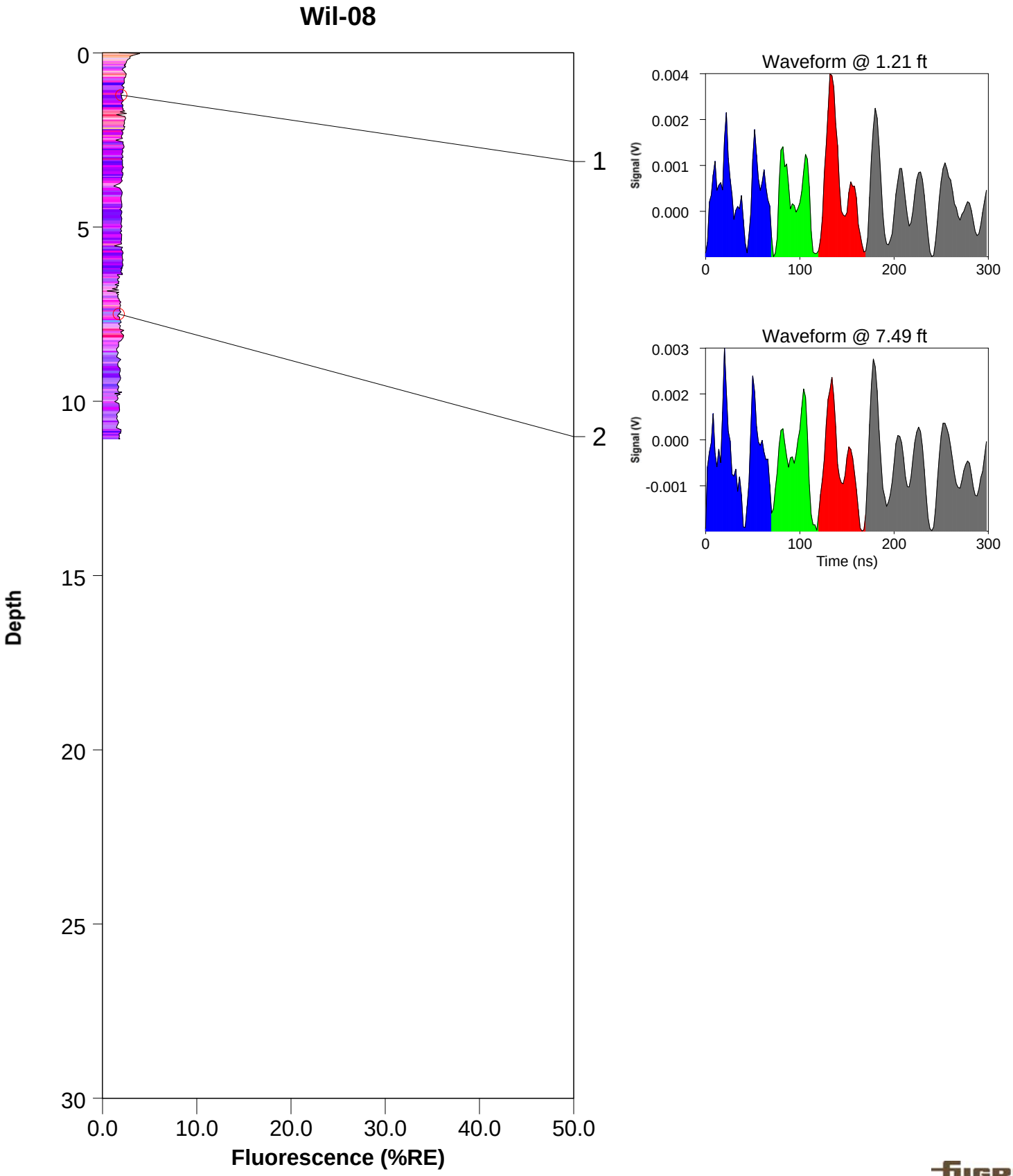






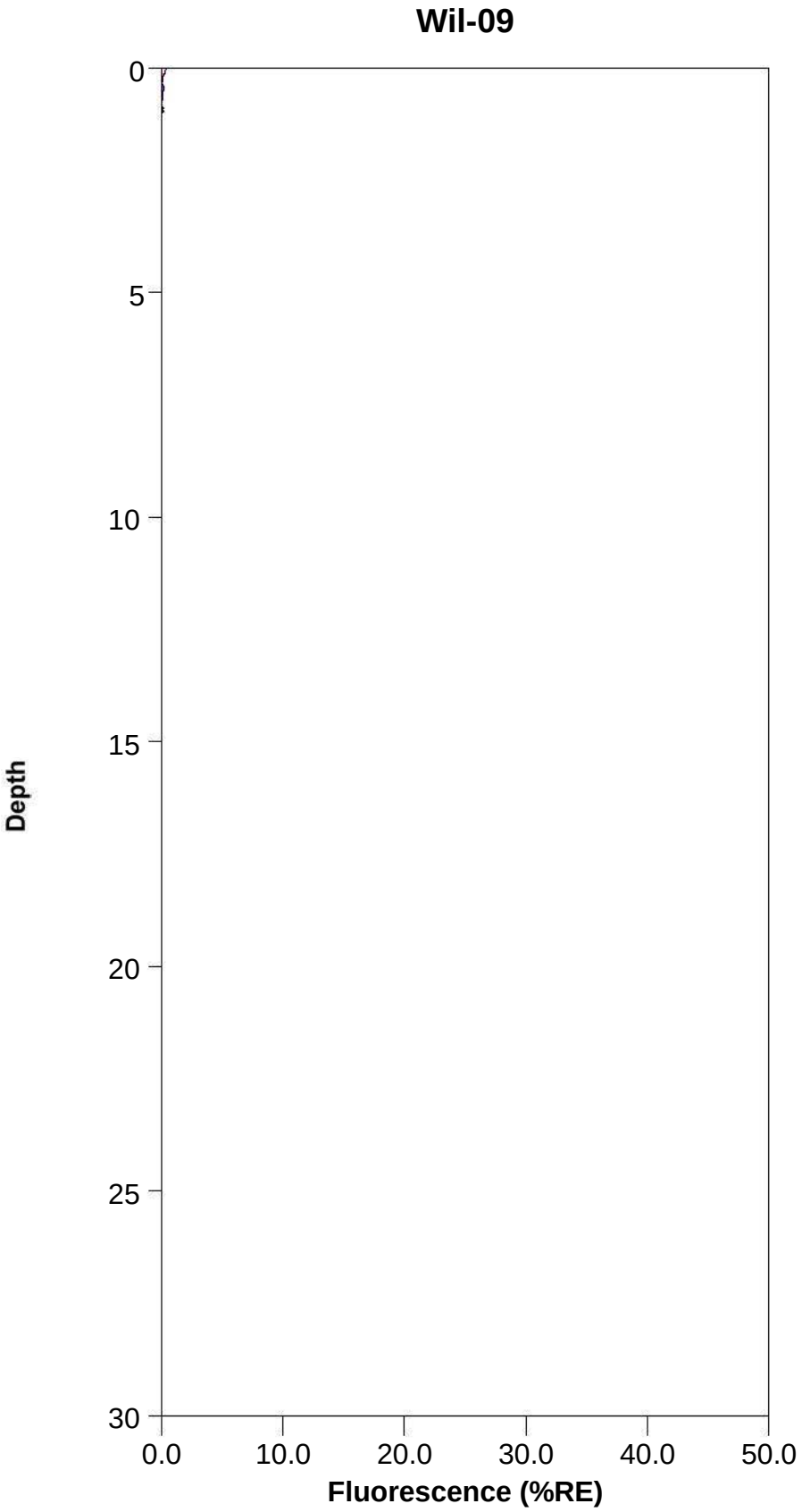
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 2:35:44 PM	Max fluorescence: 3.94% @ 0.02 ft
ROST Unit: ?	Final depth BGS: 11.08 ft



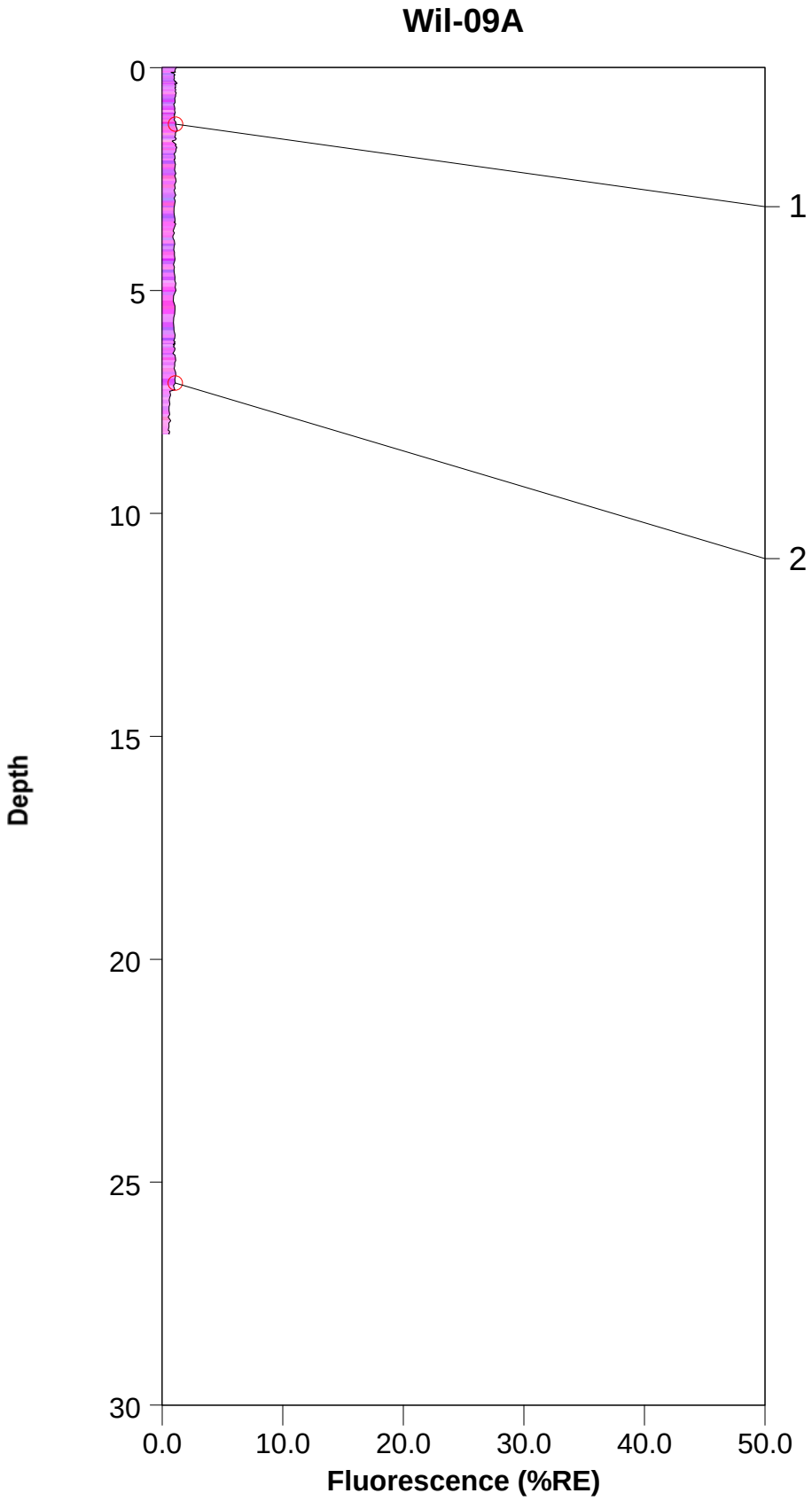
ROST Fluorescence Response Data

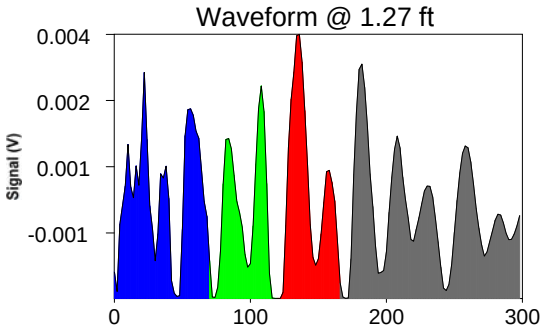
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 3:12:20 PM	Max fluorescence: 93.46% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 0.99 ft

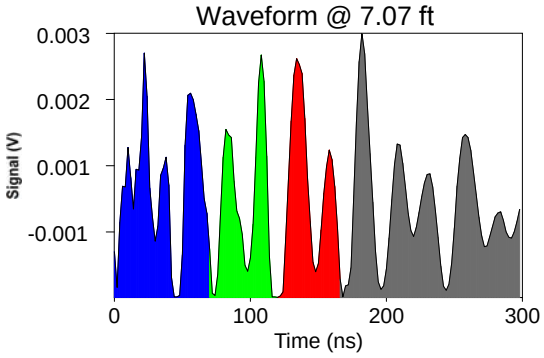


ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 3:20:17 PM	Max fluorescence: 1.25% @ 1.41 ft
ROST Unit: ?	Final depth BGS: 8.22 ft

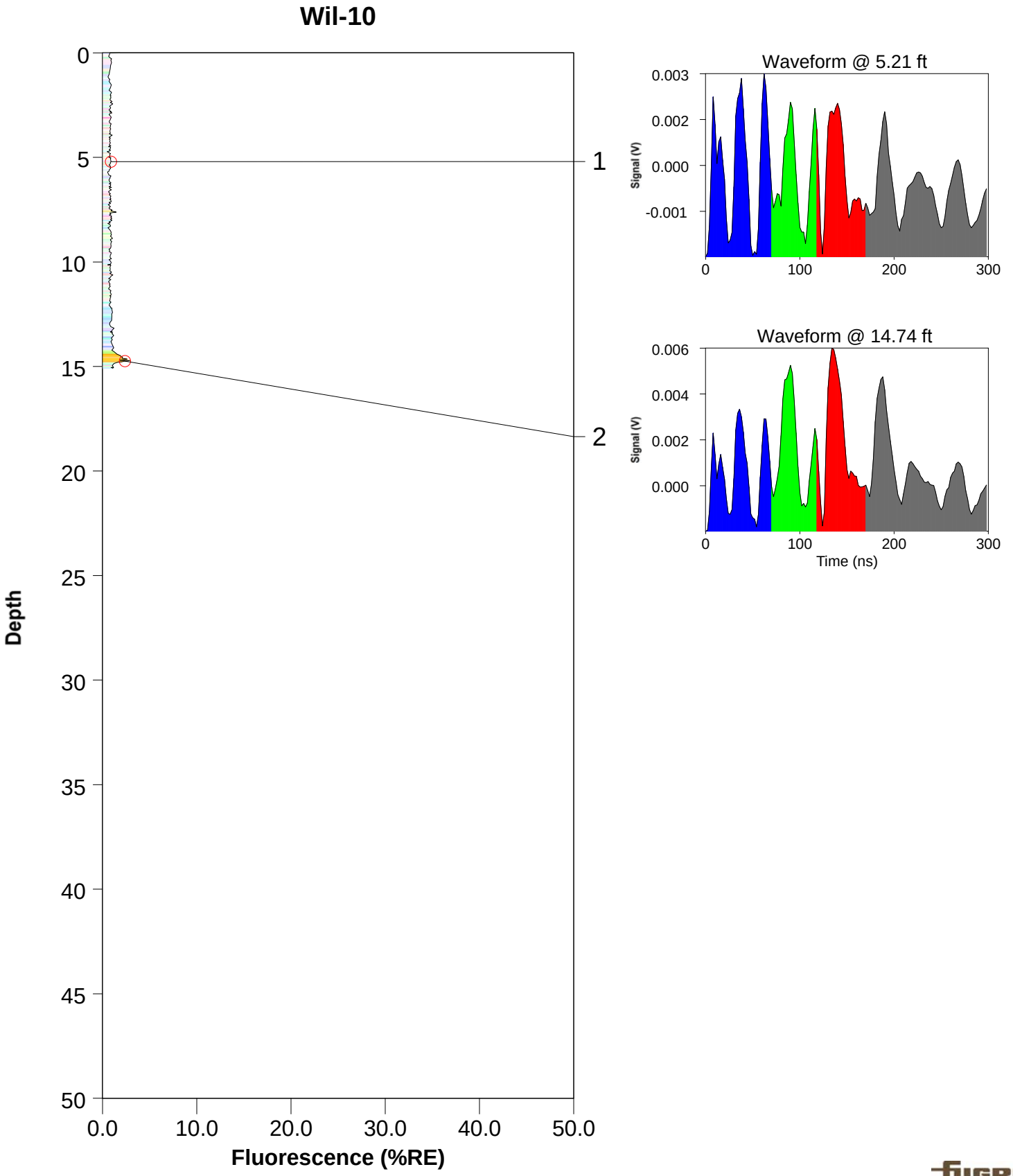






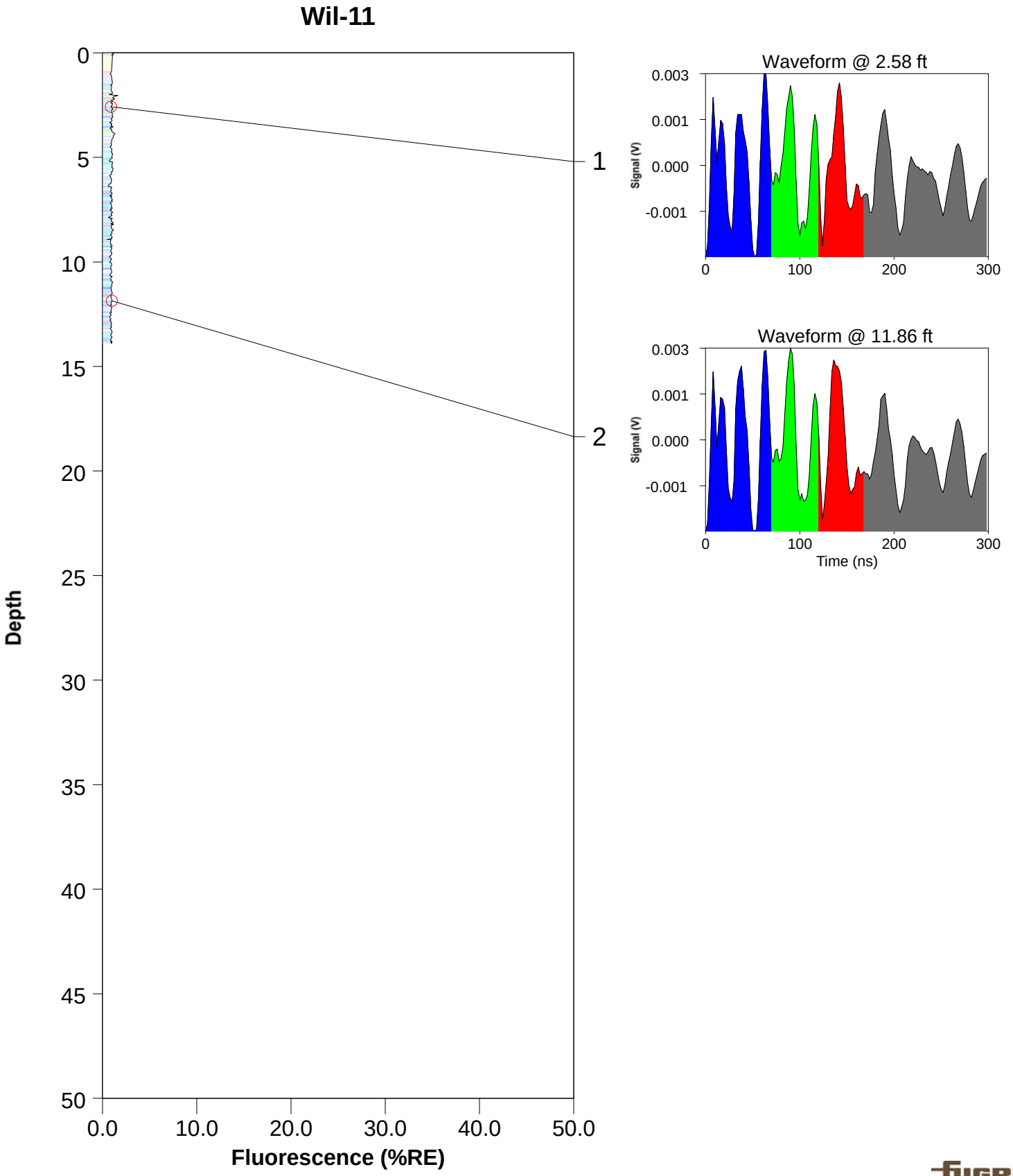
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 1:54:50 PM	Max fluorescence: 2.88% @ 14.72 ft
ROST Unit: ?	Final depth BGS: 15.08 ft



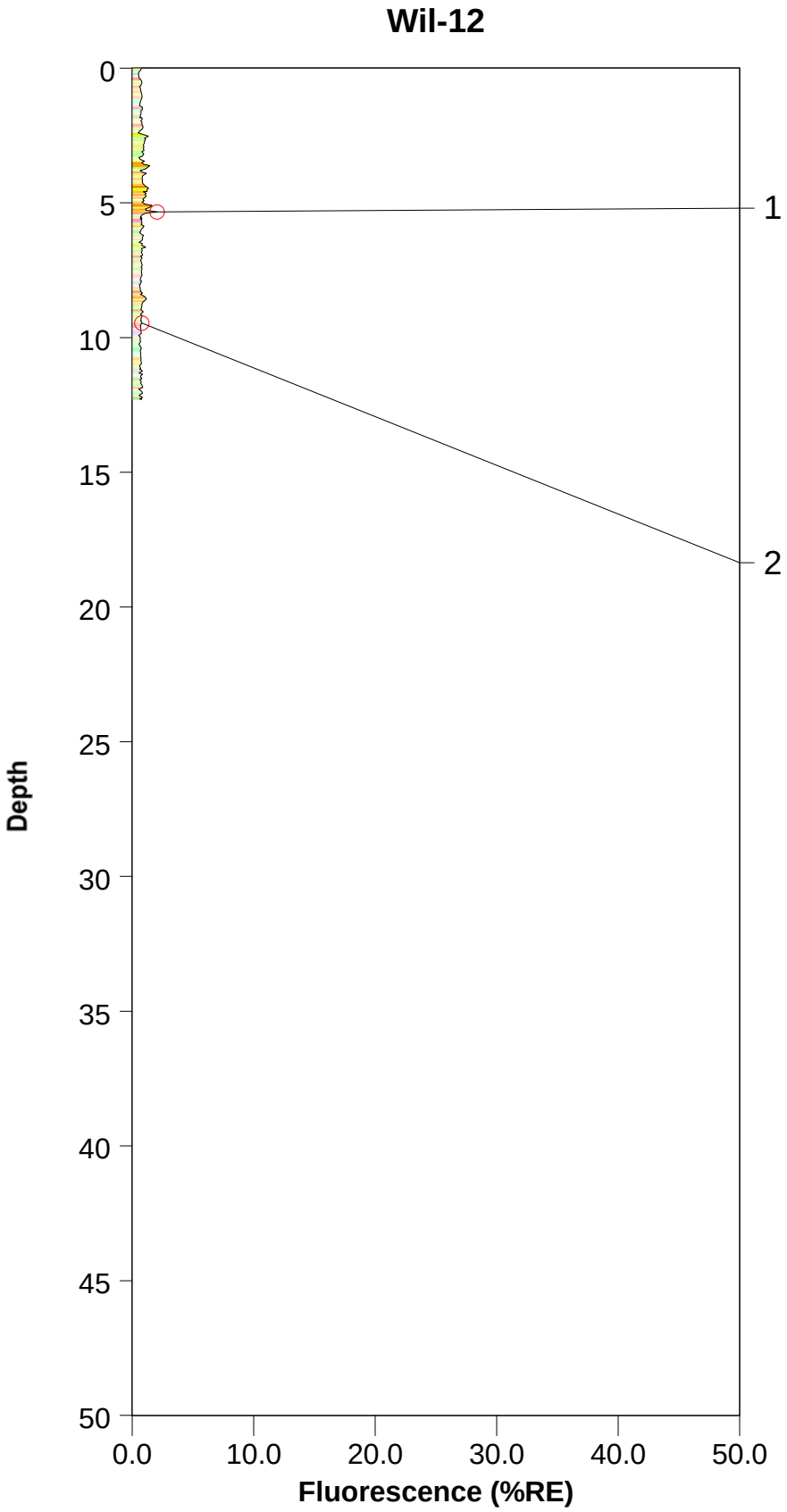
ROST Fluorescence Response Data

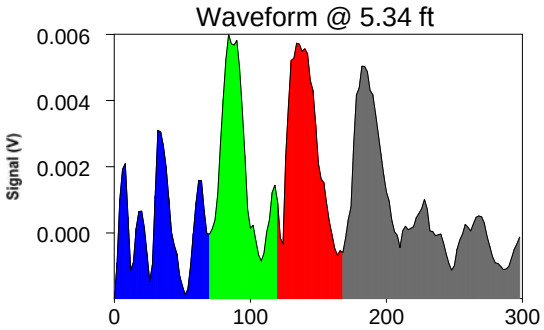
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 2:17:27 PM	Max fluorescence: 1.61% @ 2.04 ft
ROST Unit: ?	Final depth BGS: 13.89 ft

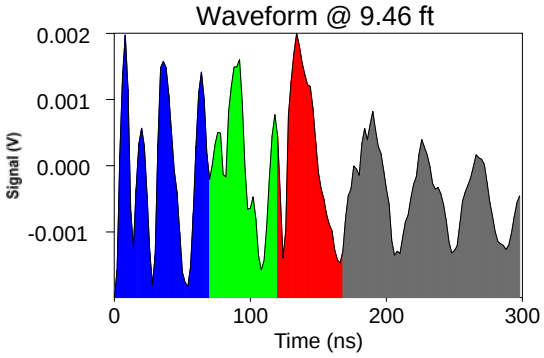


ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 2:44:33 PM	Max fluorescence: 2.05% @ 5.34 ft
ROST Unit: ?	Final depth BGS: 12.29 ft

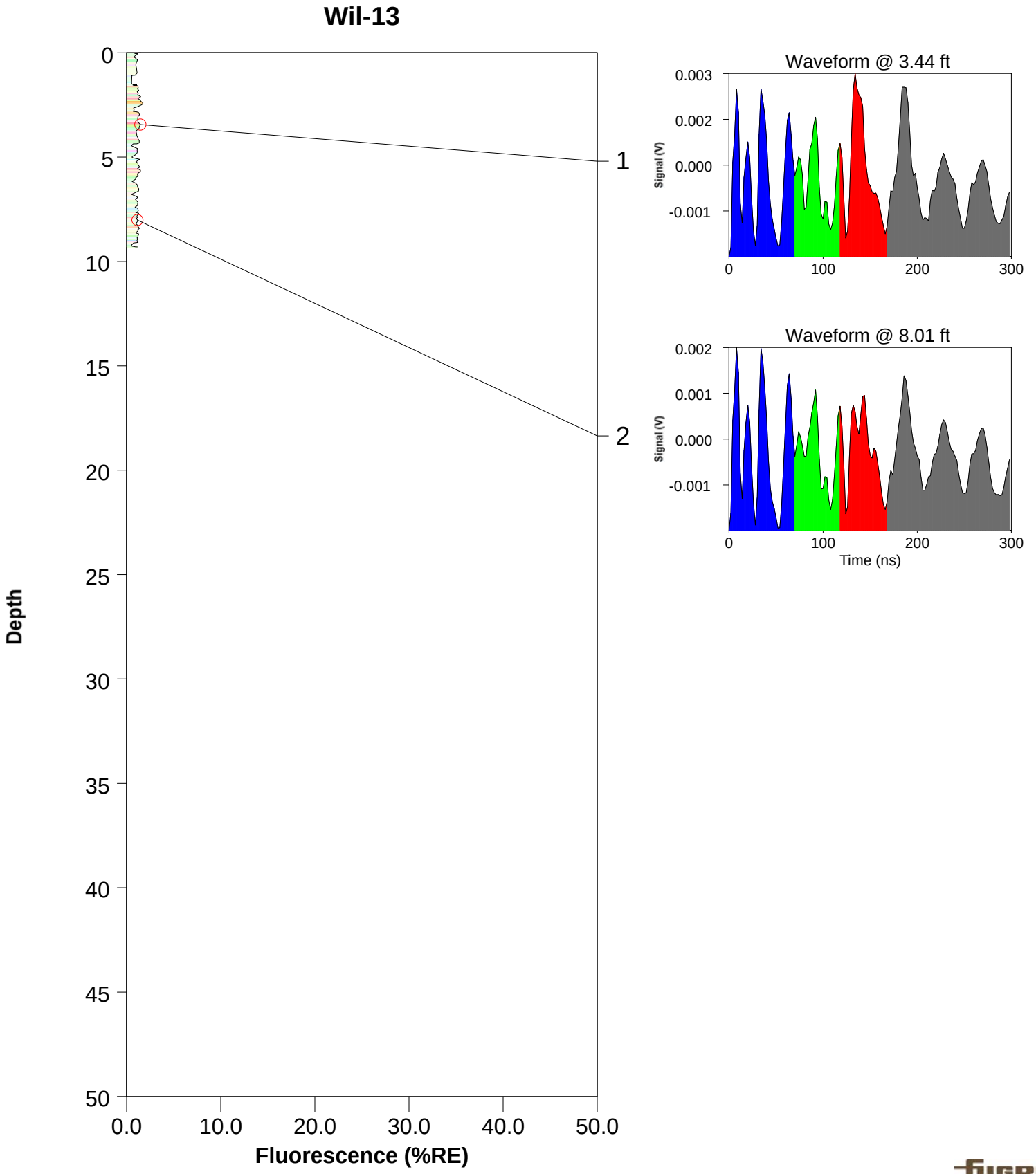






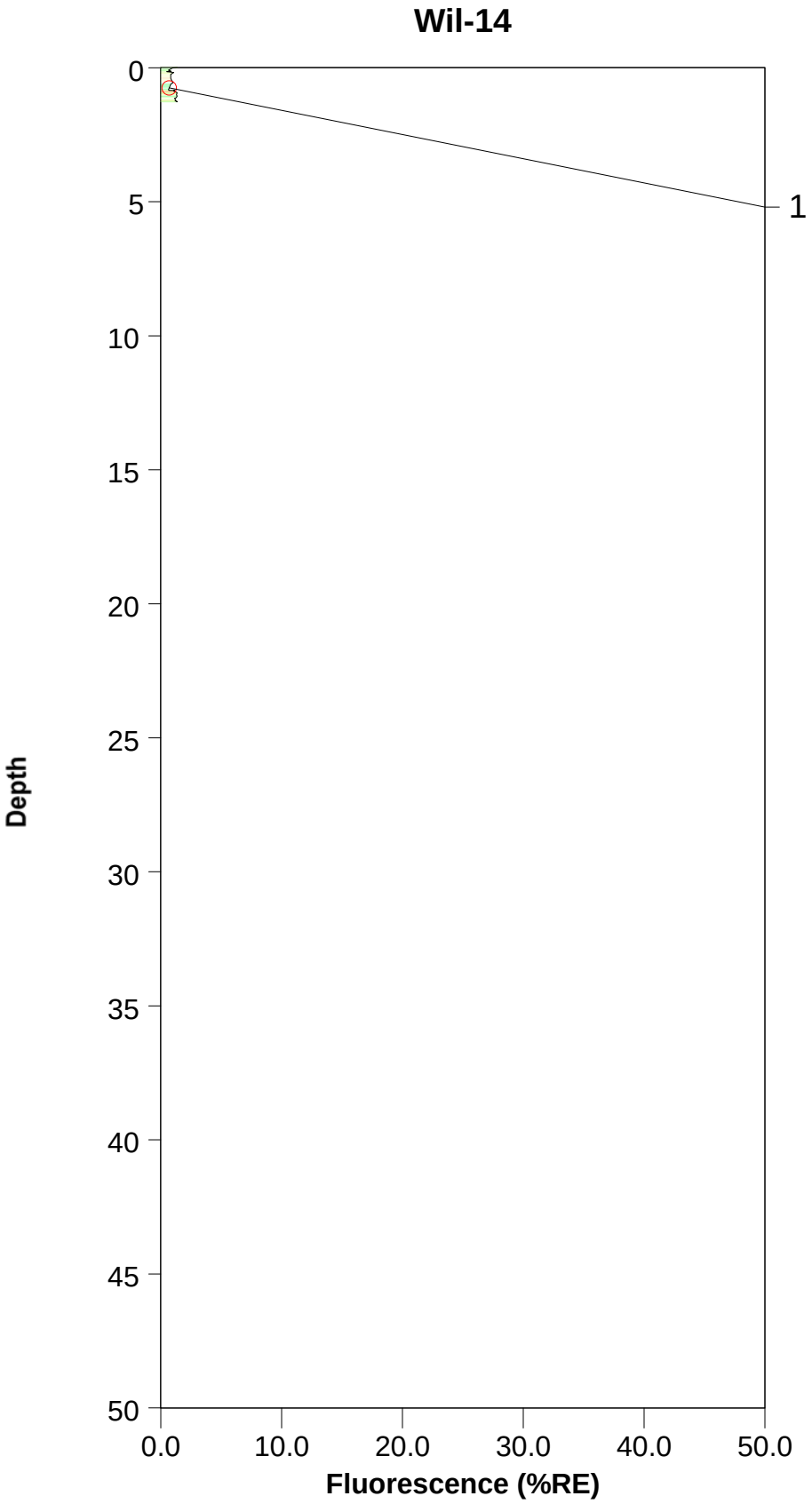
ROST Fluorescence Response Data

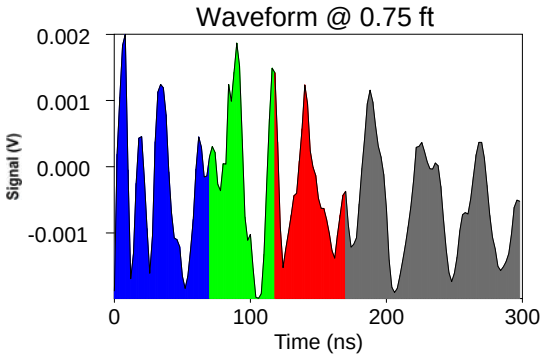
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 3:02:30 PM	Max fluorescence: 1.74% @ 2.40 ft
ROST Unit: ?	Final depth BGS: 9.30 ft



ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 3:18:16 PM	Max fluorescence: 1.36% @ 1.27 ft
ROST Unit: ?	Final depth BGS: 1.27 ft

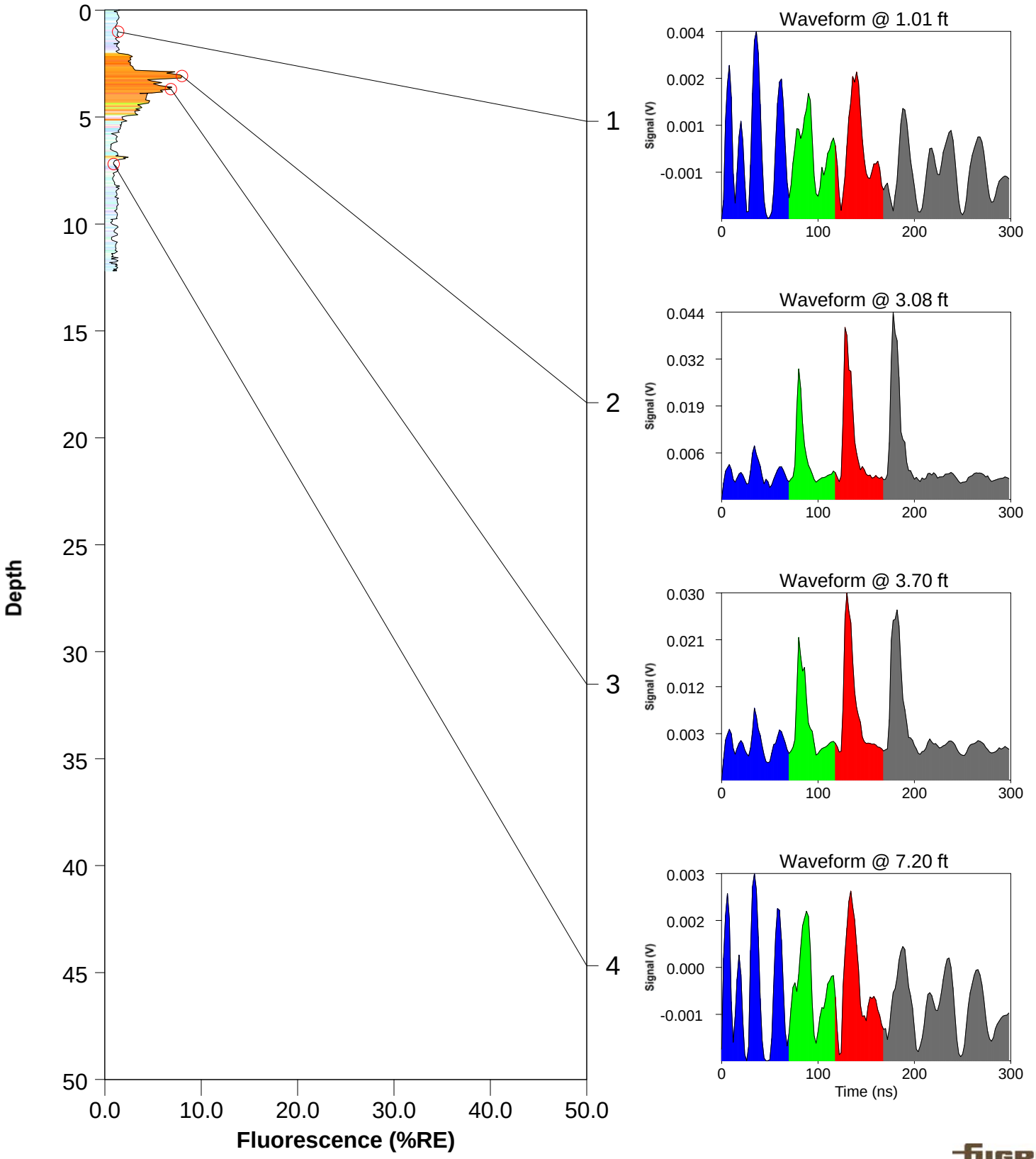




ROST Fluorescence Response Data

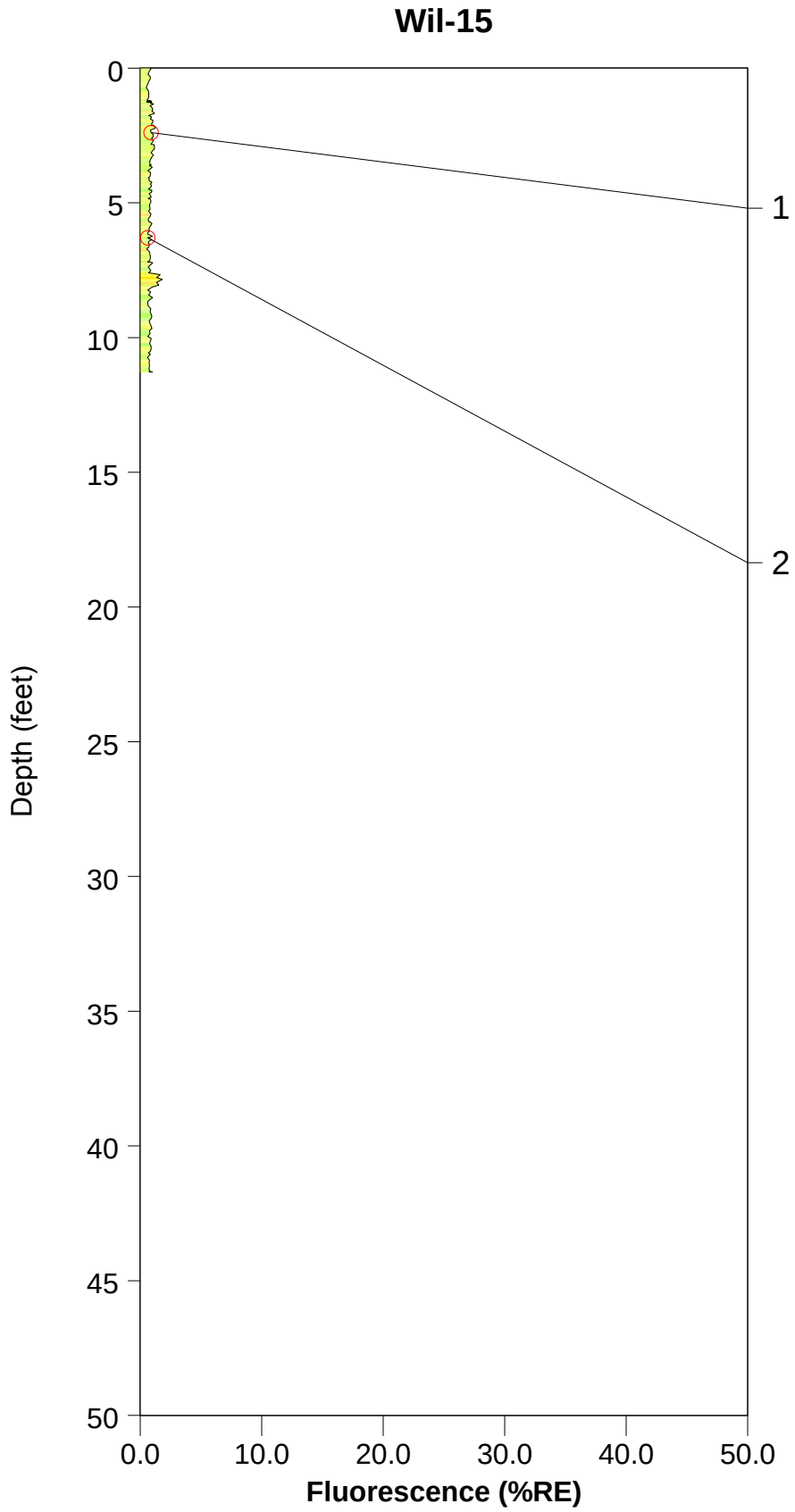
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 3:28:08 PM	Max fluorescence: 8.00% @ 3.08 ft
ROST Unit: ?	Final depth BGS: 12.19 ft

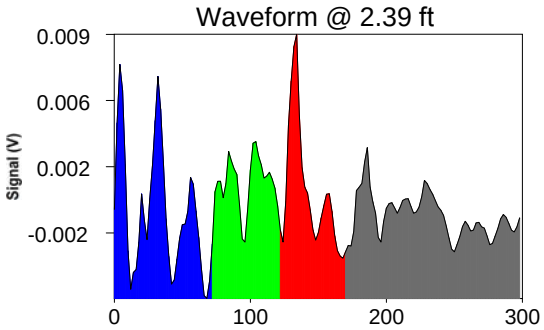
Wil-14A

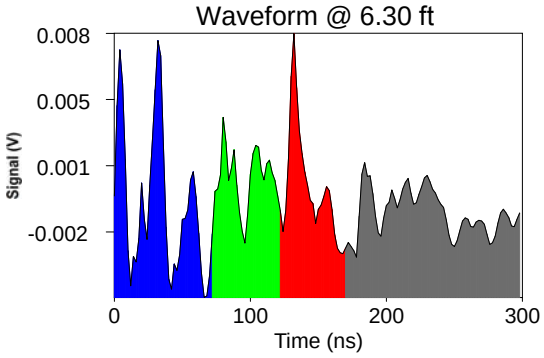


ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 10:44:23 AM	Max fluorescence: 1.81% @ 7.85 ft
ROST Unit: ?	Final depth BGS: 11.28 m

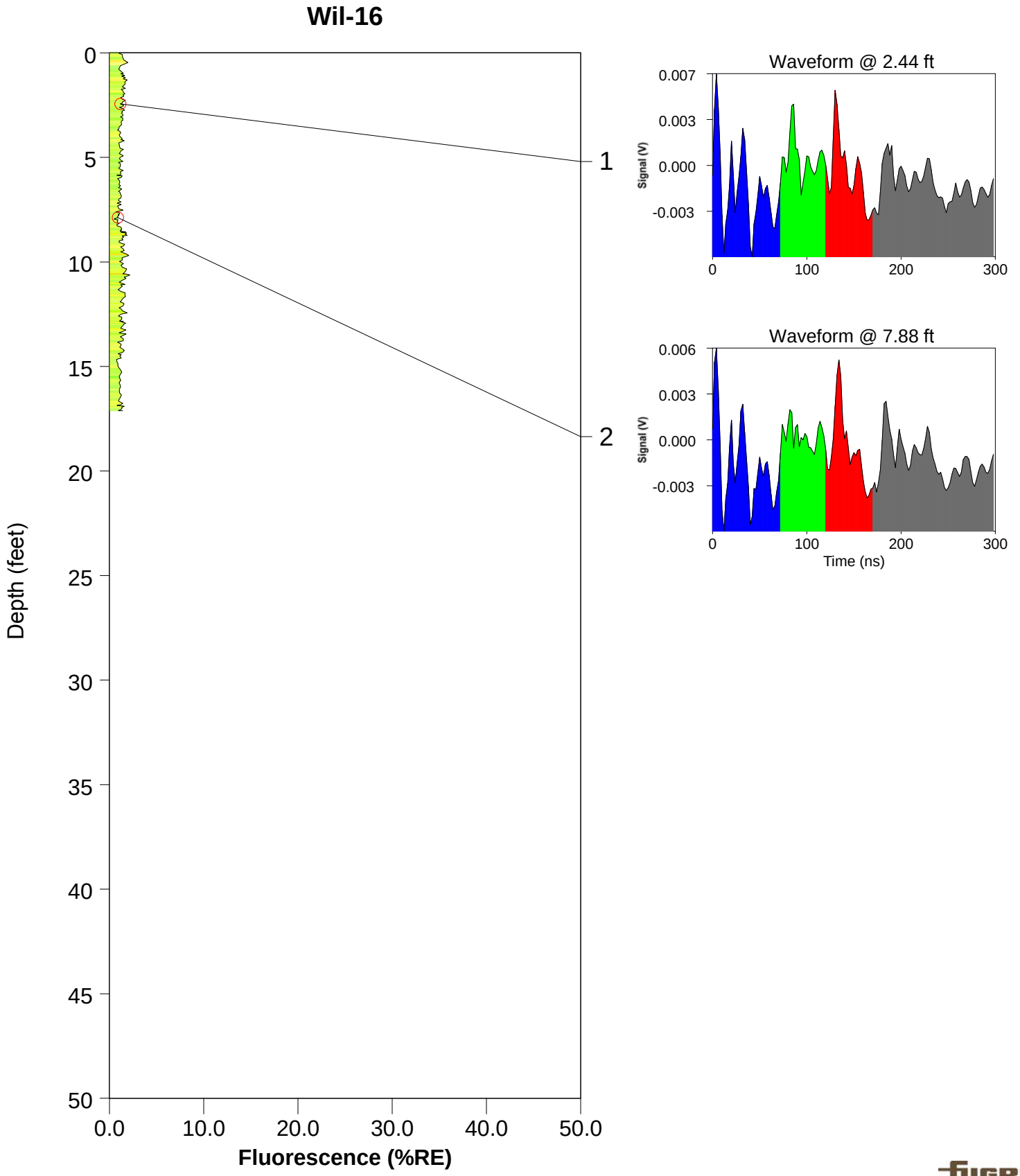






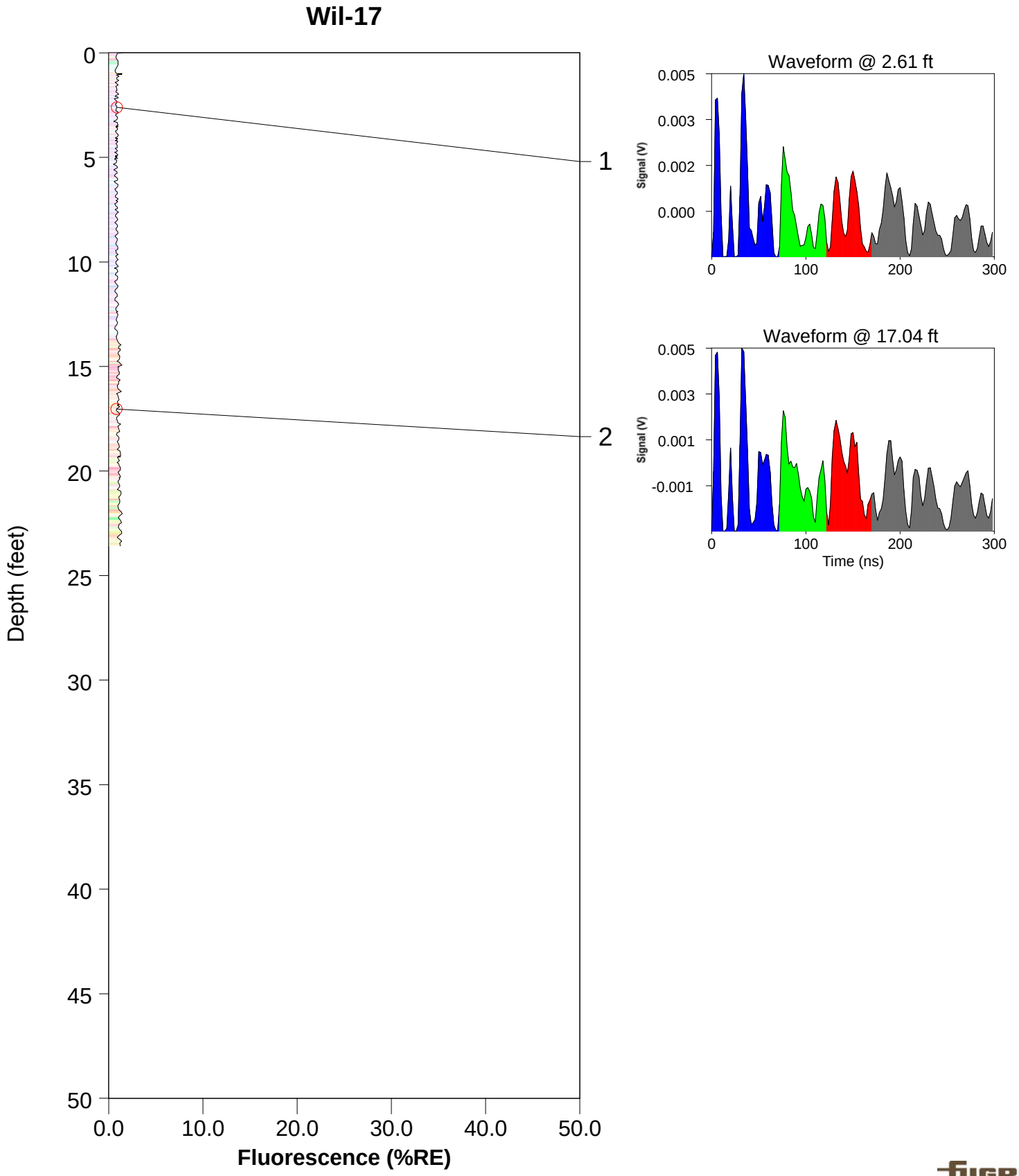
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 10:19:20 AM	Max fluorescence: 2.15% @ 10.63 ft
ROST Unit: ?	Final depth BGS: 17.12 ft



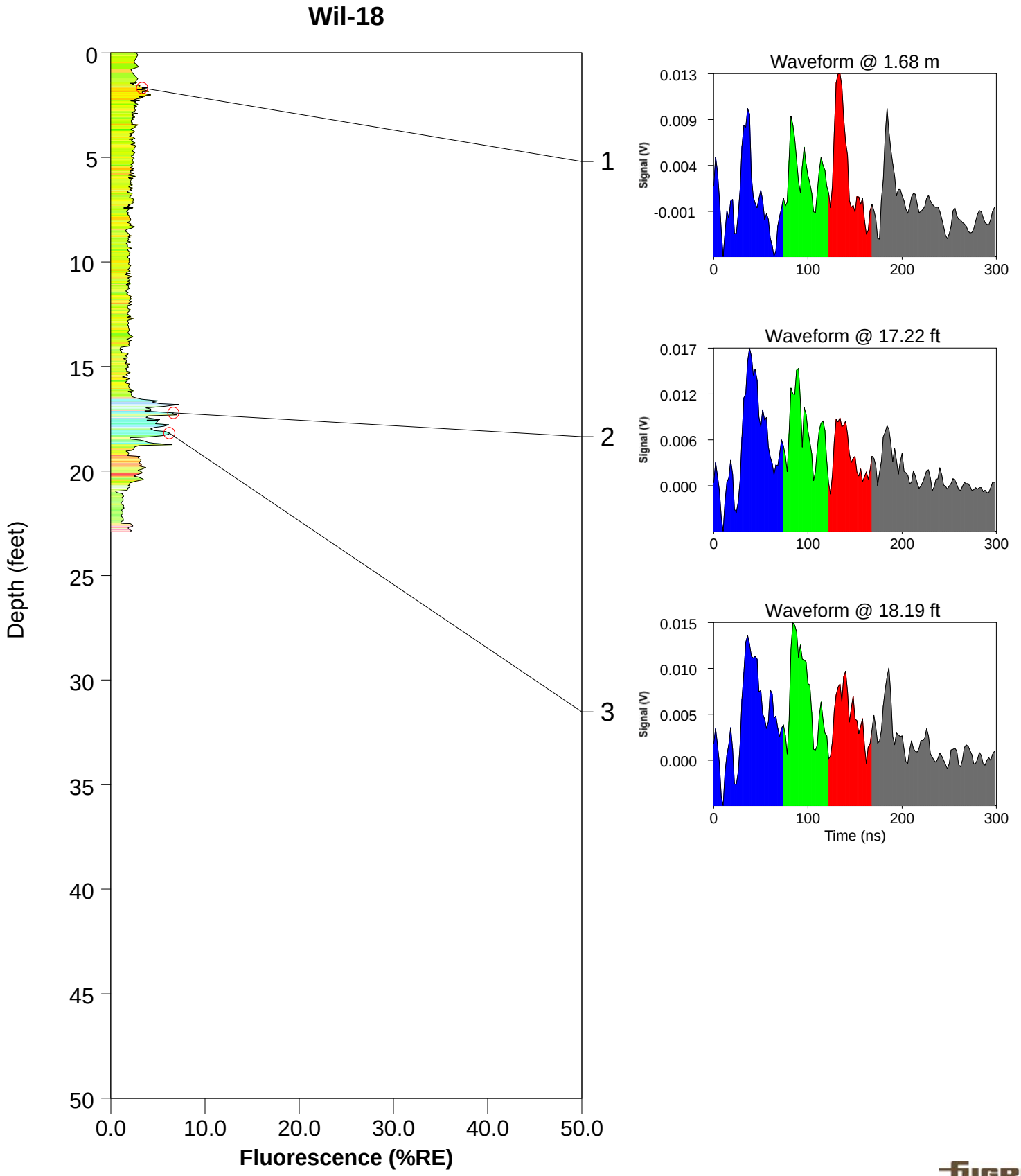
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 9:38:31 AM	Max fluorescence: 1.80% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 23.59 ft



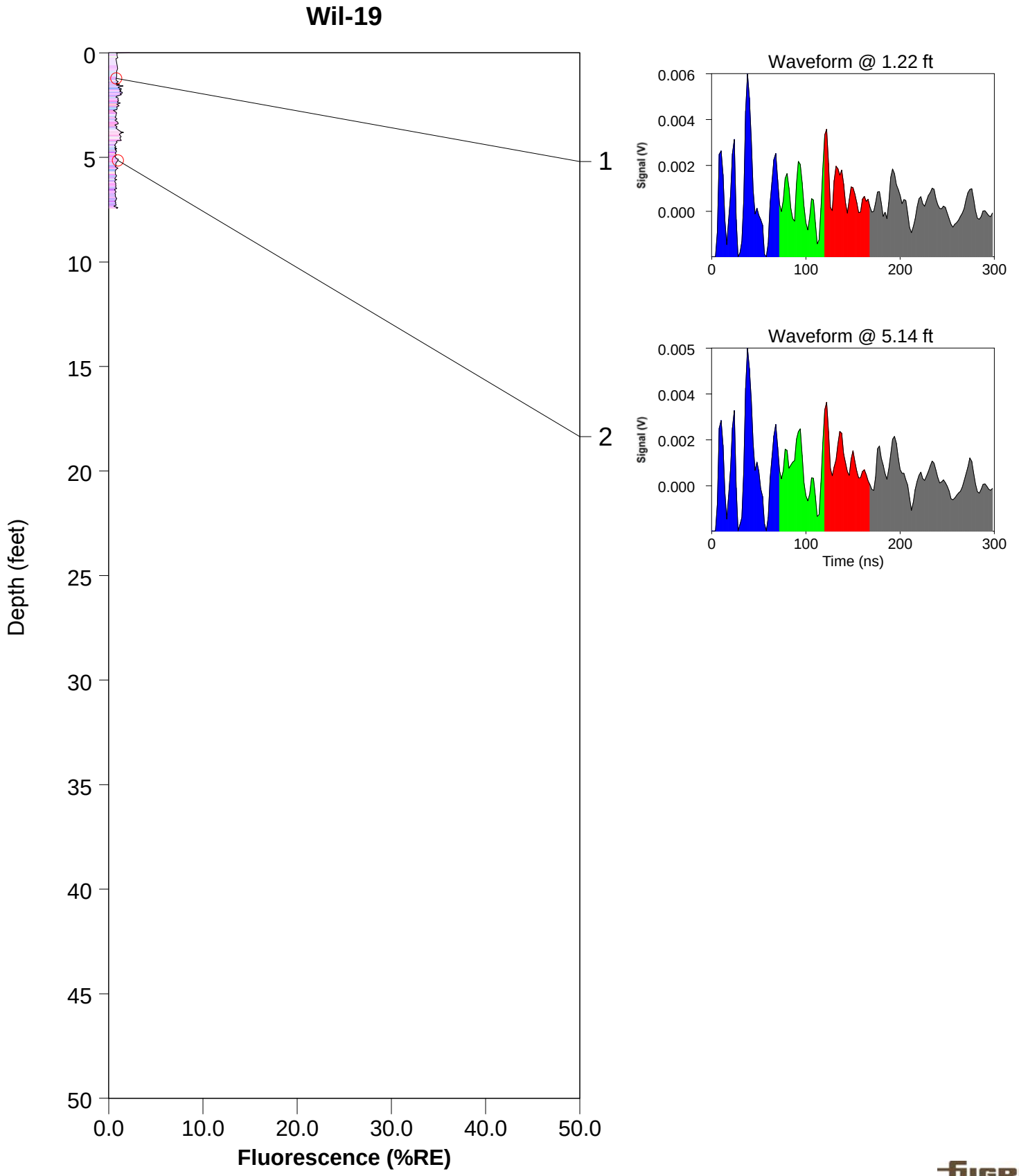
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 8:53:03 AM	Max fluorescence: 7.18% @ 16.83 ft
ROST Unit: ?	Final depth BGS: 22.90 ft



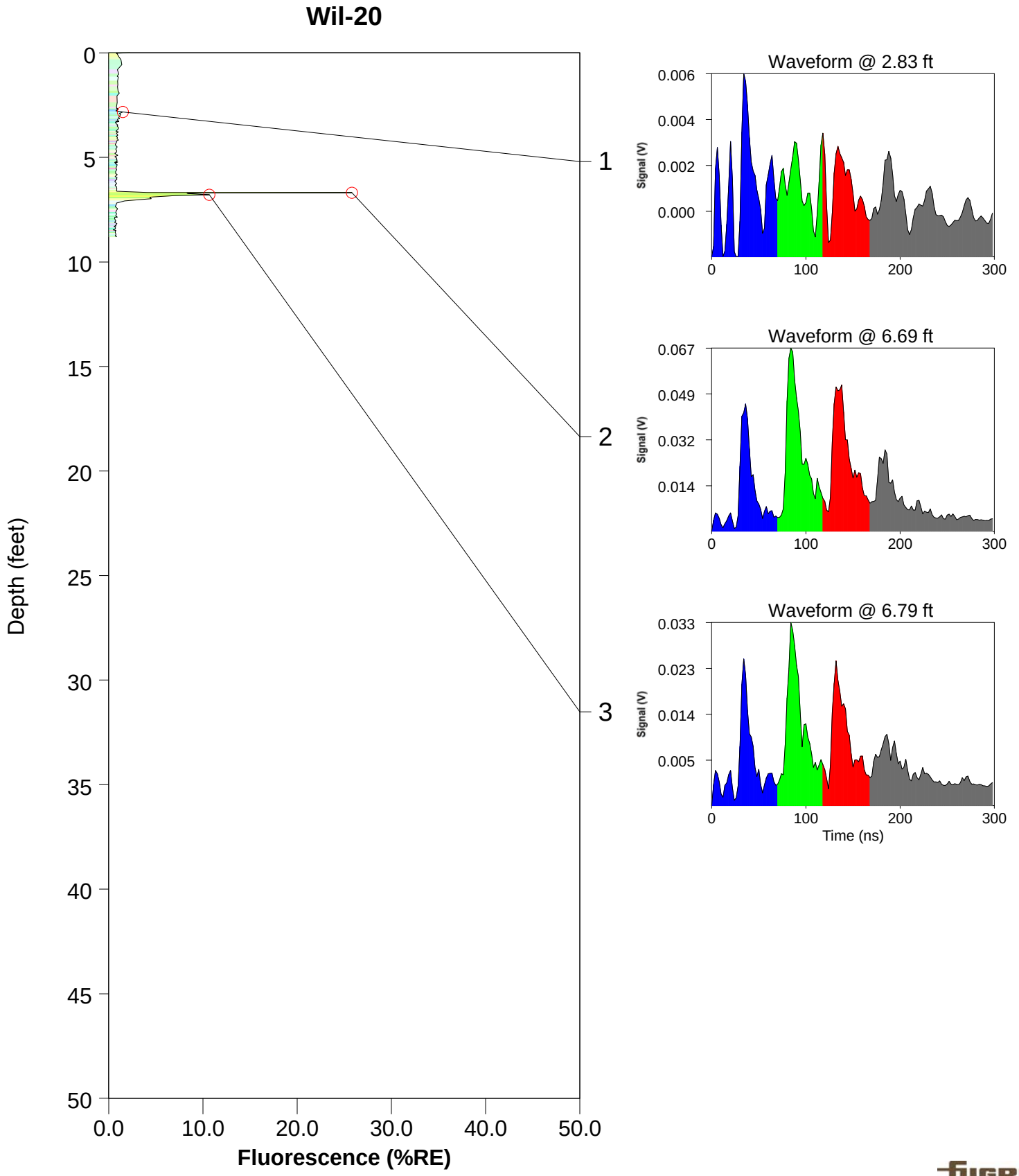
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 2:46:56 PM	Max fluorescence: 2.21% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 7.44 ft



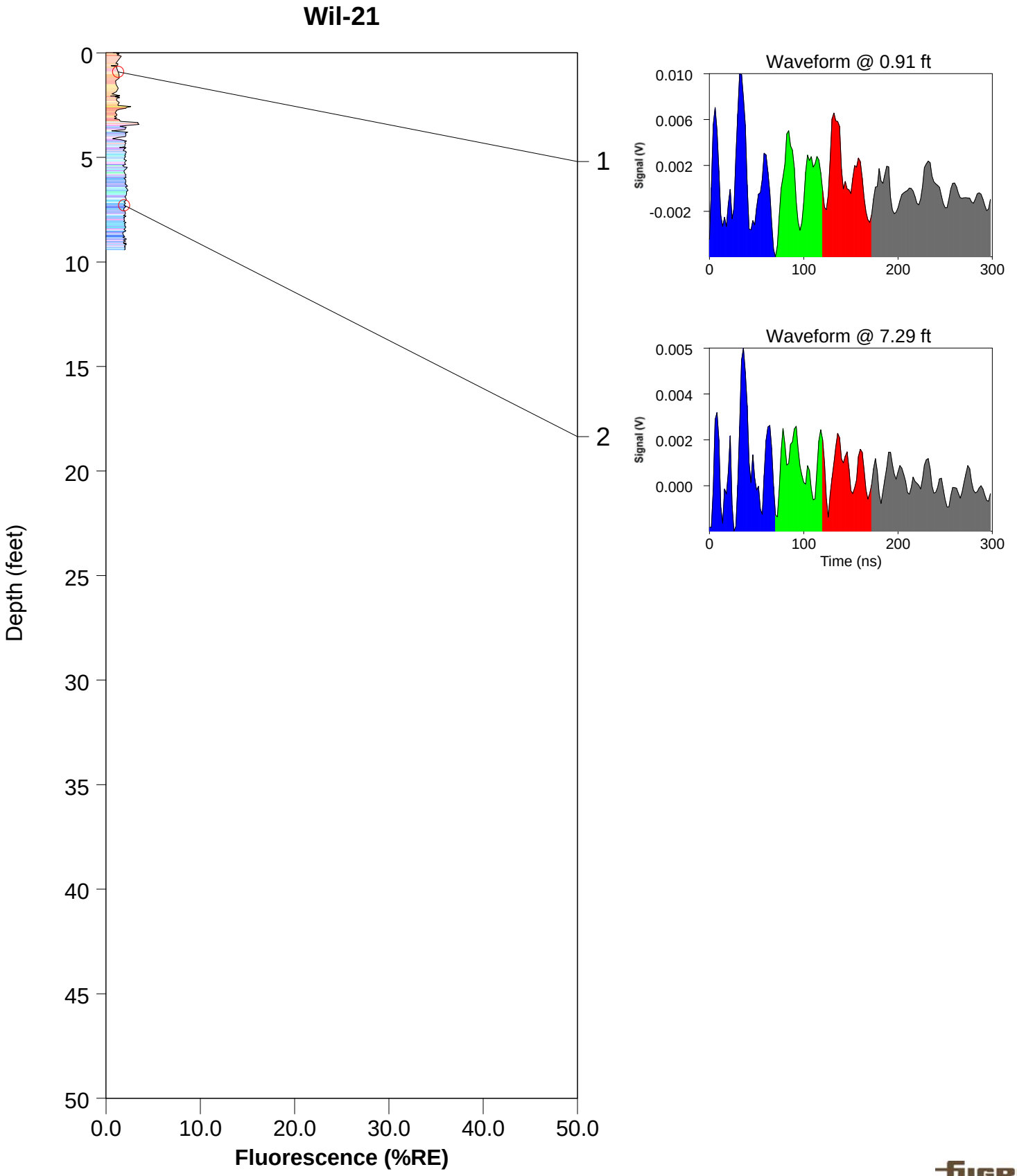
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 2:15:01 PM	Max fluorescence: 25.81% @ 6.69 ft
ROST Unit: ?	Final depth BGS: 8.79 ft



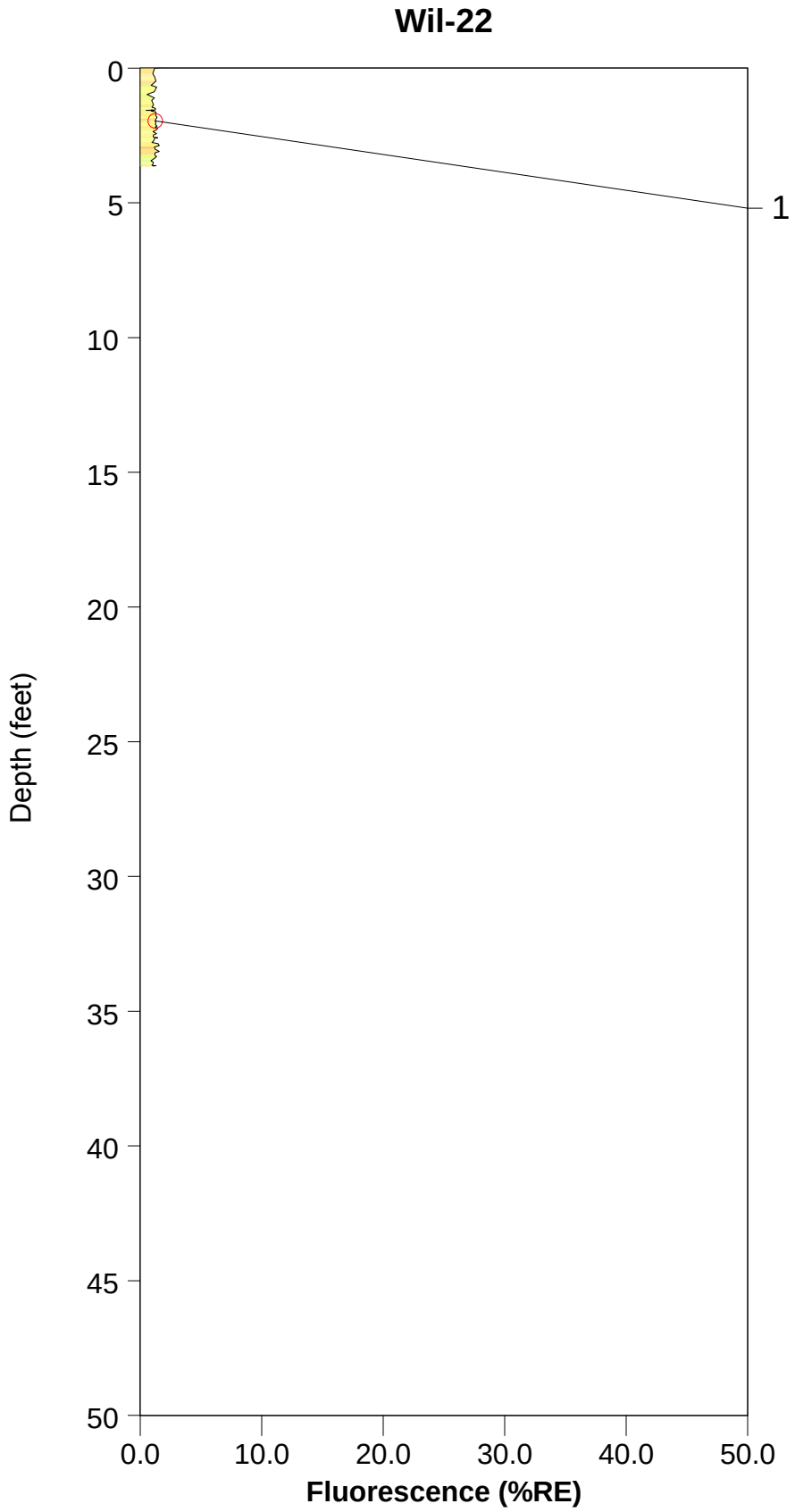
ROST Fluorescence Response Data

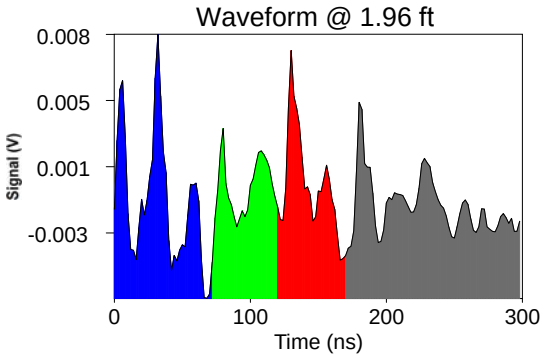
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 12:33:21 PM	Max fluorescence: 3.51% @ 3.42 ft
ROST Unit: ?	Final depth BGS: 9.42 ft



ROST Fluorescence Response Data

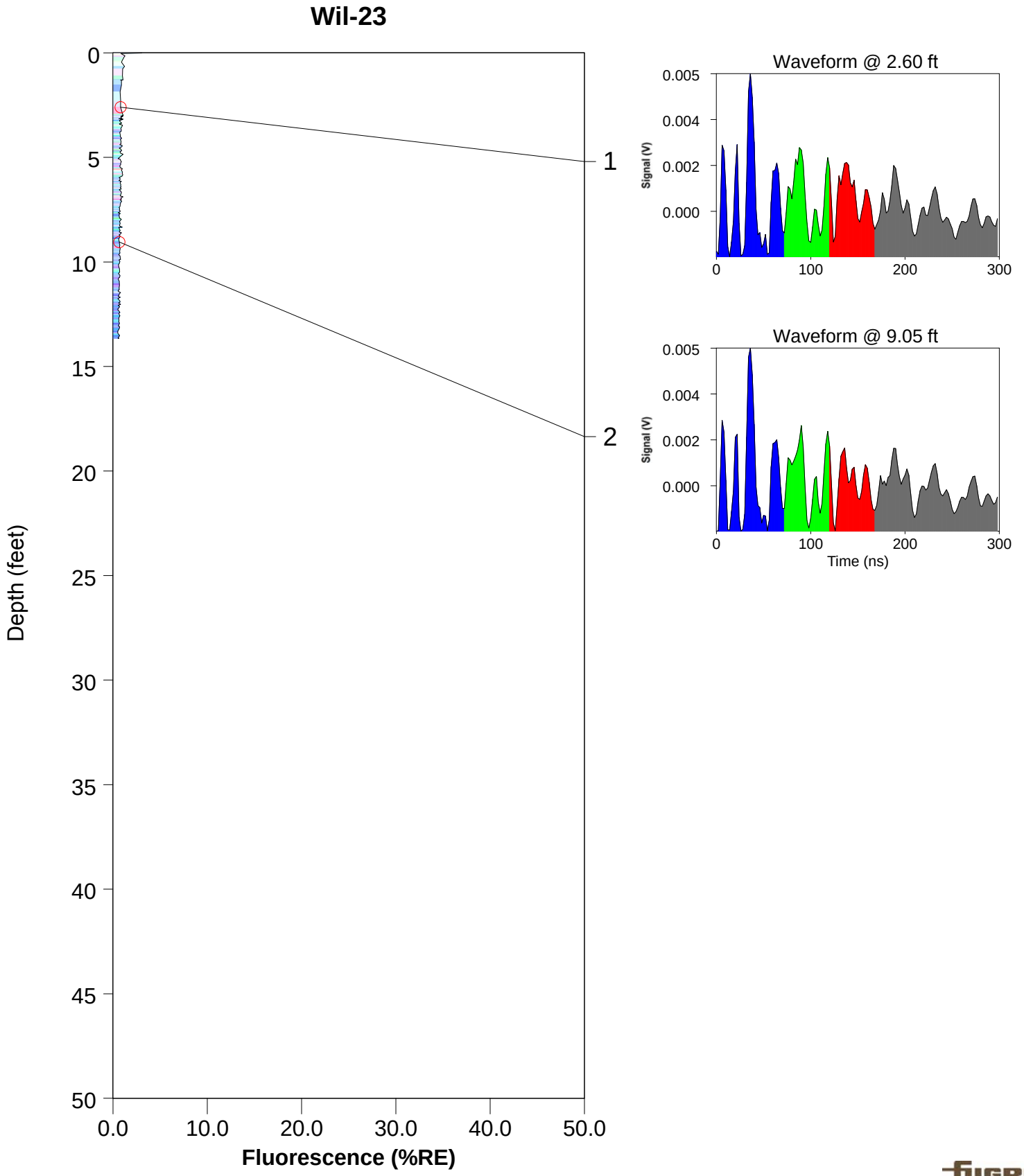
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 11:49:37 AM	Max fluorescence: 1.71% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 3.63 ft





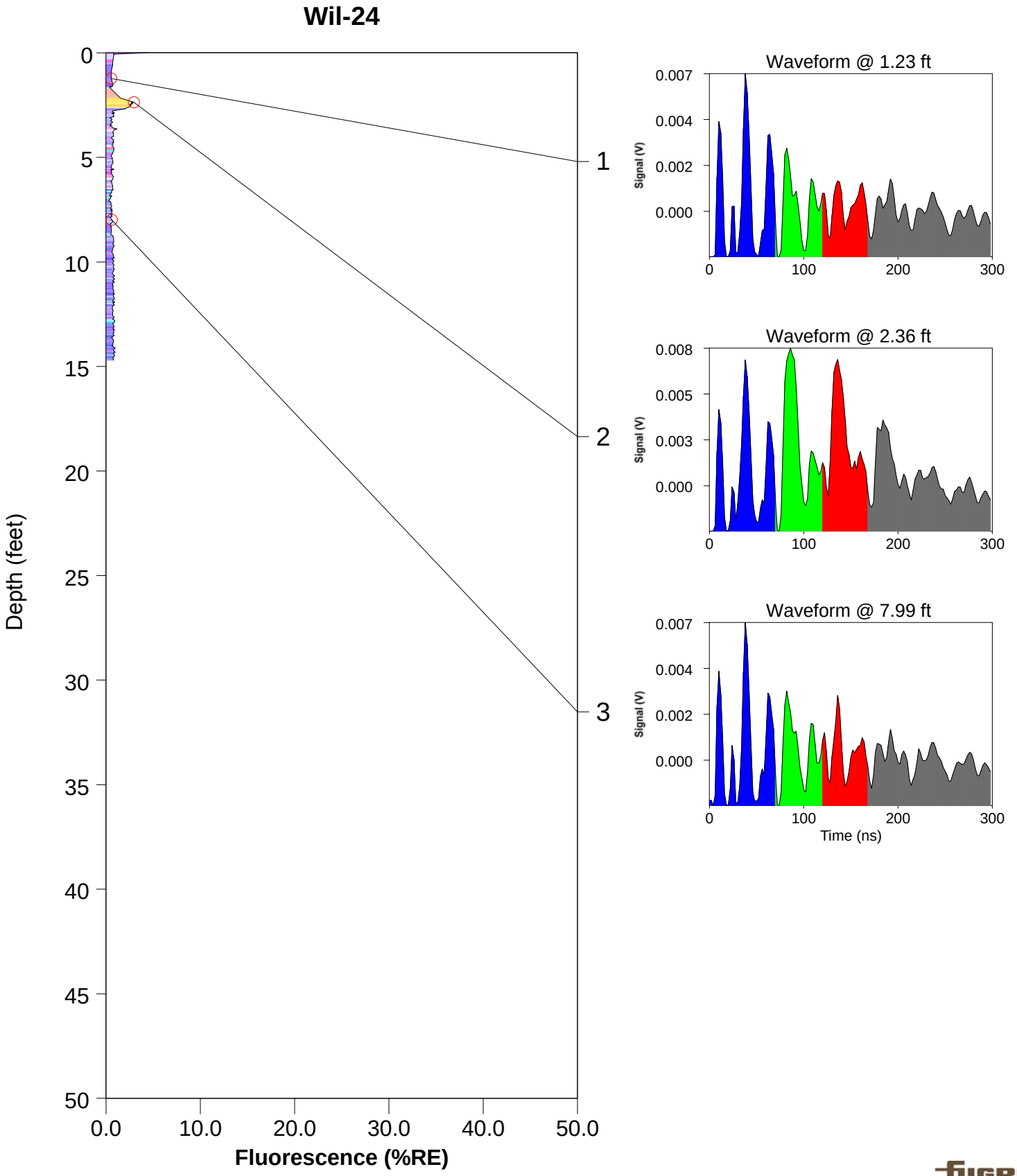
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 1:16:37 PM	Max fluorescence: 3.11% @ 0.01 ft
ROST Unit: ?	Final depth BGS: 13.66 ft



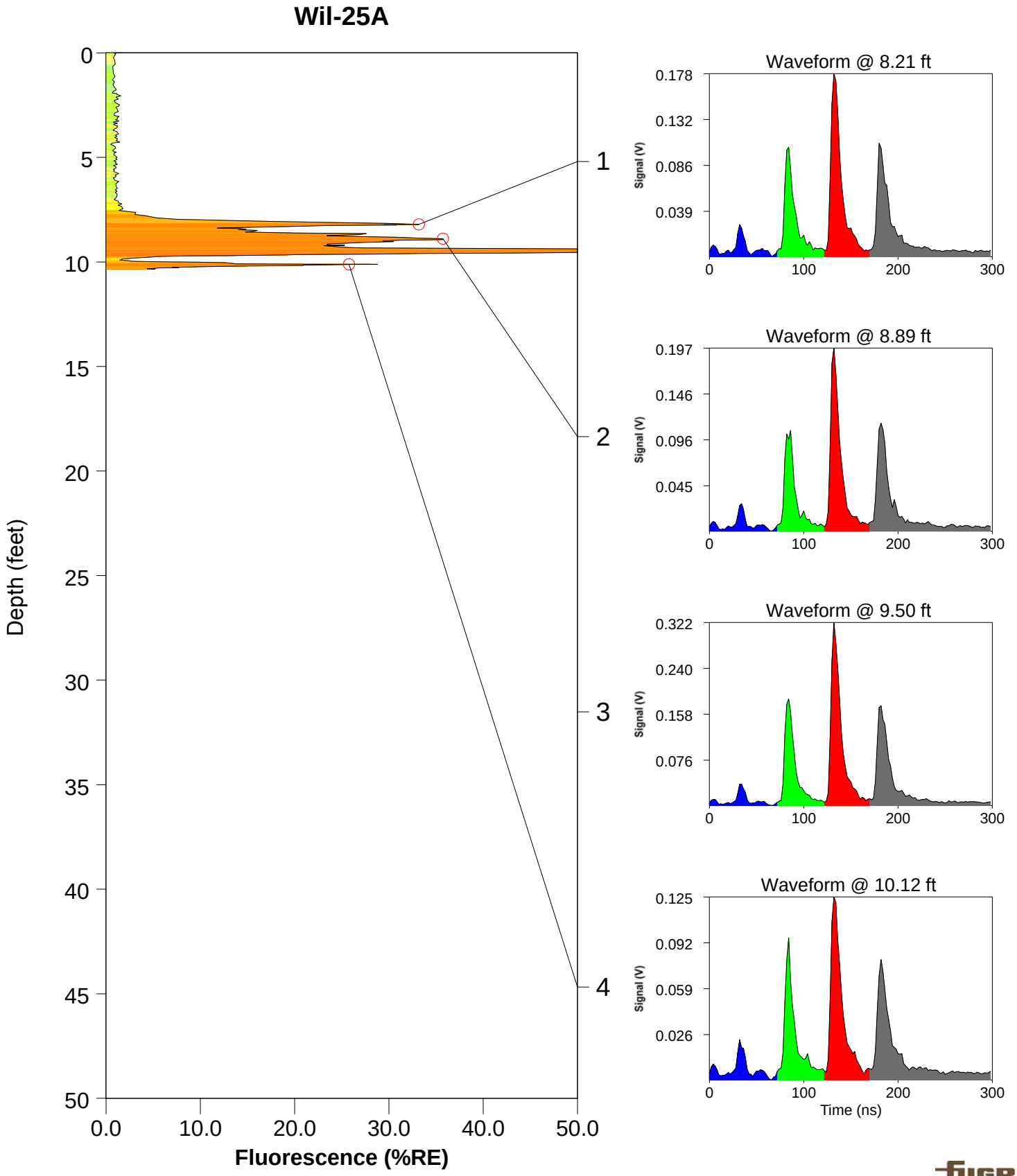
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 3:38:48 PM	Max fluorescence: 4.50% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 14.70 ft



ROST Fluorescence Response Data

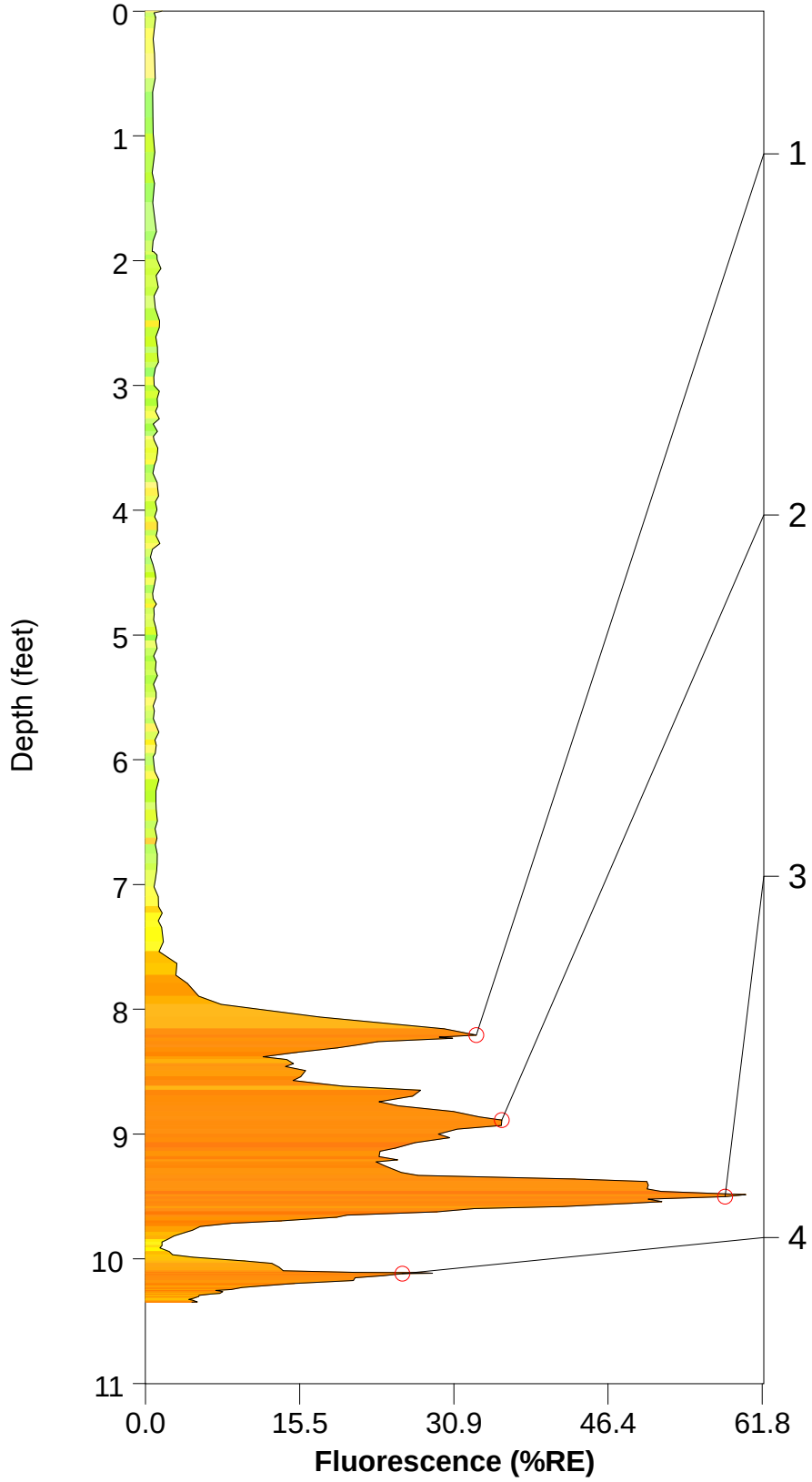
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 11:11:19 AM	Max fluorescence: 60.19% @ 9.49 ft
ROST Unit: ?	Final depth BGS: 10.35 ft

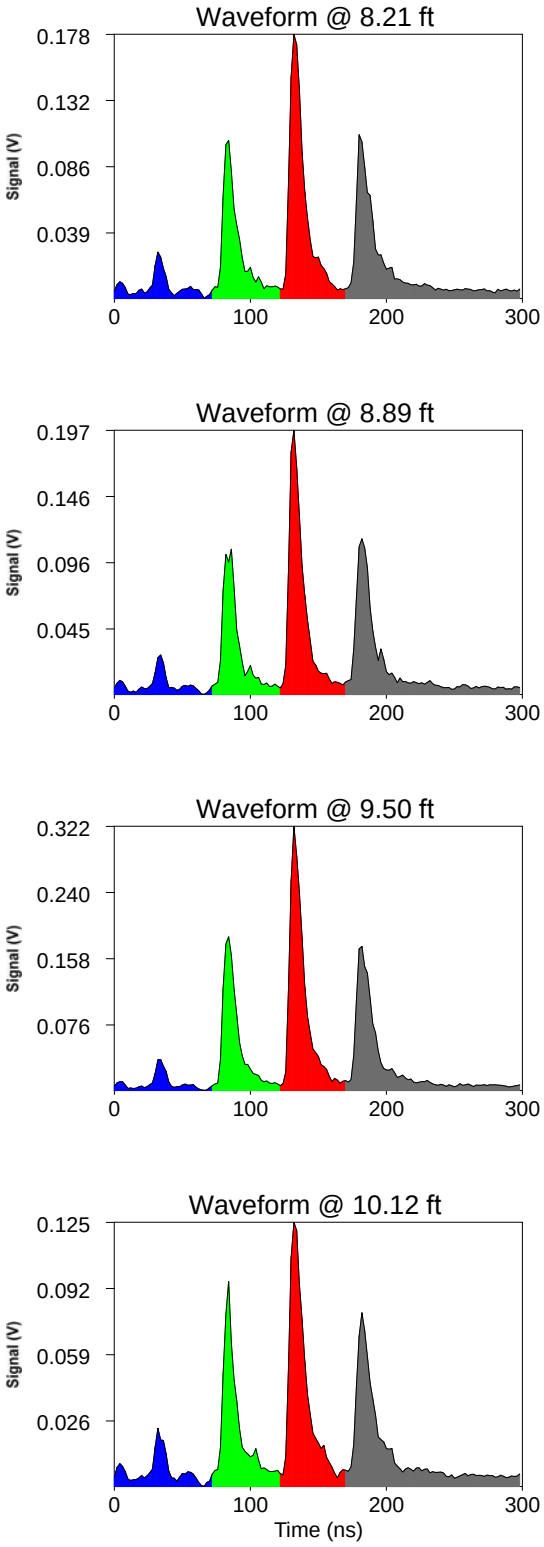


ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/6/2015 @ 11:11:19 AM	Max fluorescence: 60.19% @ 9.49 ft
ROST Unit: ?	Final depth BGS: 10.35 ft

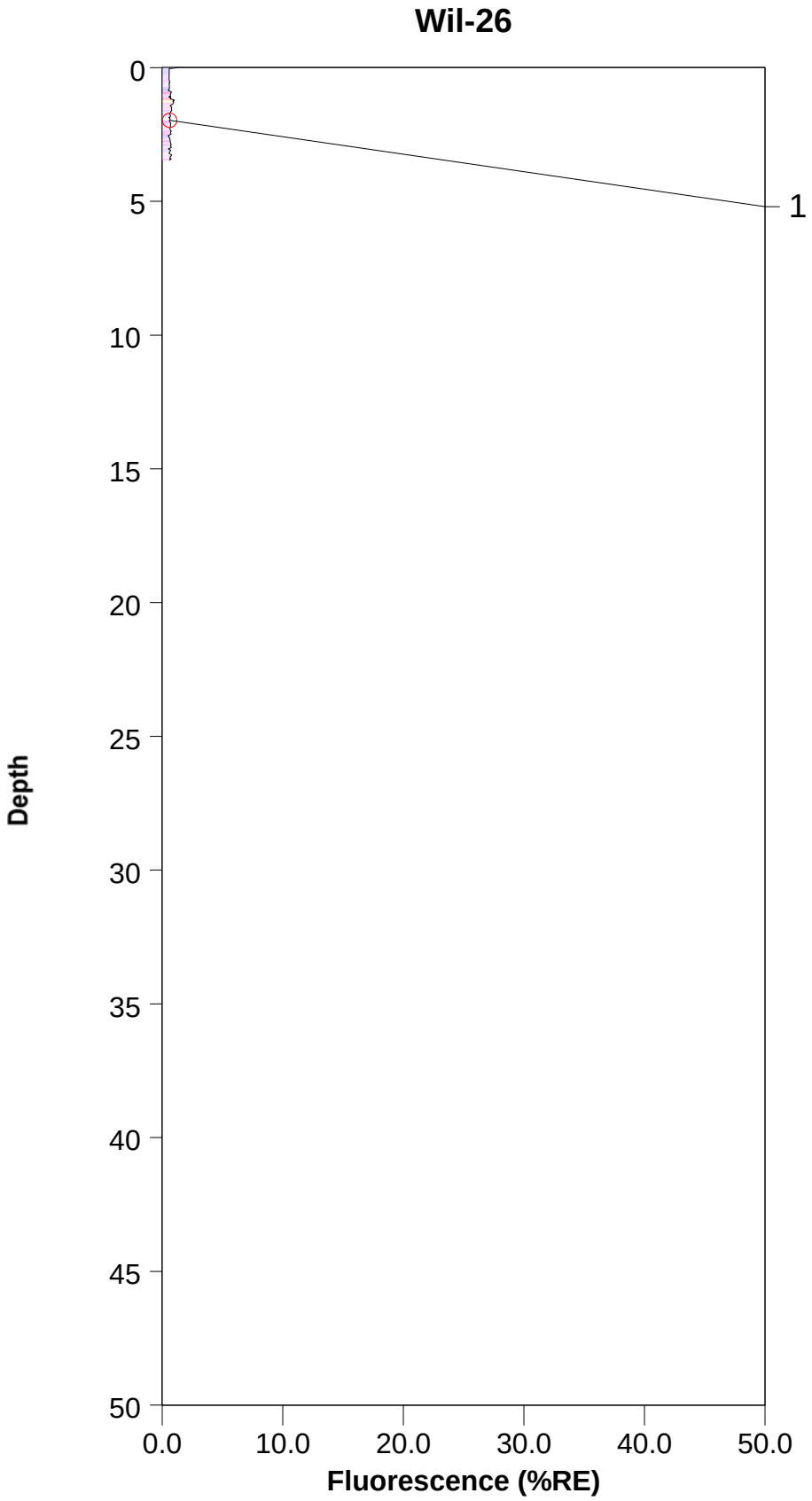
Wil-25A

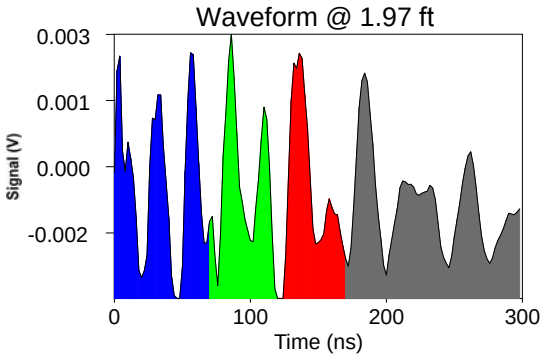




ROST Fluorescence Response Data

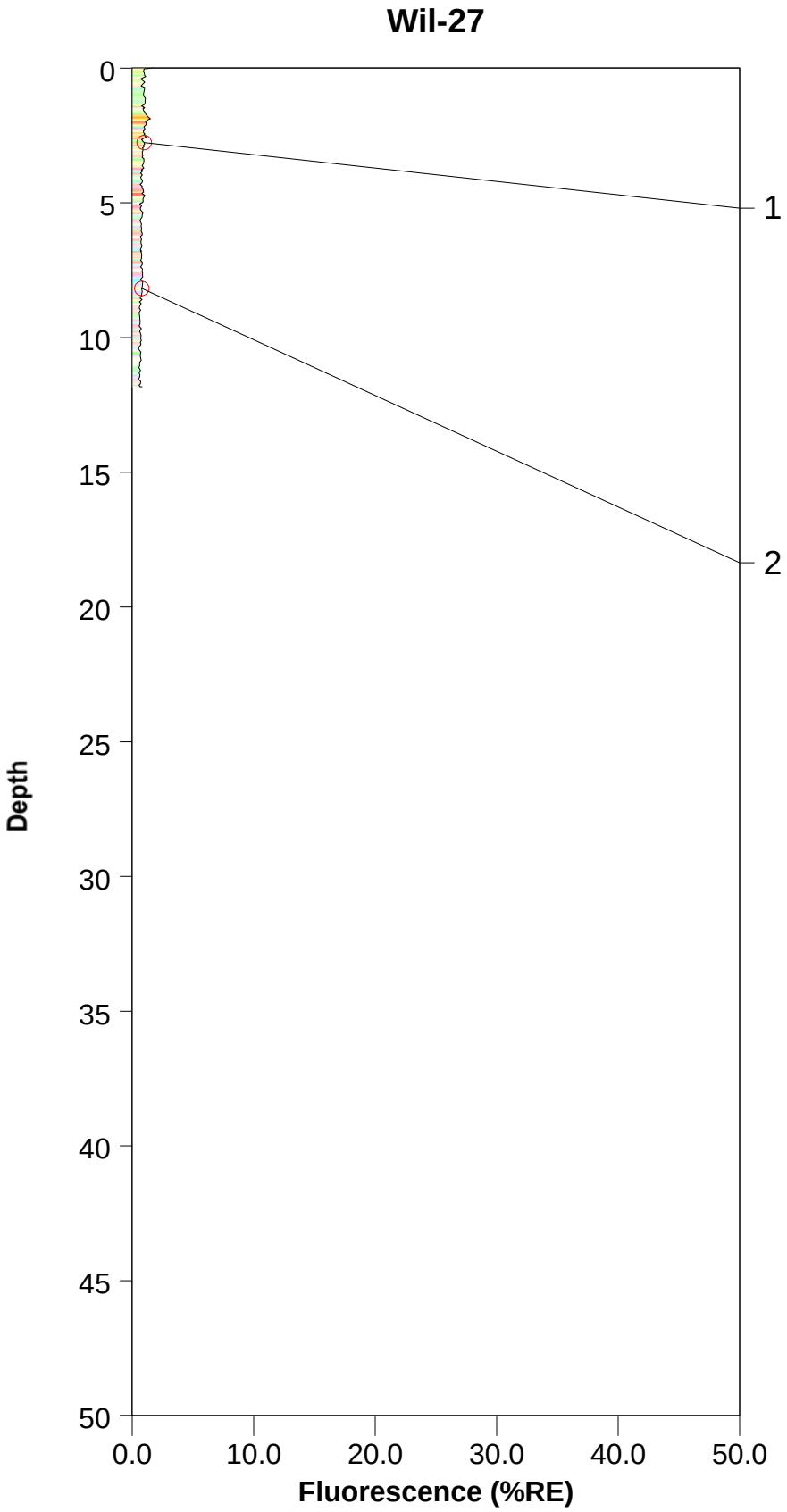
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 1:34:29 PM	Max fluorescence: 1.43% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 3.46 ft

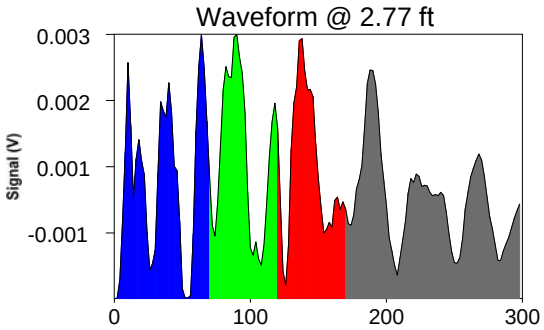


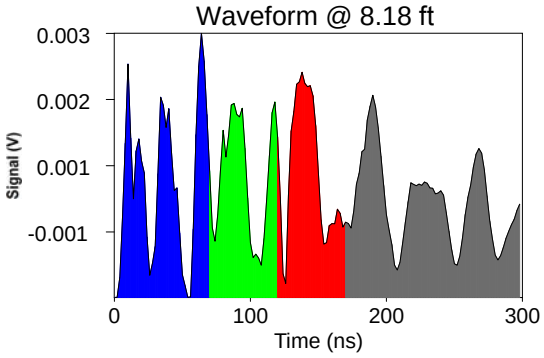


ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 1:14:24 PM	Max fluorescence: 1.75% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 11.83 ft



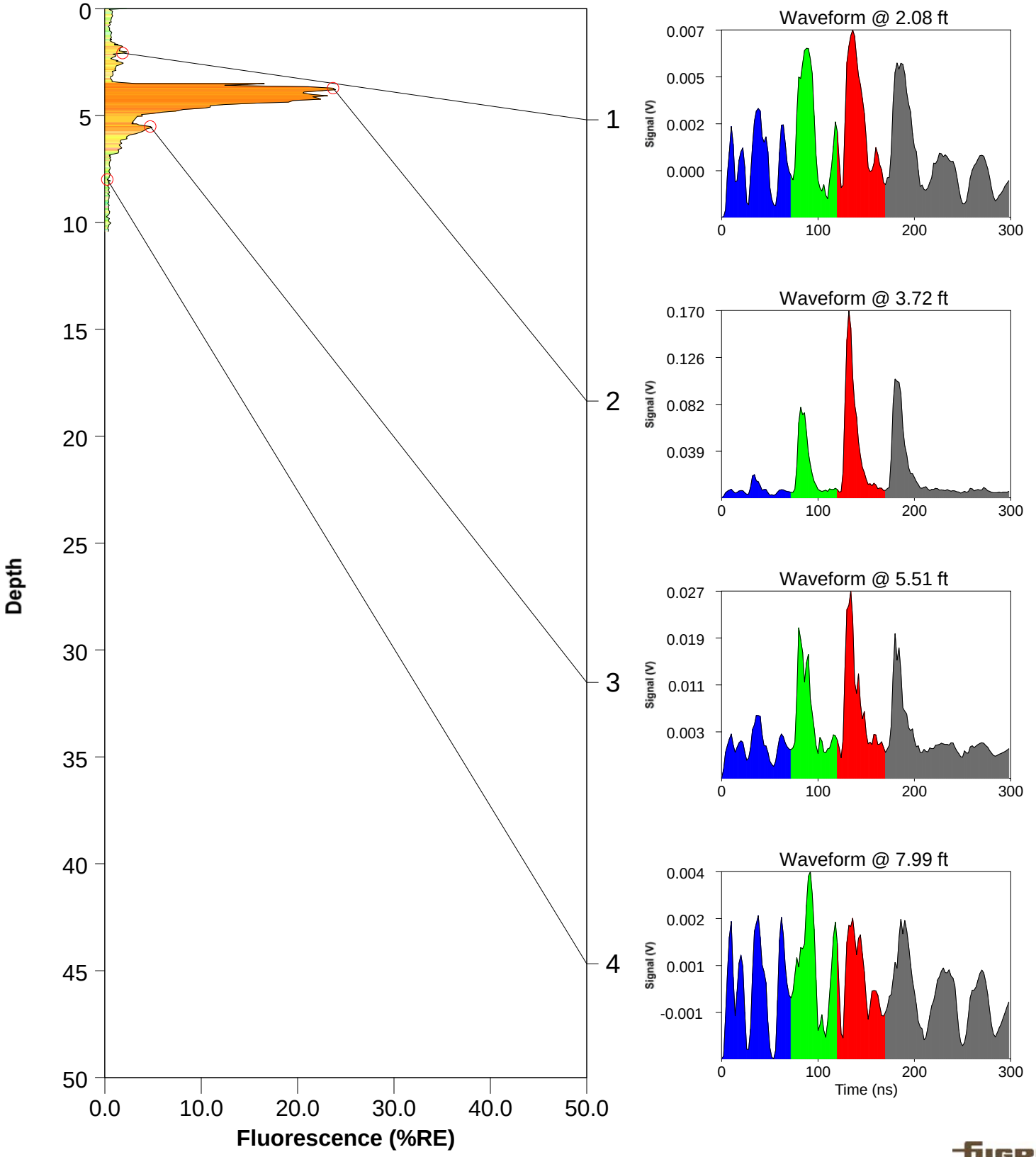




ROST Fluorescence Response Data

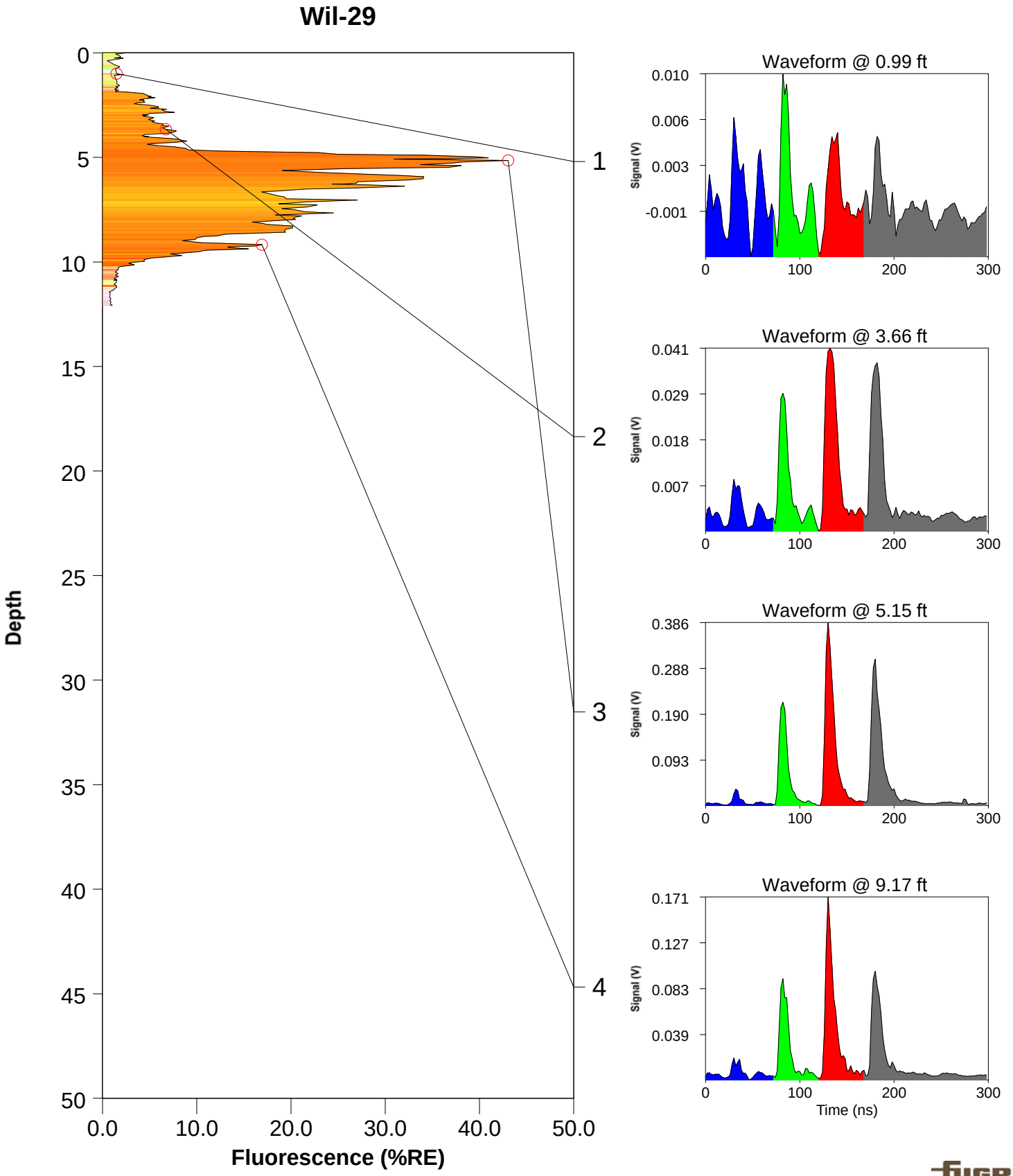
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 12:54:02 PM	Max fluorescence: 23.93% @ 3.79 ft
ROST Unit: ?	Final depth BGS: 10.42 ft

Wil-28



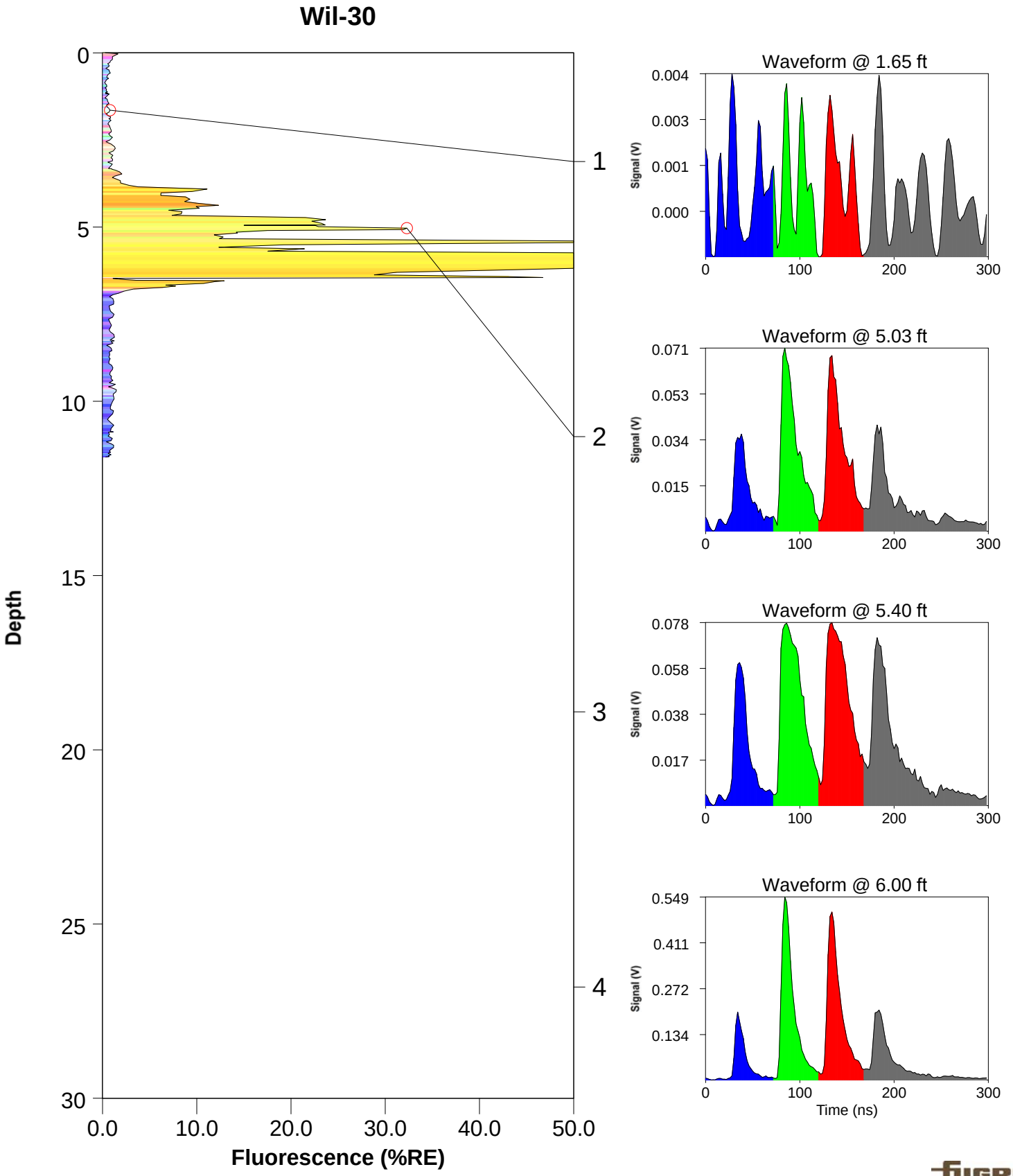
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/5/2015 @ 12:07:38 PM	Max fluorescence: 43.05% @ 5.15 ft
ROST Unit: ?	Final depth BGS: 12.08 ft



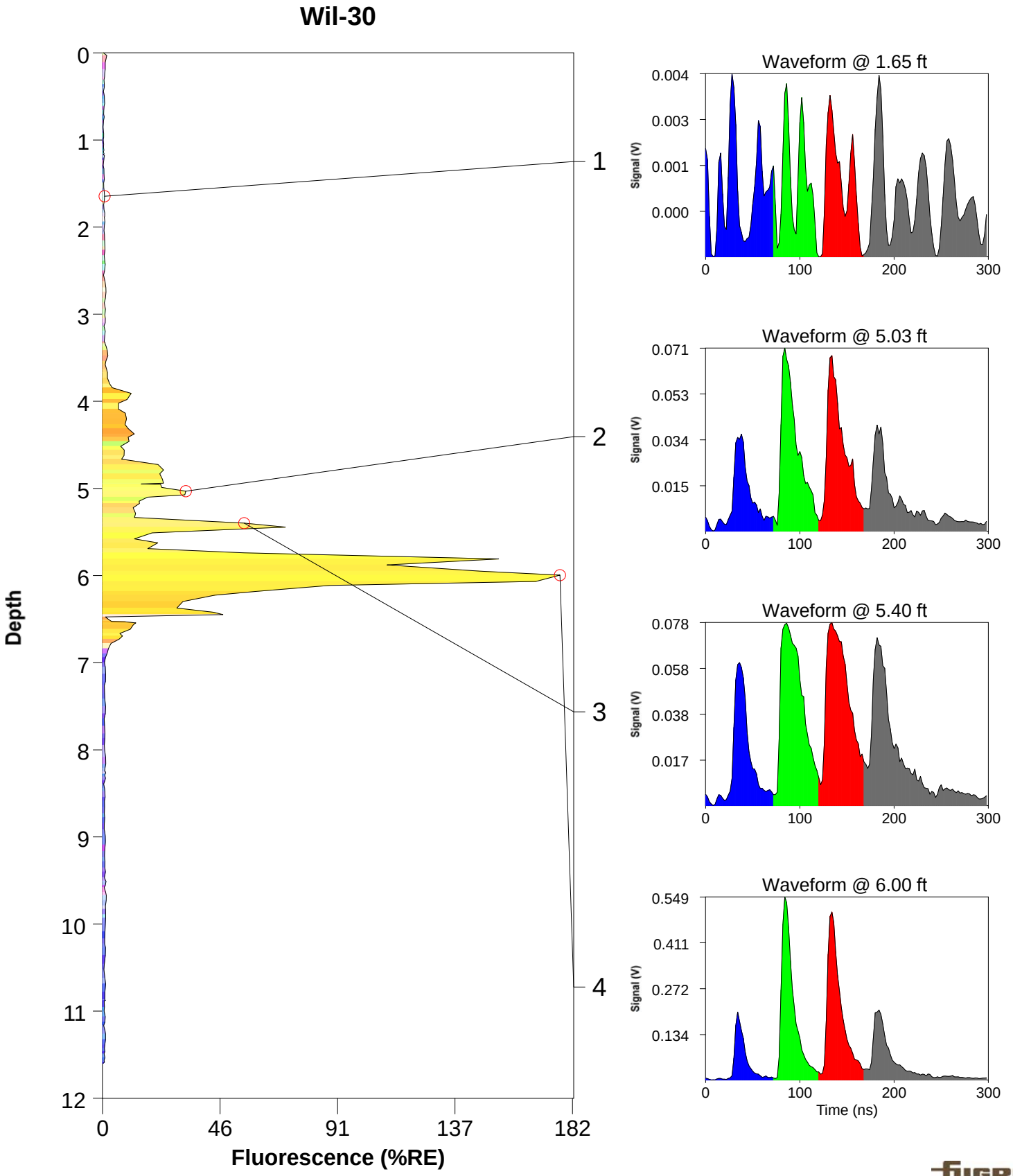
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 9:27:35 AM	Max fluorescence: 177.42% @ 6.00 ft
ROST Unit: ?	Final depth BGS: 11.60 ft



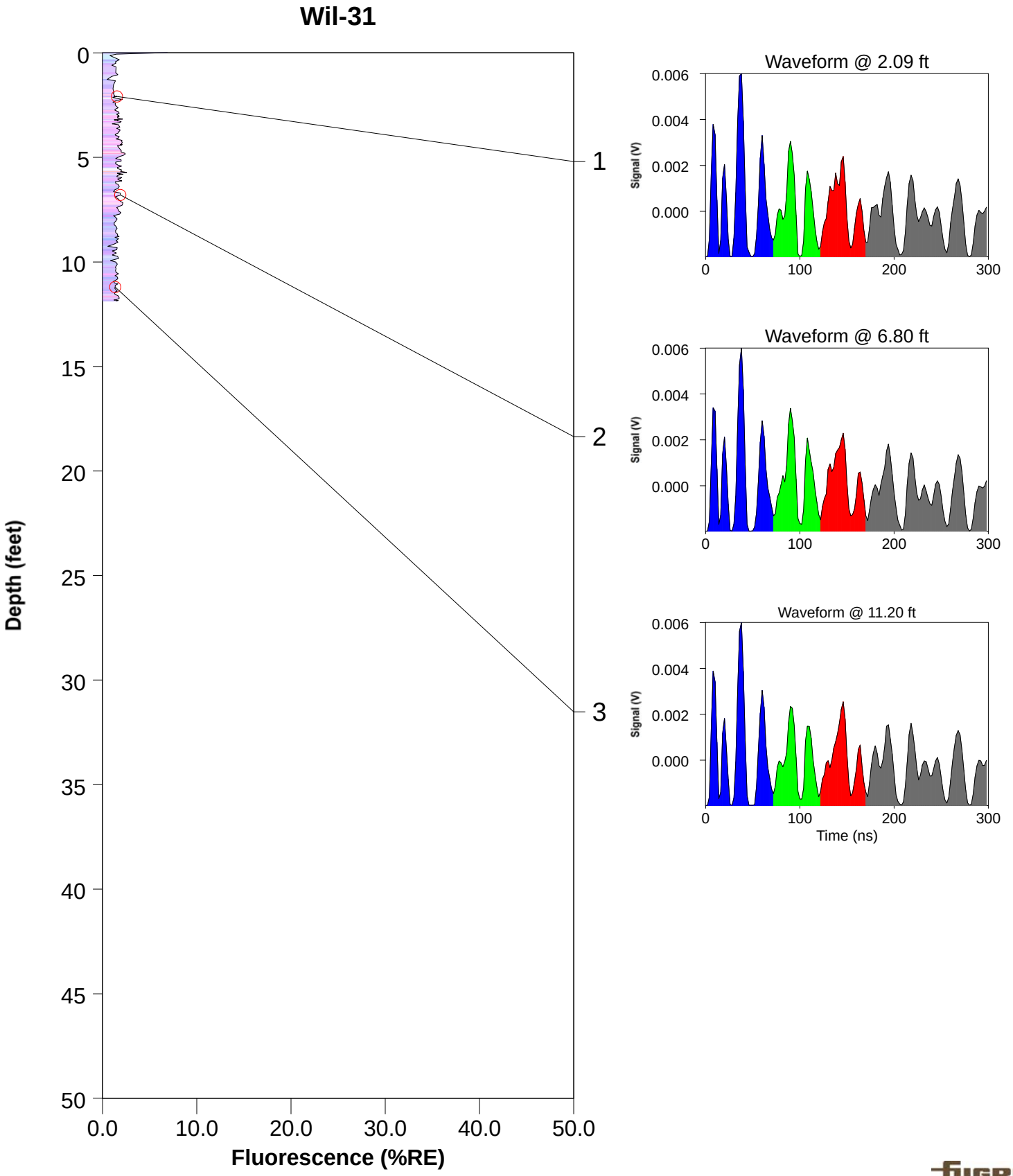
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/4/2015 @ 9:27:35 AM	Max fluorescence: 177.42% @ 6.00 ft
ROST Unit: ?	Final depth BGS: 11.60 ft



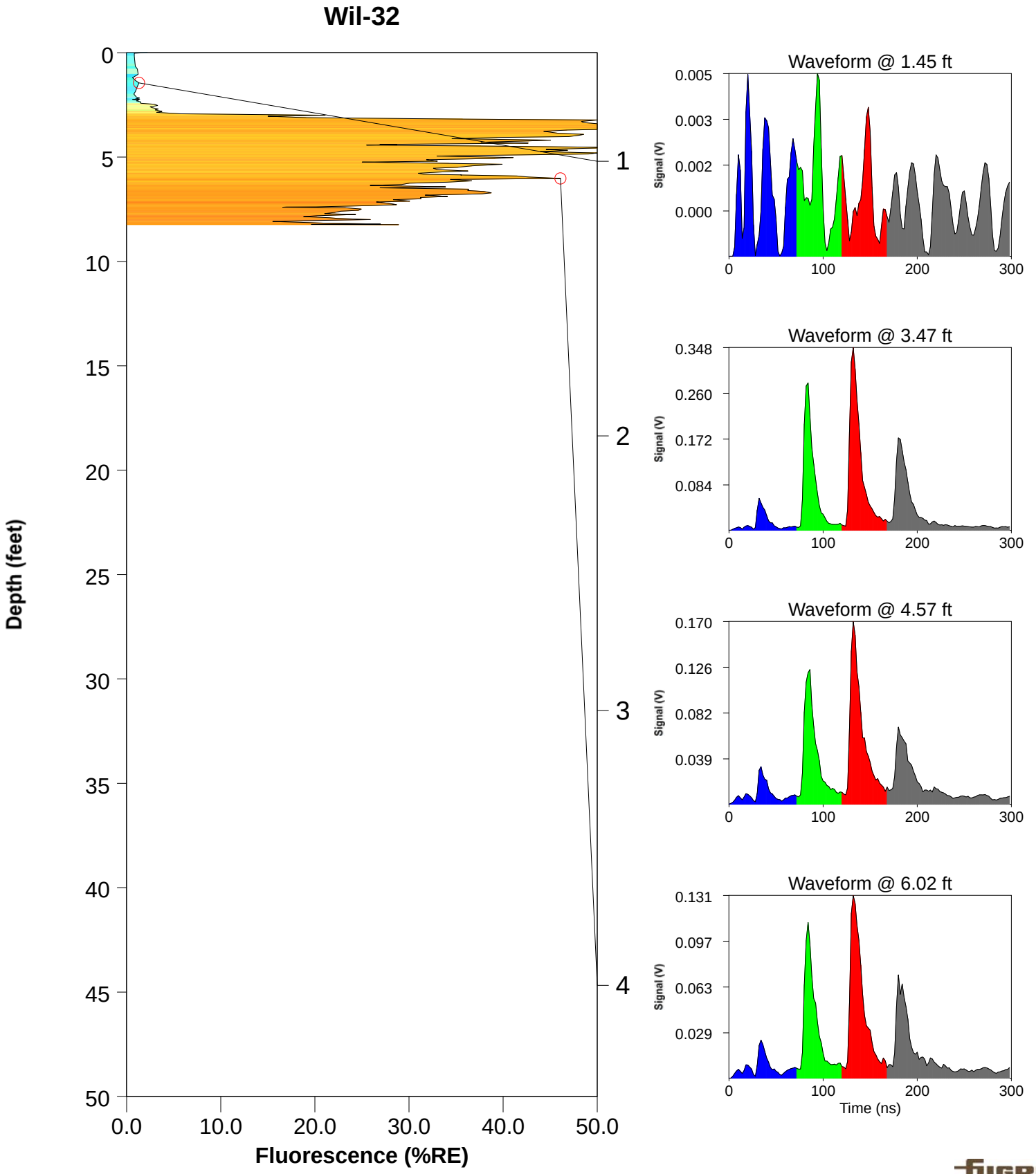
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 10:45:44 AM	Max fluorescence: 6.87% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 11.86 ft



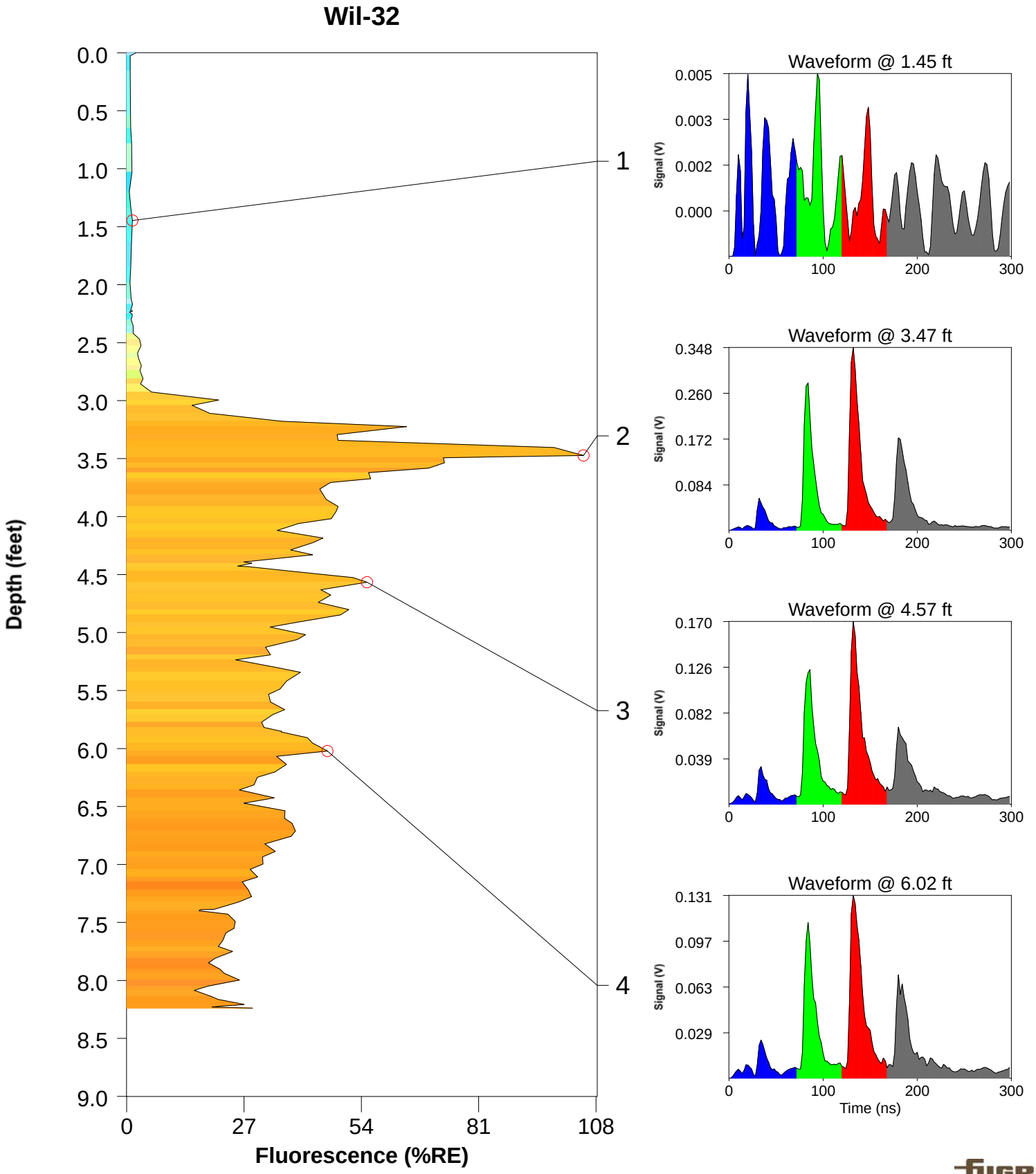
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 11:31:43 AM	Max fluorescence: 104.85% @ 3.47 ft
ROST Unit: ?	Final depth BGS: 8.24 ft



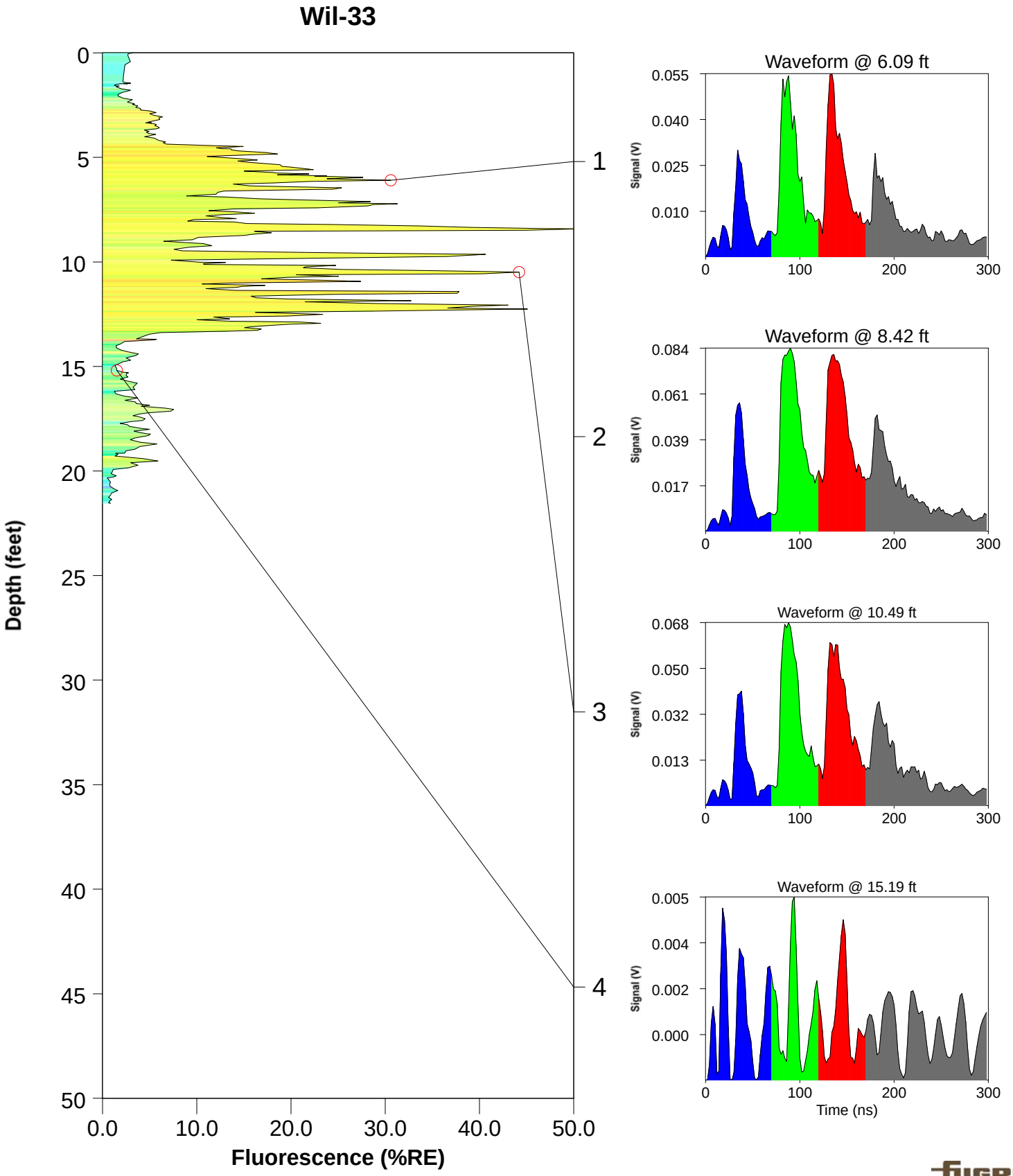
ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 11:31:43 AM	Max fluorescence: 104.85% @ 3.47 ft
ROST Unit: ?	Final depth BGS: 8.24 ft



ROST Fluorescence Response Data

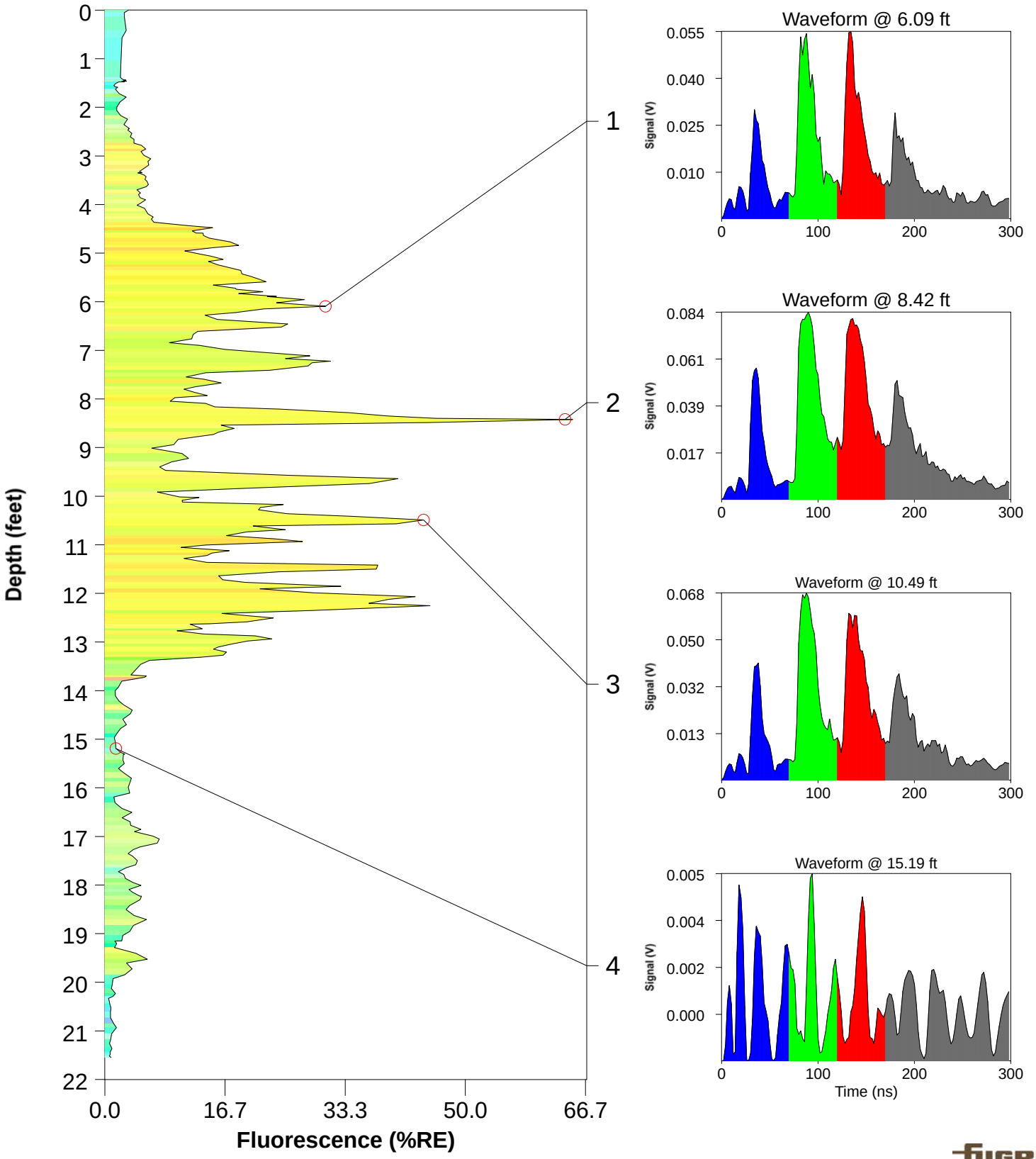
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 12:36:26 PM	Max fluorescence: 64.87% @ 8.42 ft
ROST Unit: ?	Final depth BGS: 21.55 ft



ROST Fluorescence Response Data

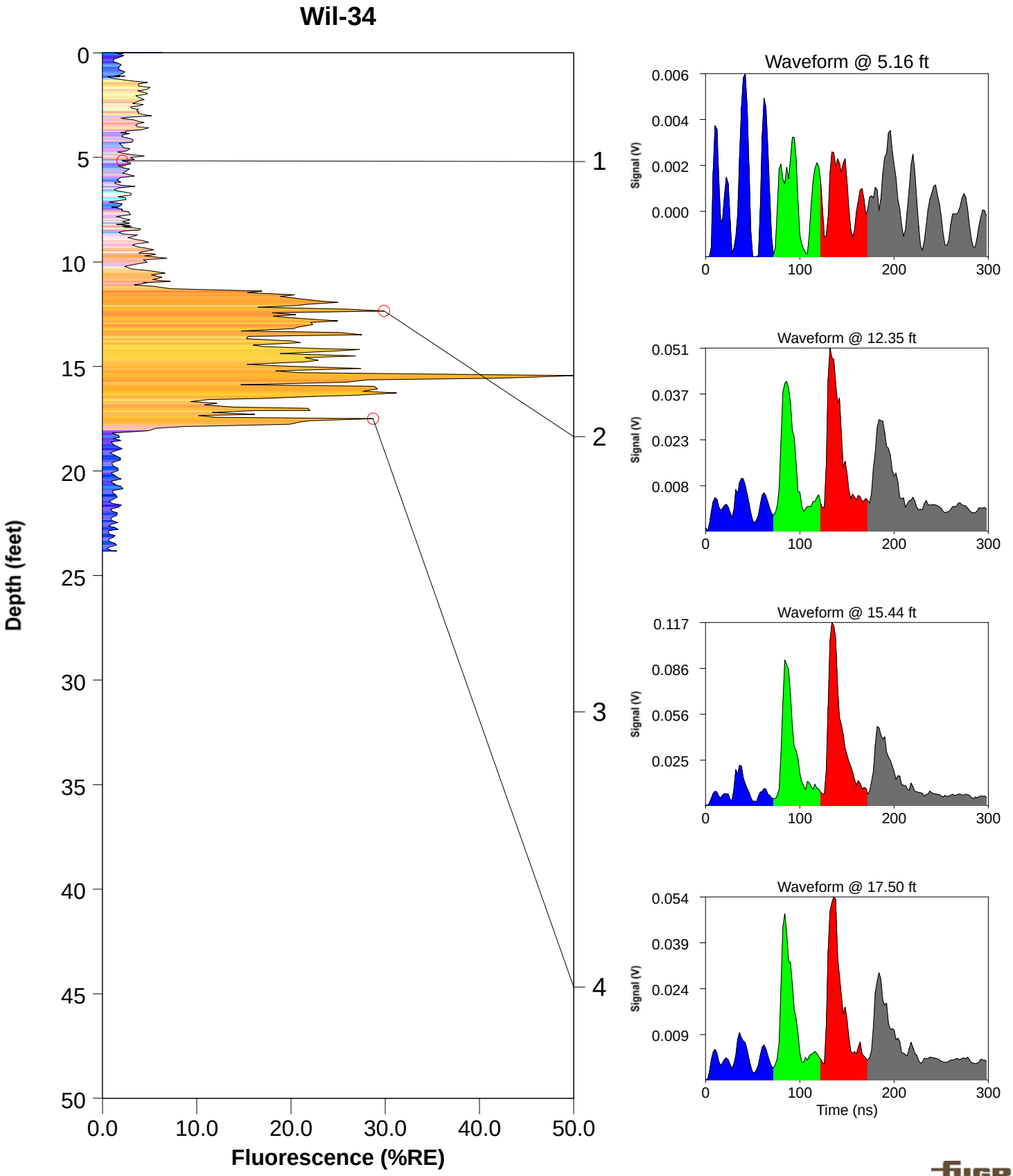
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 12:36:26 PM	Max fluorescence: 64.87% @ 8.42 ft
ROST Unit: ?	Final depth BGS: 21.55 ft

Wil-33



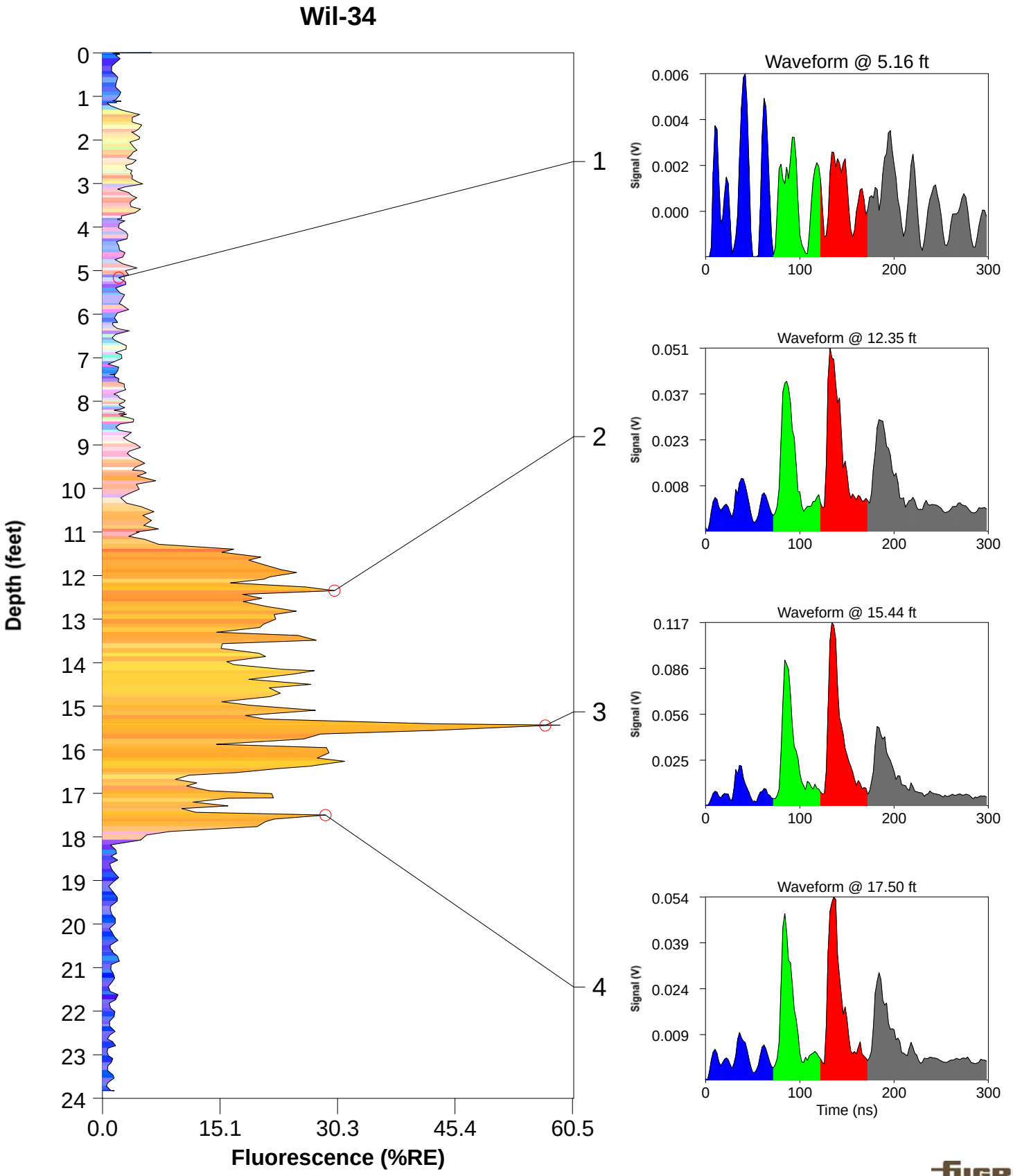
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/8/2015 @ 9:58:27 AM	Max fluorescence: 58.91% @ 15.44 ft
ROST Unit: ?	Final depth BGS: 23.83 ft



ROST Fluorescence Response Data

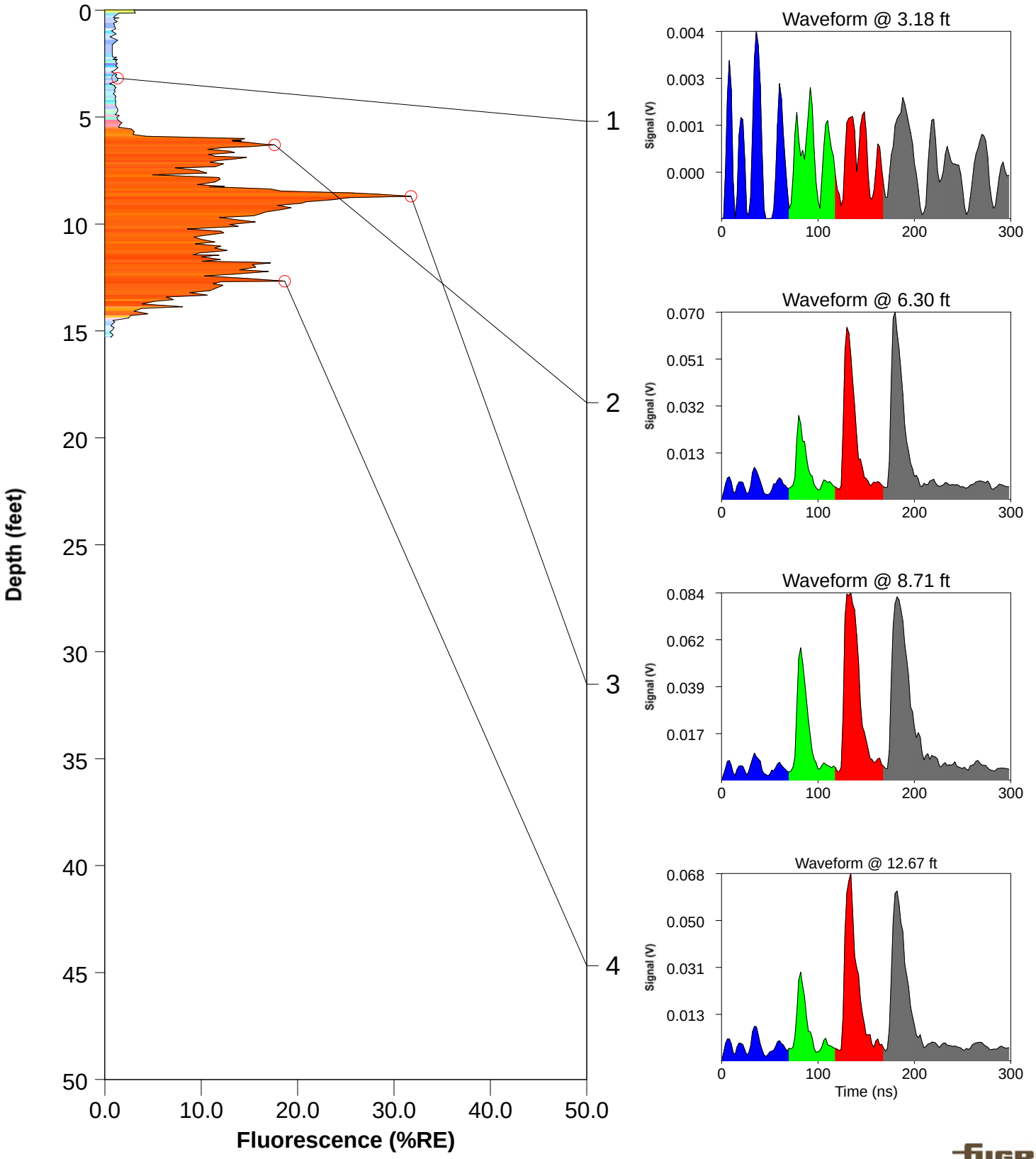
Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/8/2015 @ 9:58:27 AM	Max fluorescence: 58.91% @ 15.44 ft
ROST Unit: ?	Final depth BGS: 23.83 ft



ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 3:46:16 PM	Max fluorescence: 31.76% @ 8.71 ft
ROST Unit: ?	Final depth BGS: 15.29 ft

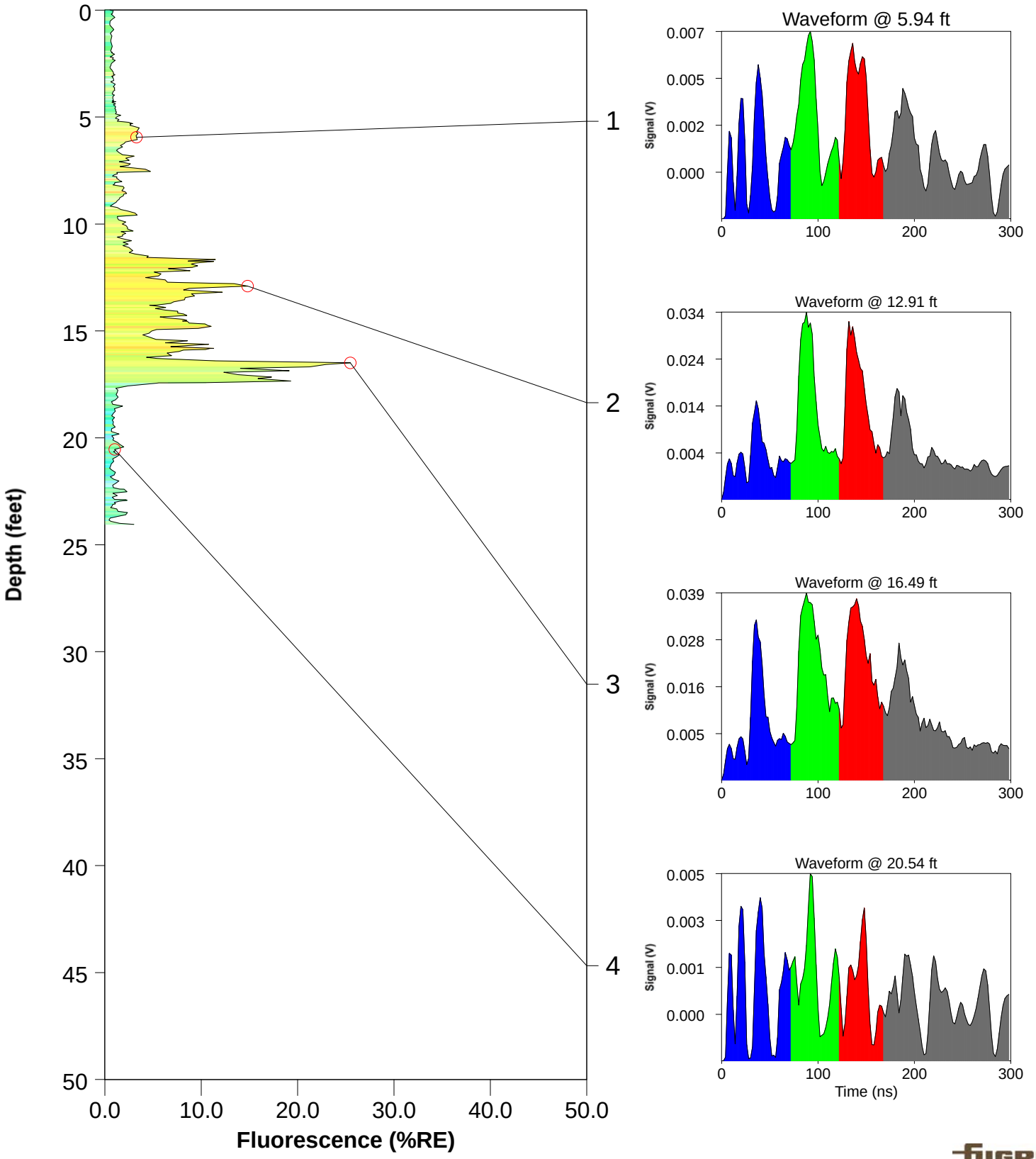
Wil-35



ROST Fluorescence Response Data

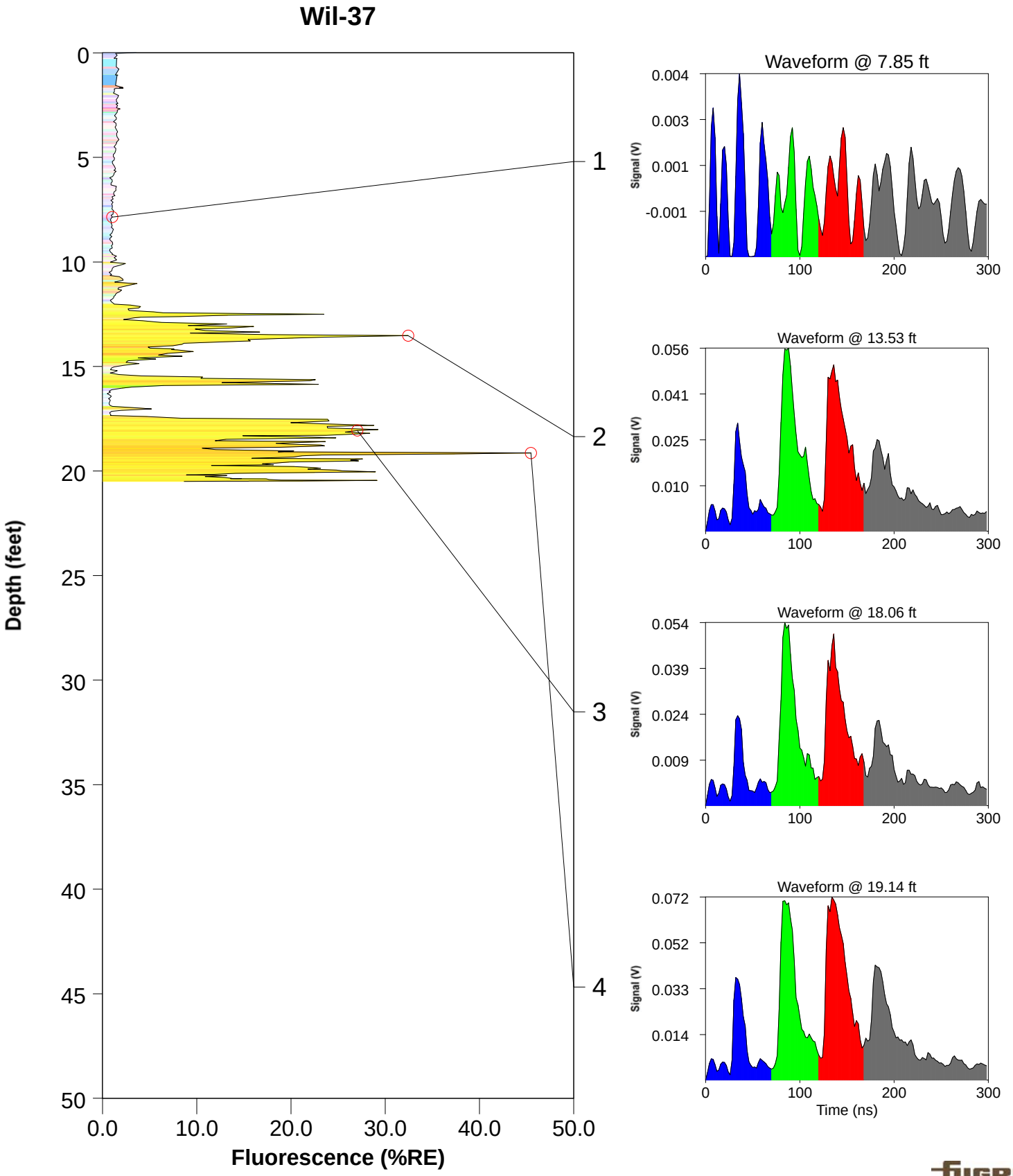
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 1:03:31 PM	Max fluorescence: 25.47% @ 16.49 ft
ROST Unit: ?	Final depth BGS: 24.05 ft

Wil-36



ROST Fluorescence Response Data

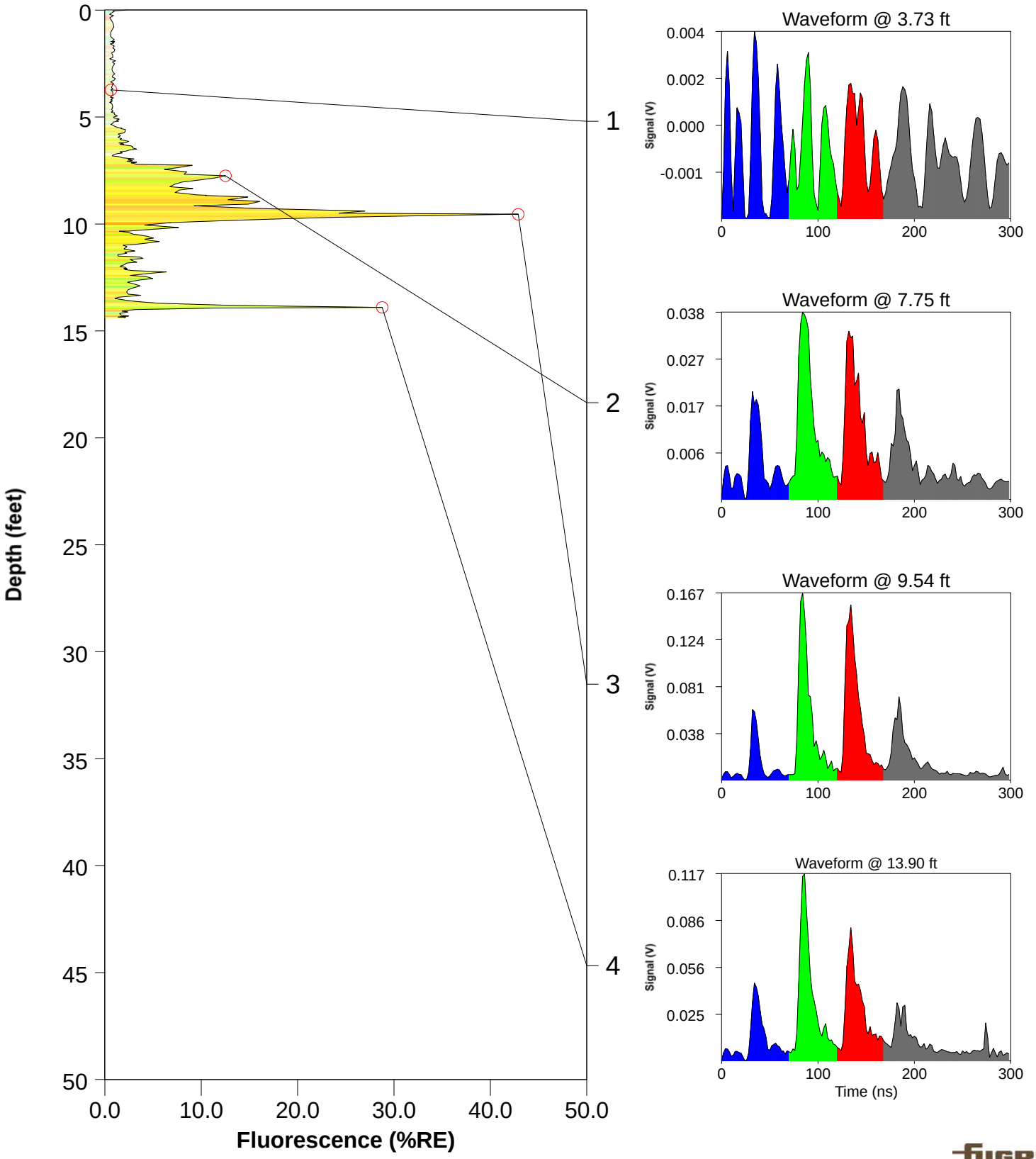
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 2:29:25 PM	Max fluorescence: 45.46% @ 19.14 ft
ROST Unit: ?	Final depth BGS: 20.50 ft



ROST Fluorescence Response Data

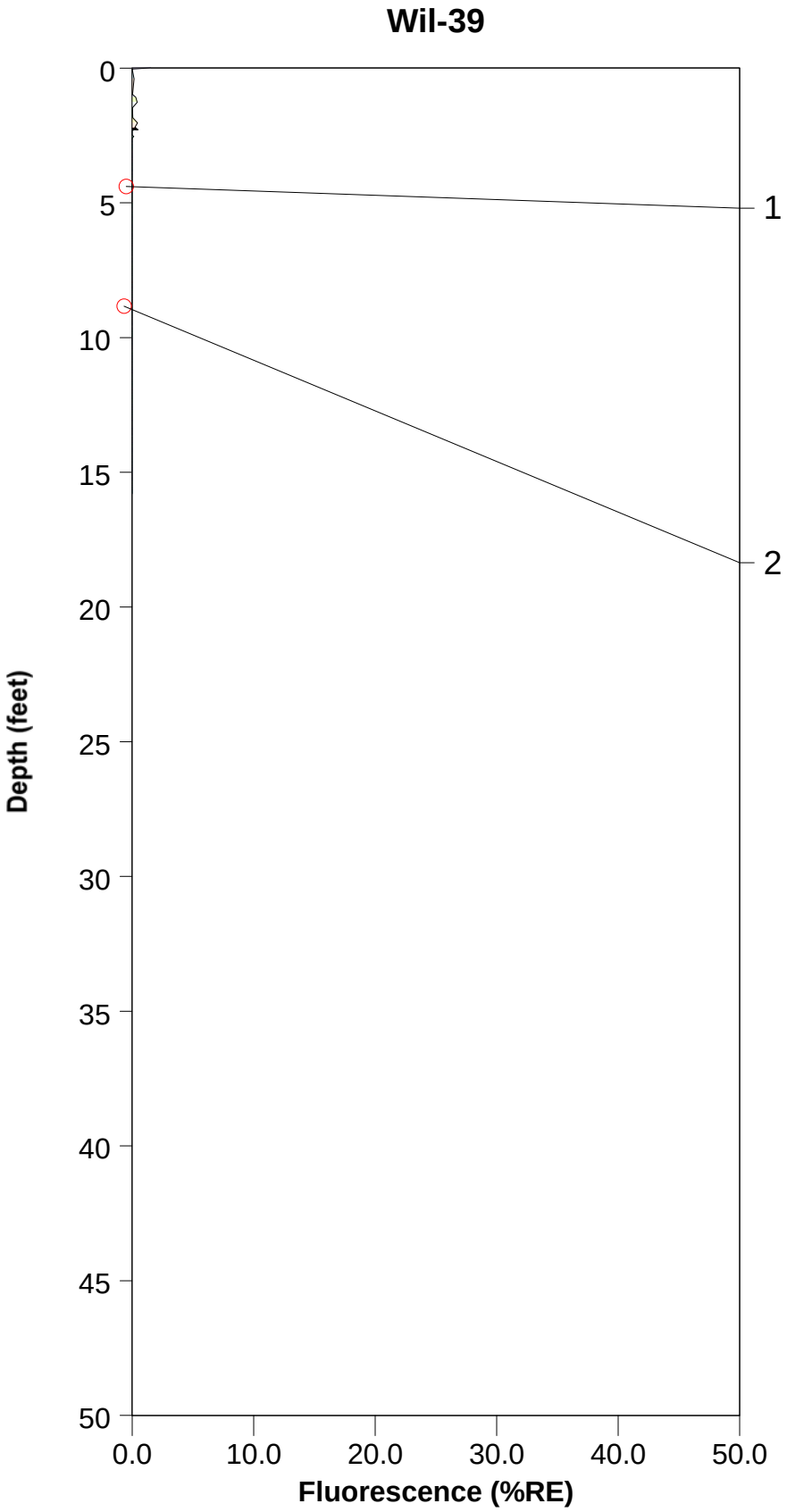
Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 2:08:36 PM	Max fluorescence: 42.89% @ 9.54 ft
ROST Unit: ?	Final depth BGS: 14.37 ft

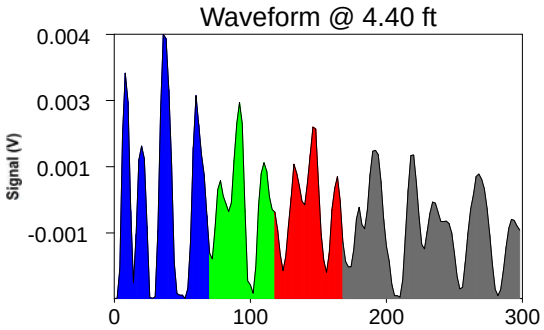
Wil-38

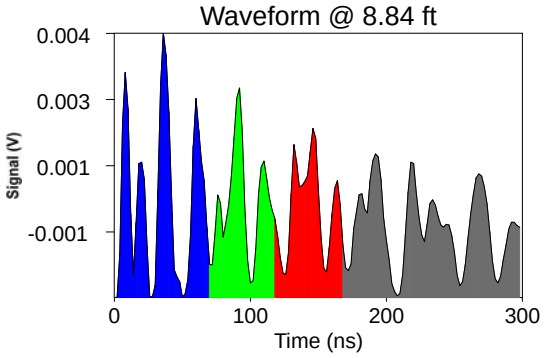


ROST Fluorescence Response Data

Site: bristow ok	Operator: mitch p
Client: lockheed martin	Fugro Job #: 04-1915-0058
Date/Time: 12/7/2015 @ 3:23:10 PM	Max fluorescence: 1.52% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 15.80 ft

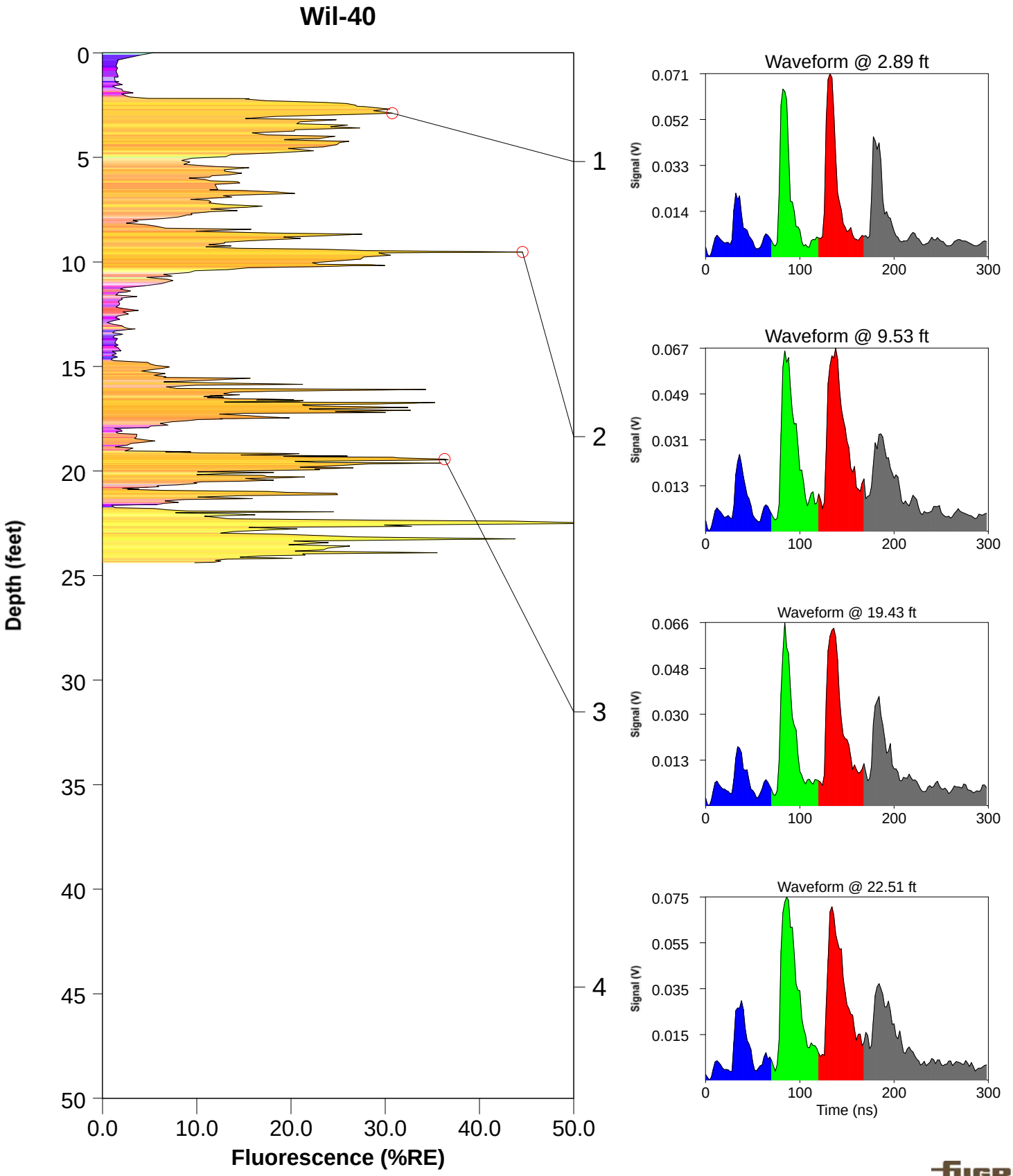






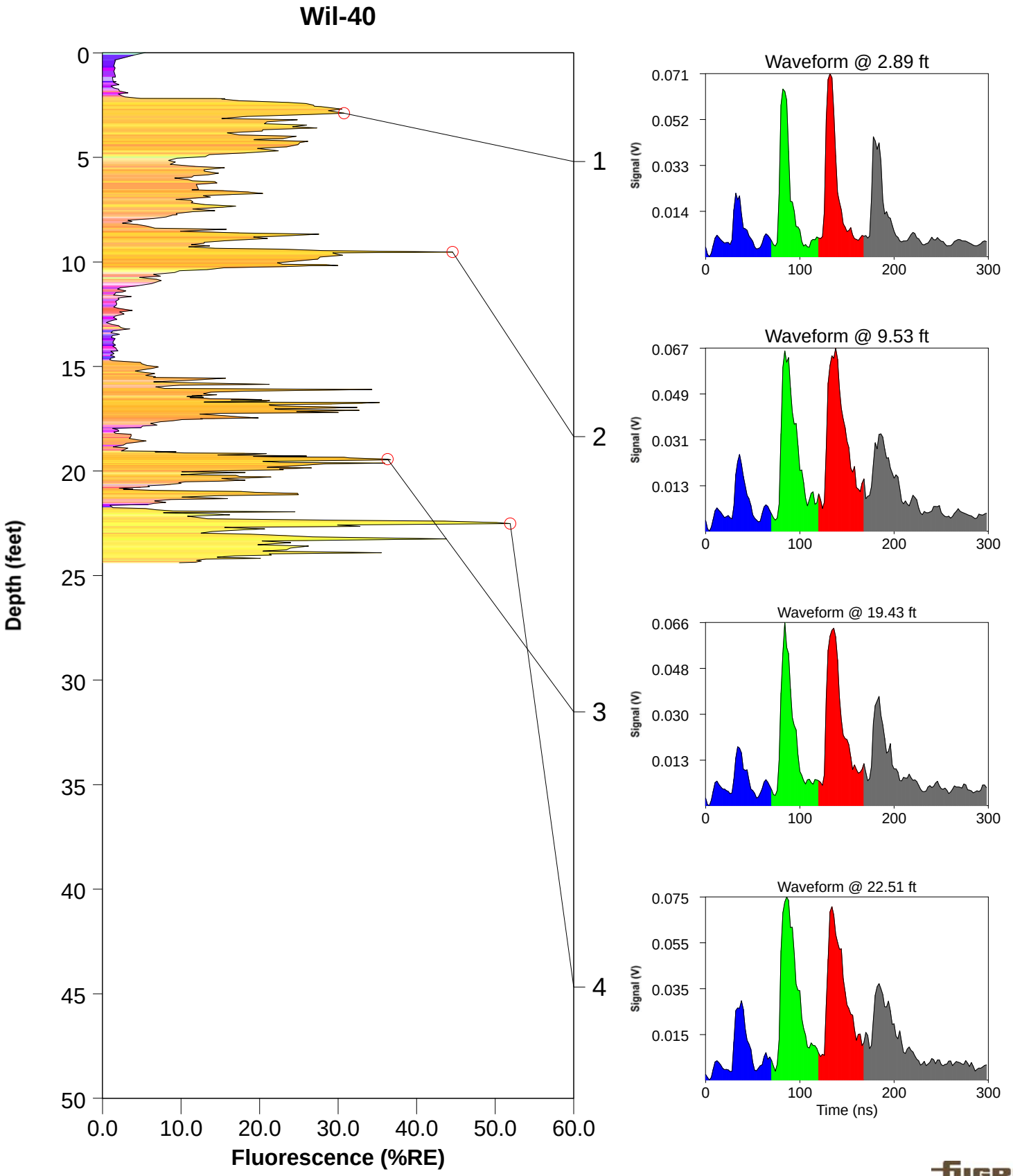
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/8/2015 @ 12:08:53 PM	Max fluorescence: 51.90% @ 22.51 ft
ROST Unit: 1	Final depth BGS: 24.39 ft



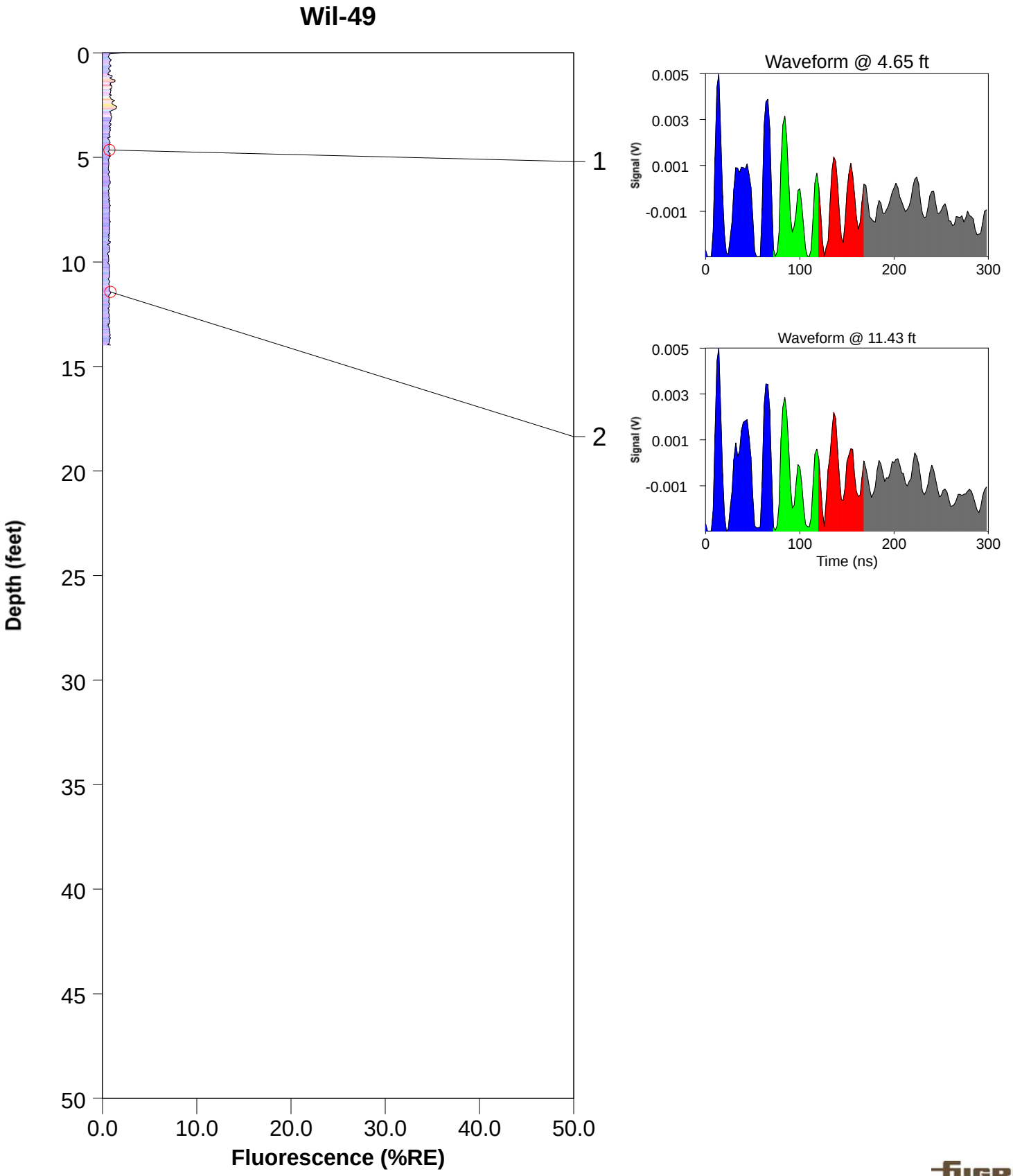
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/8/2015 @ 12:08:53 PM	Max fluorescence: 51.90% @ 22.51 ft
ROST Unit: 1	Final depth BGS: 24.39 ft



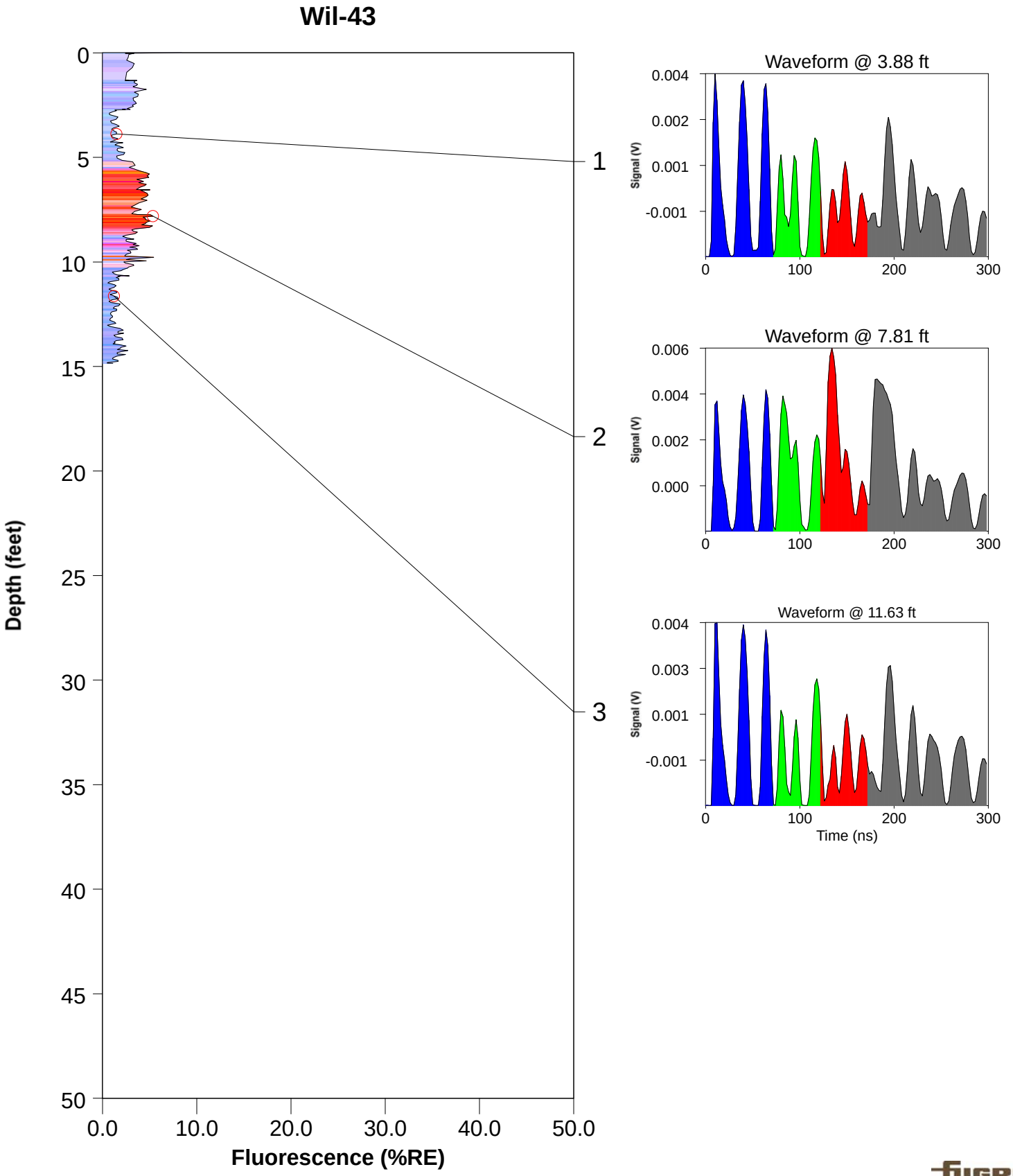
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/8/2015 @ 2:50:22 PM	Max fluorescence: 2.44% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 13.98 ft



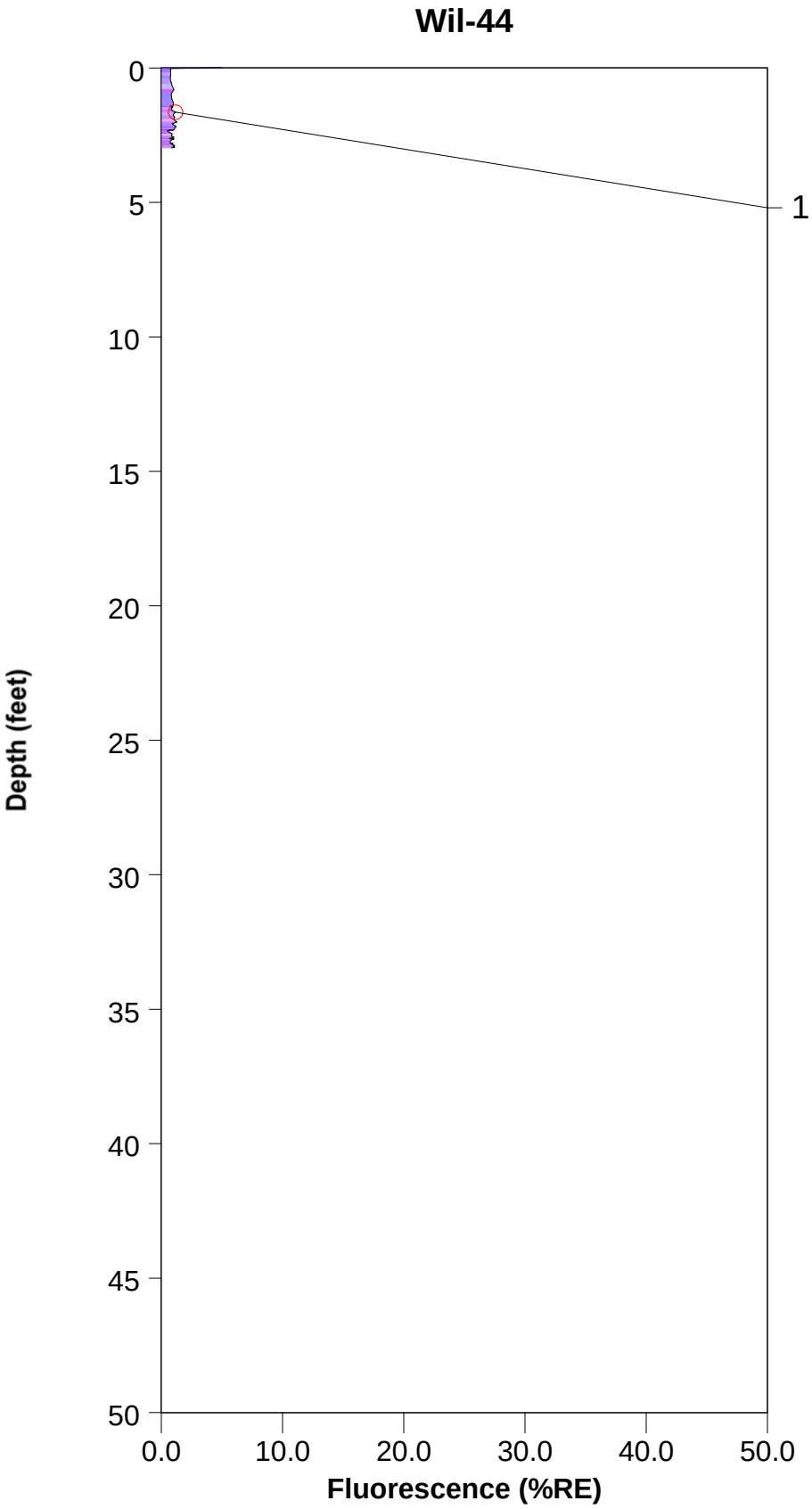
ROST Fluorescence Response Data

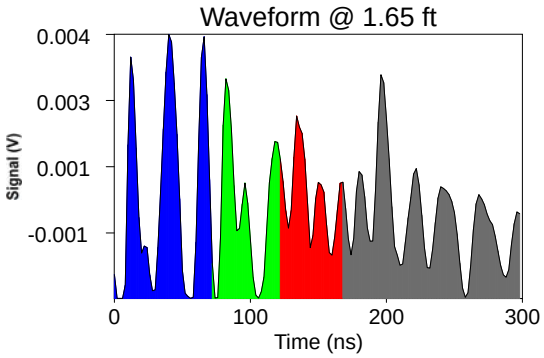
Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/8/2015 @ 10:33:24 AM	Max fluorescence: 8.39% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 14.85 ft



ROST Fluorescence Response Data

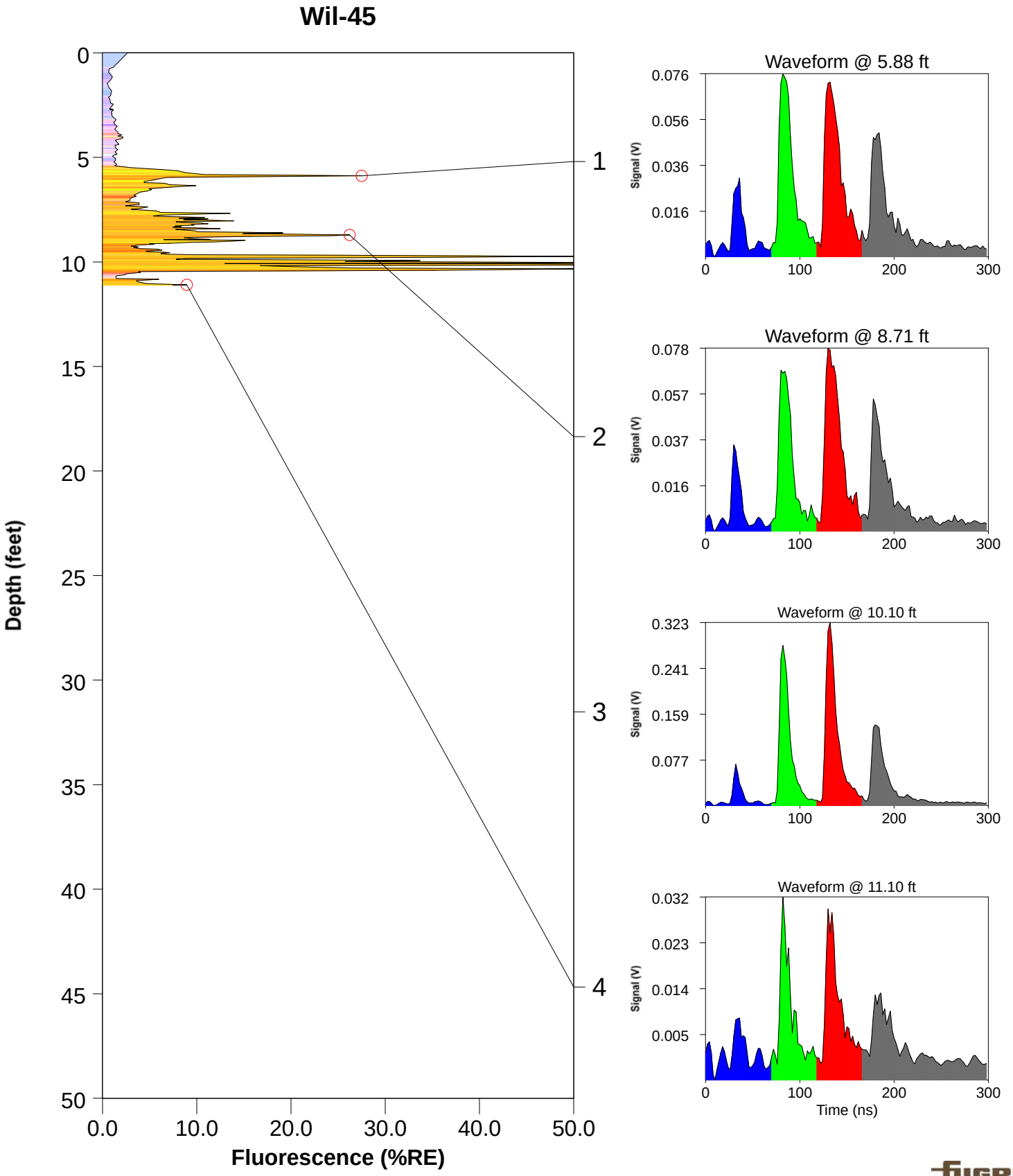
Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/8/2015 @ 11:11:03 AM	Max fluorescence: 5.00% @ 0.00 ft
ROST Unit: ?	Final depth BGS: 2.97 ft





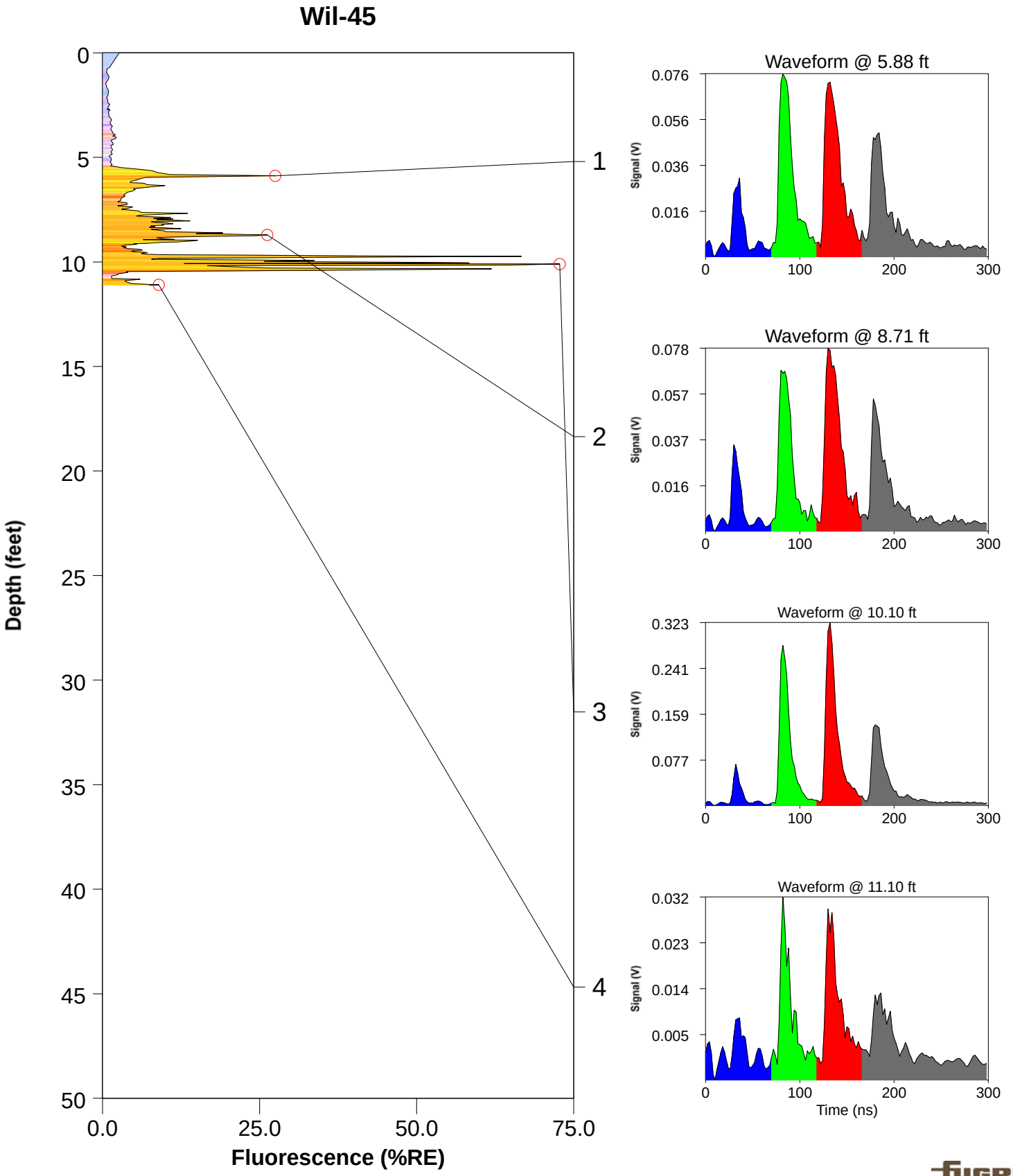
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 11:36:36 AM	Max fluorescence: 72.78% @ 10.10 ft
ROST Unit: 1	Final depth BGS: 11.12 ft



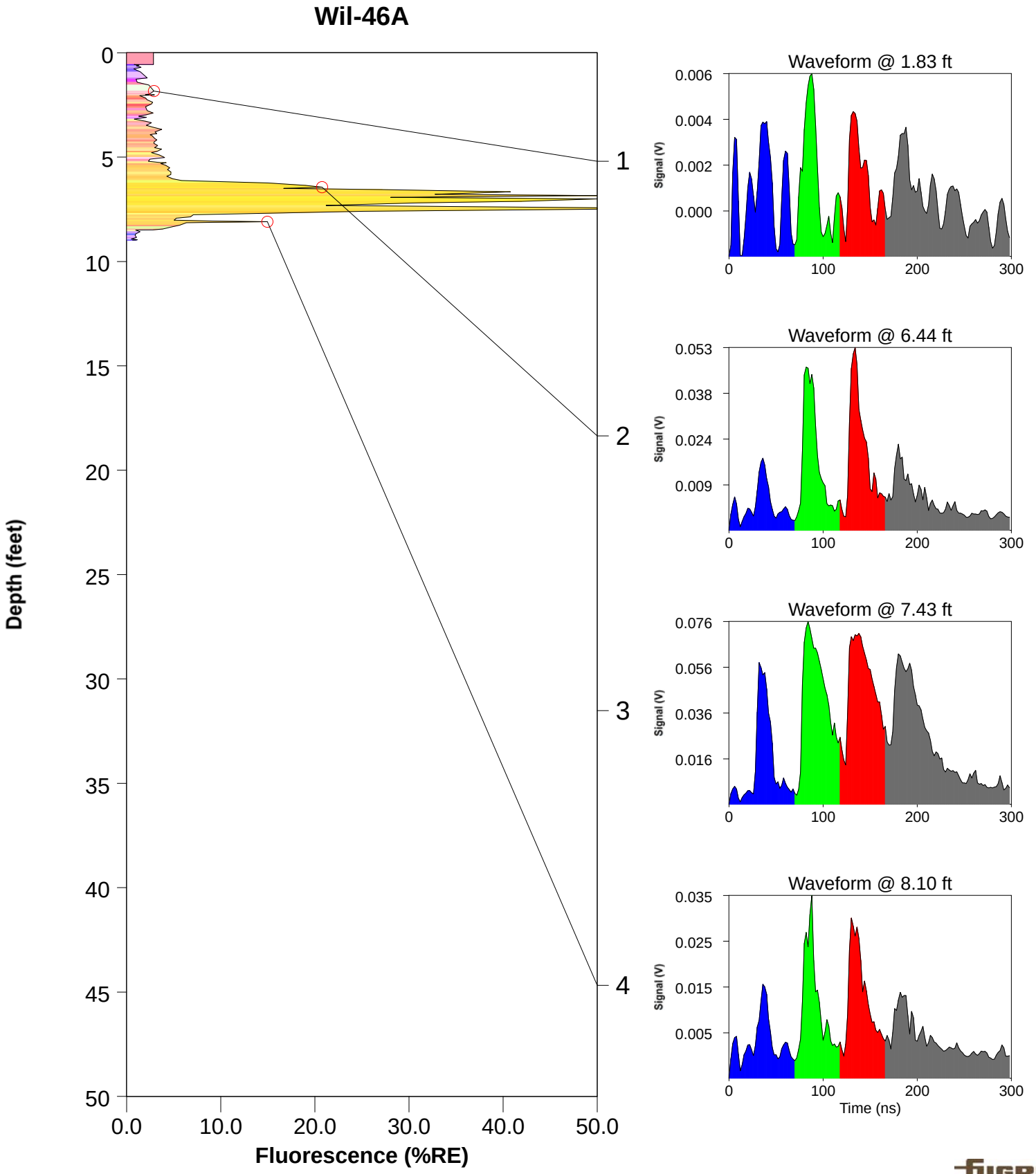
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parris
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/9/2015 @ 11:36:36 AM	Max fluorescence: 72.78% @ 10.10 ft
ROST Unit: 1	Final depth BGS: 11.12 ft



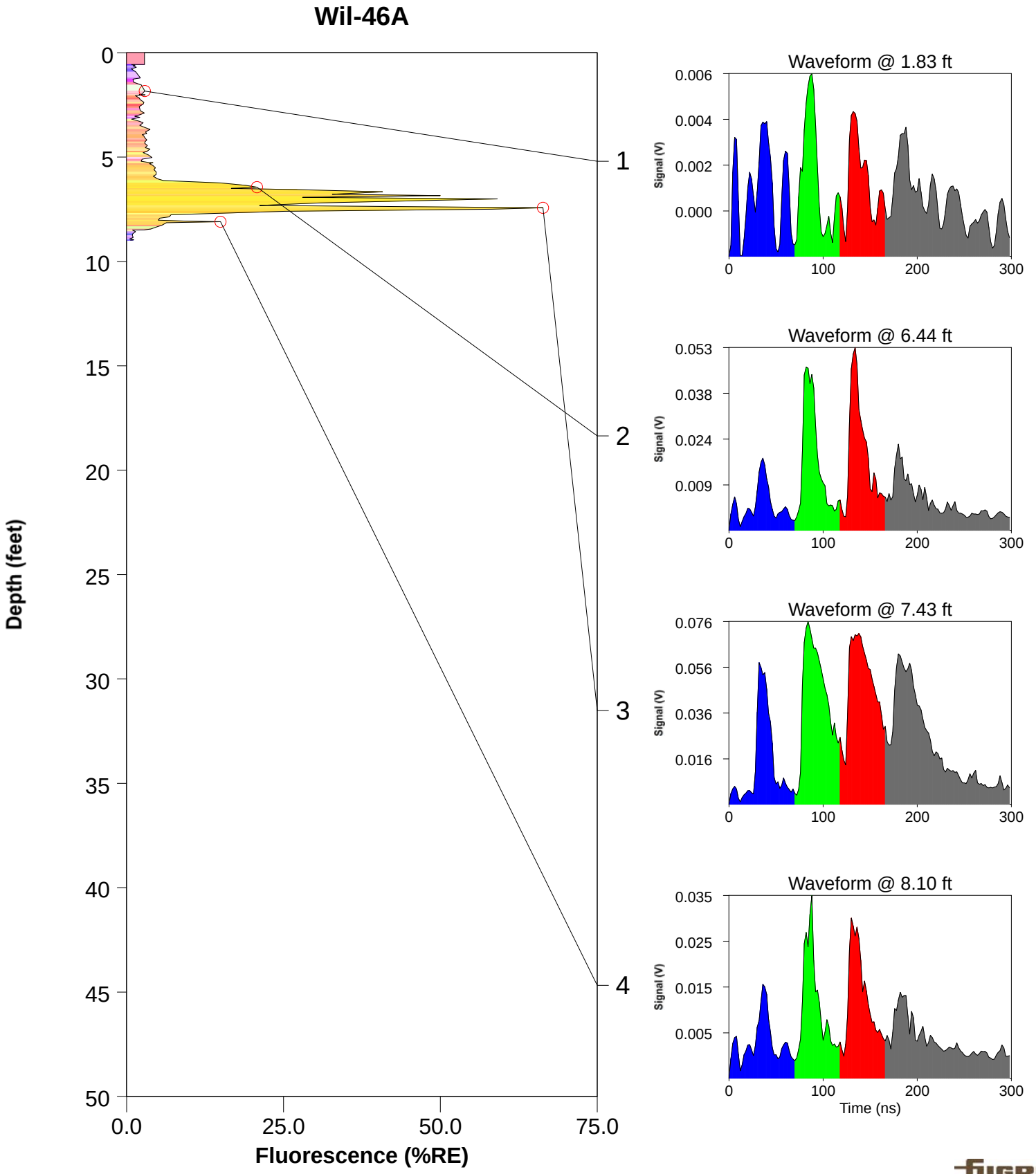
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/9/2015 @ 10:02:54 AM	Max fluorescence: 66.36% @ 7.43 ft
ROST Unit: 1	Final depth BGS: 8.98 ft



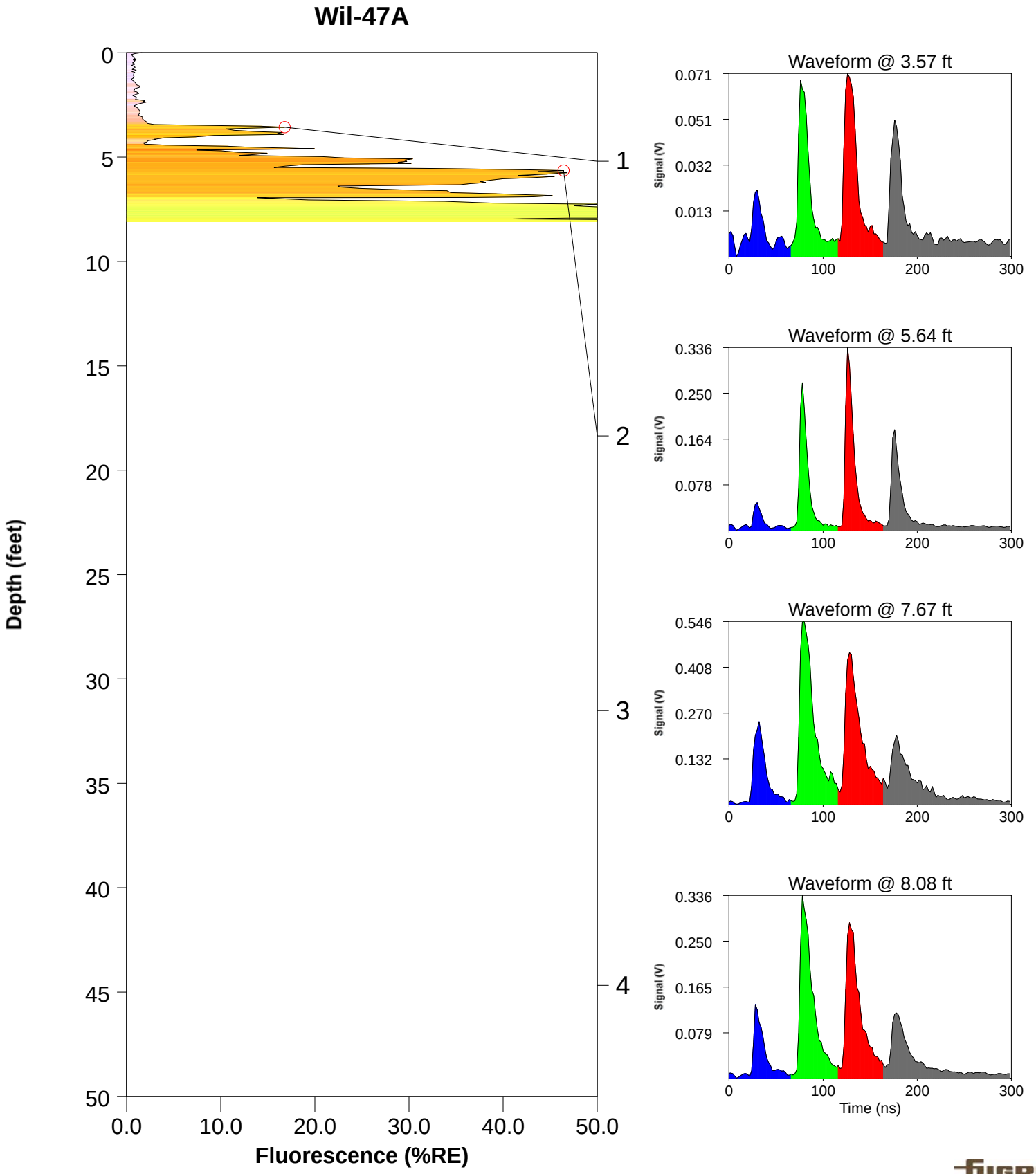
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/9/2015 @ 10:02:54 AM	Max fluorescence: 66.36% @ 7.43 ft
ROST Unit: 1	Final depth BGS: 8.98 ft



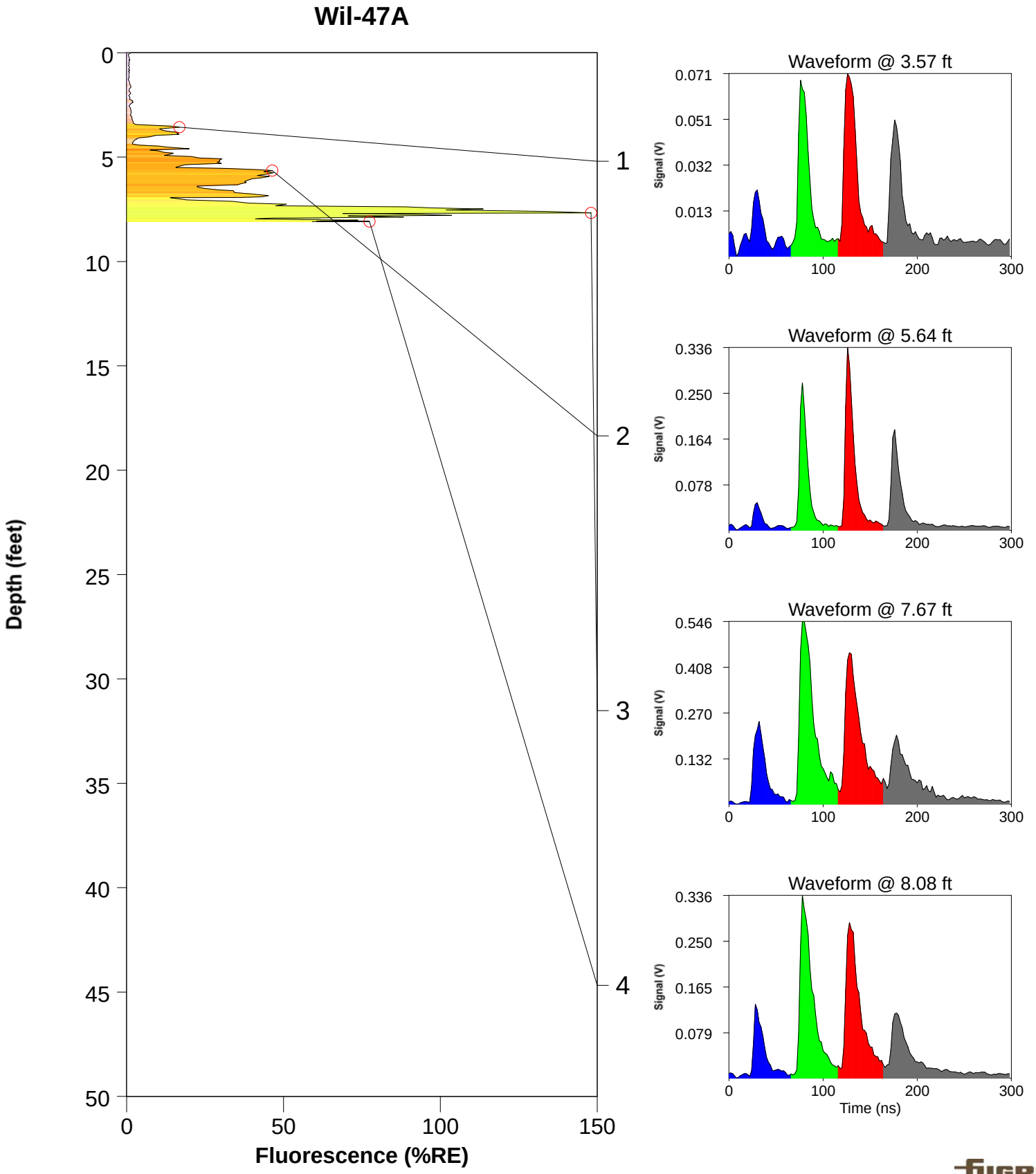
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/9/2015 @ 9:22:31 AM	Max fluorescence: 148.03% @ 7.67 ft
ROST Unit: 1	Final depth BGS: 8.09 ft



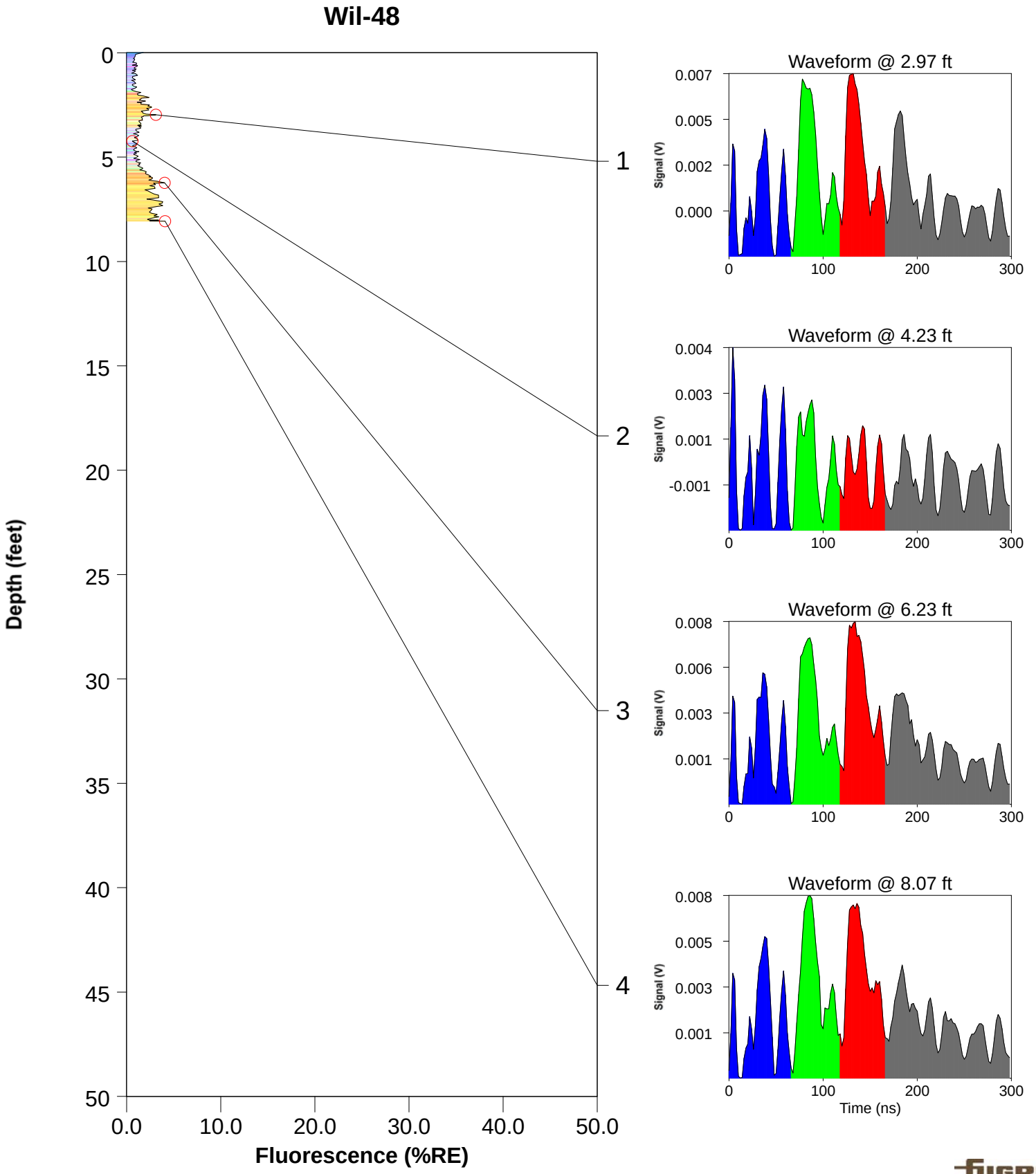
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/9/2015 @ 9:22:31 AM	Max fluorescence: 148.03% @ 7.67 ft
ROST Unit: 1	Final depth BGS: 8.09 ft



ROST Fluorescence Response Data

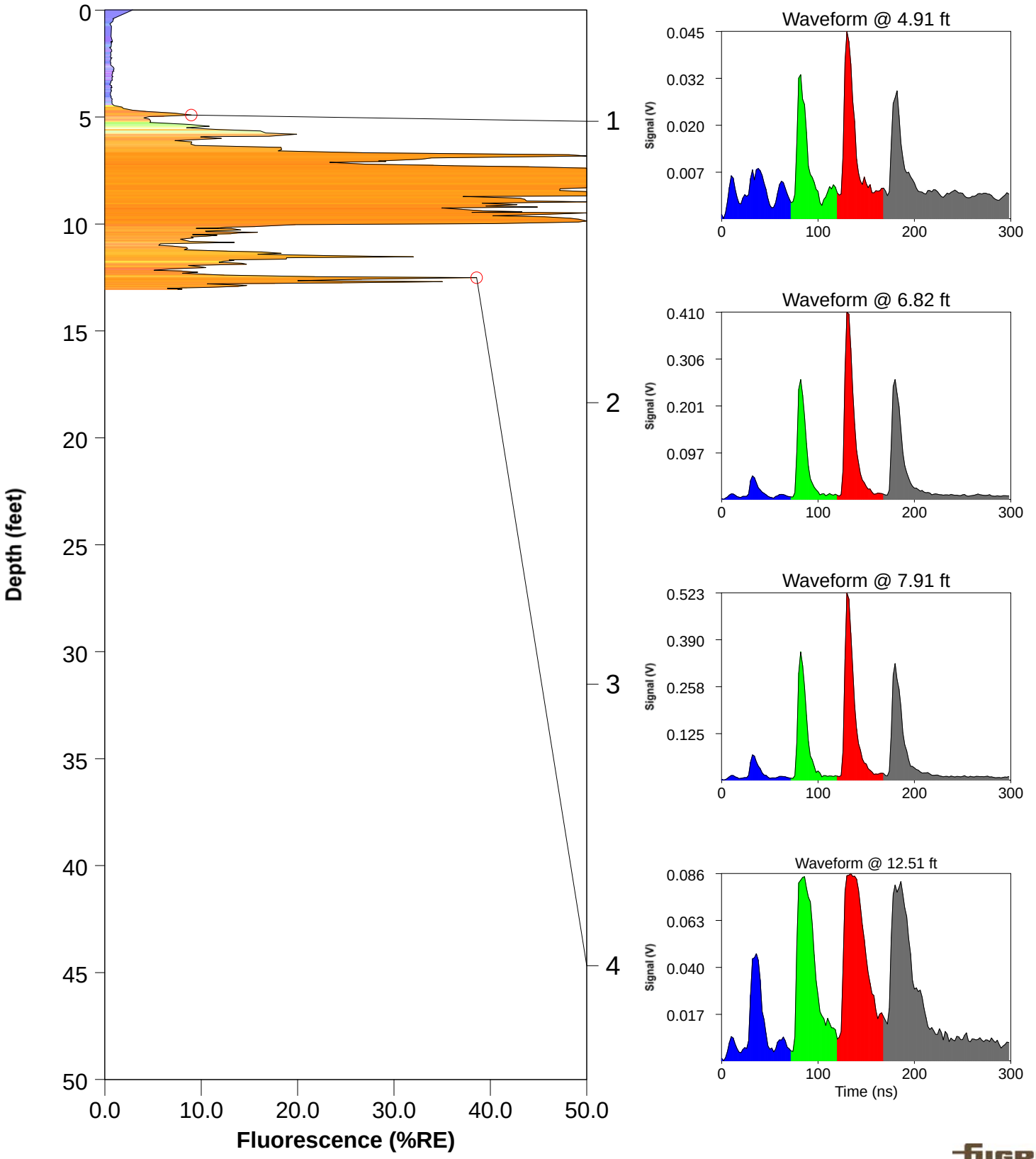
Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/9/2015 @ 8:56:45 AM	Max fluorescence: 4.08% @ 8.07 ft
ROST Unit: 1	Final depth BGS: 8.07 ft



ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/8/2015 @ 1:47:37 PM	Max fluorescence: 78.02% @ 7.87 ft
ROST Unit: ?	Final depth BGS: 13.07 ft

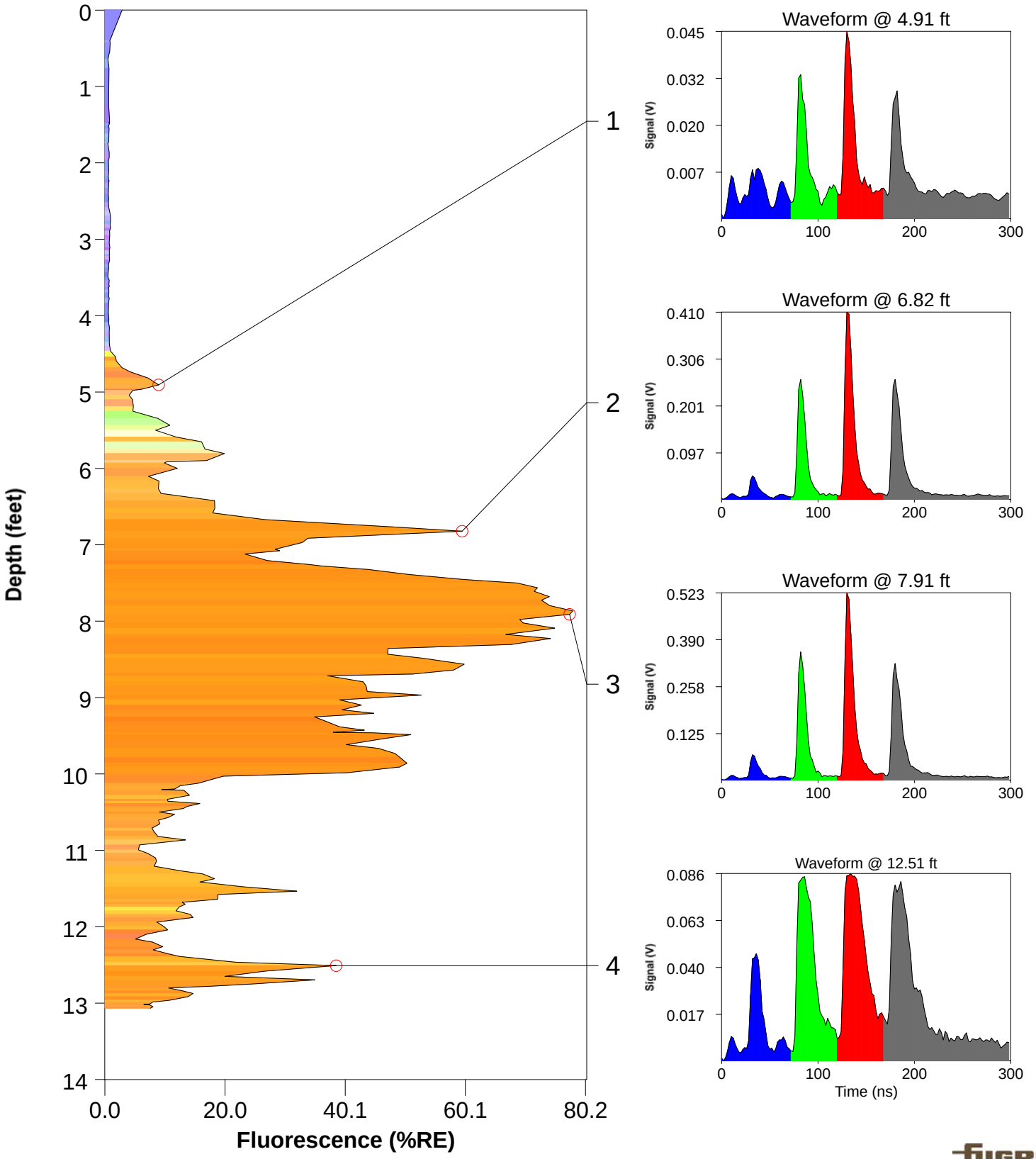
Wil-41



ROST Fluorescence Response Data

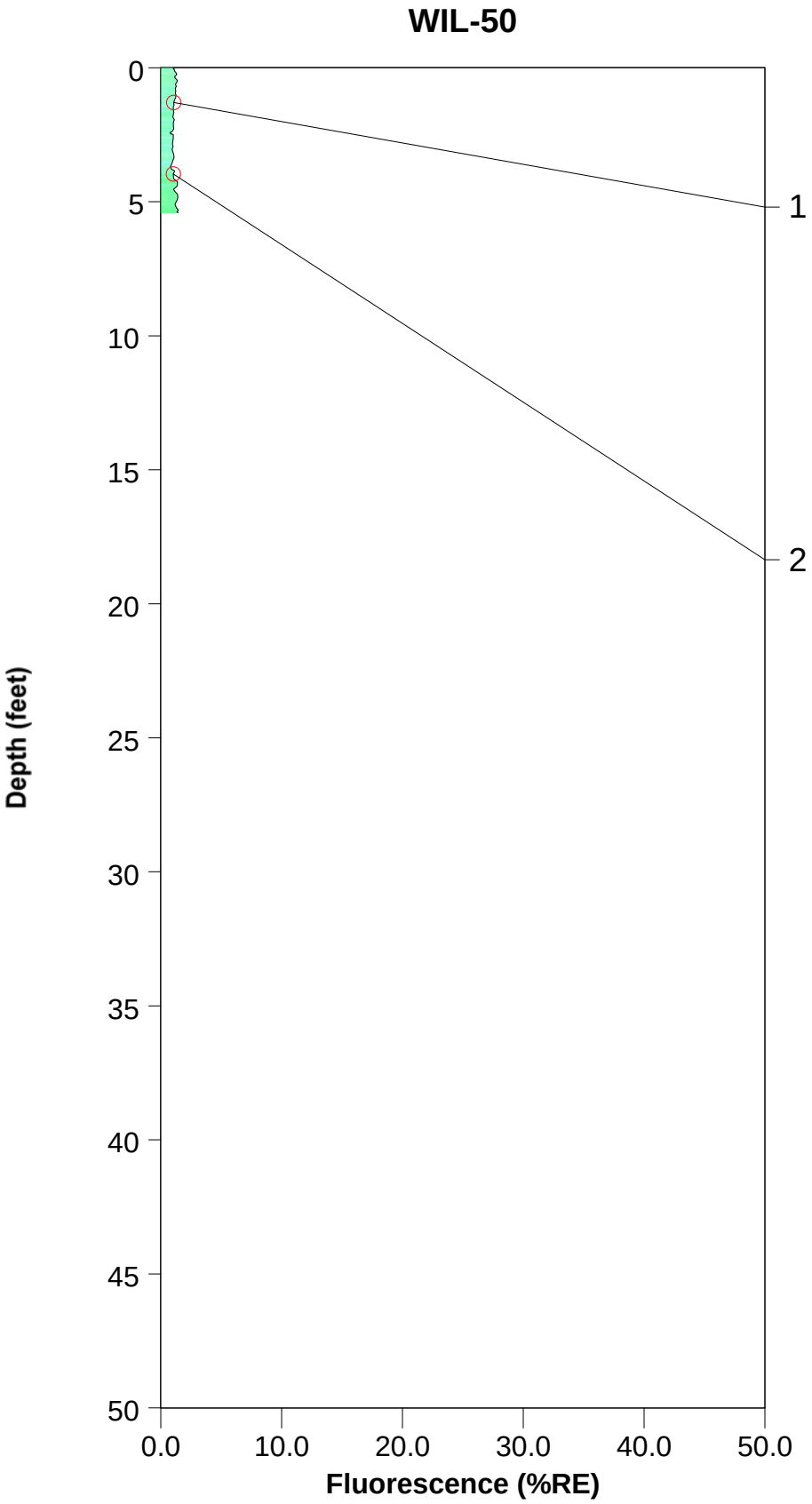
Site: Bristow, OK	Operator: Mitch Parras
Client: Lockheed Martin	Fugro Job #: 04-1915-0058
Date/Time: 12/8/2015 @ 1:47:37 PM	Max fluorescence: 78.02% @ 7.87 ft
ROST Unit: ?	Final depth BGS: 13.07 ft

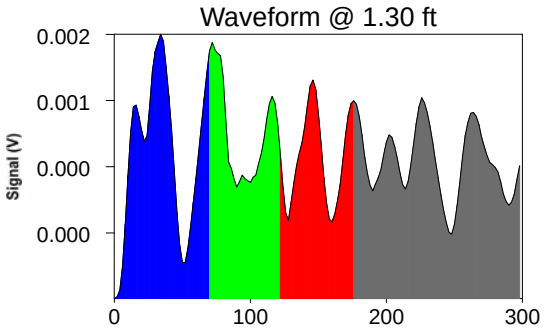
Wil-41

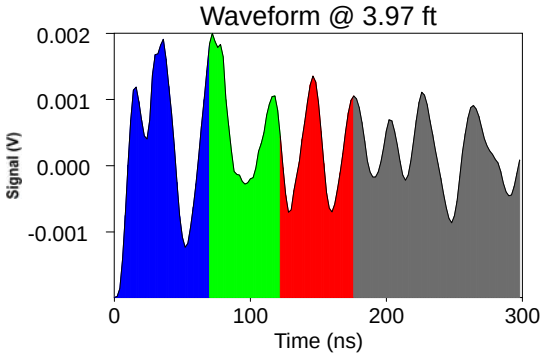


ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 9:35:07 AM	Max fluorescence: 1.45% @ 5.32 ft
ROST Unit: 2	Final depth BGS: 5.41 ft

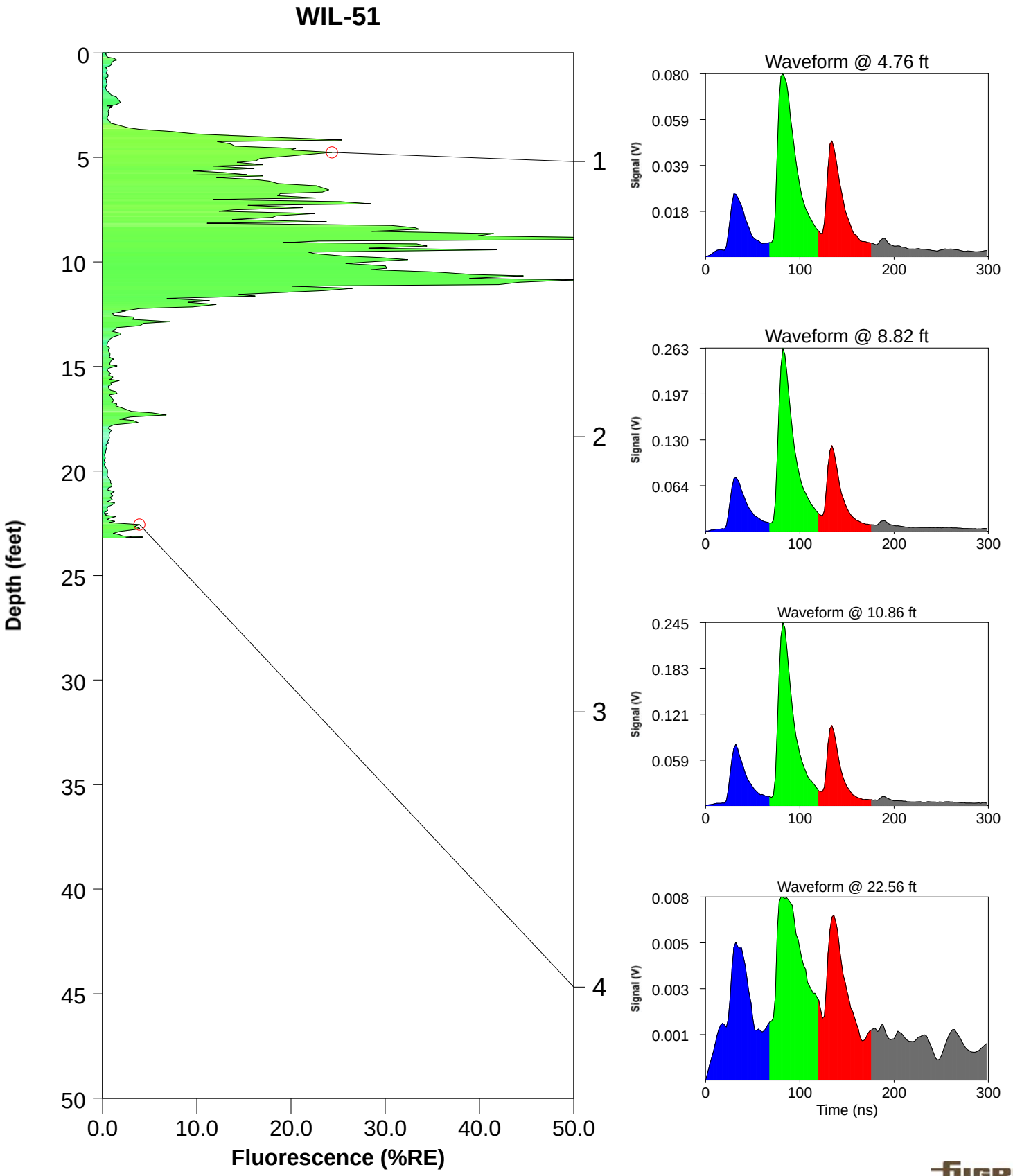






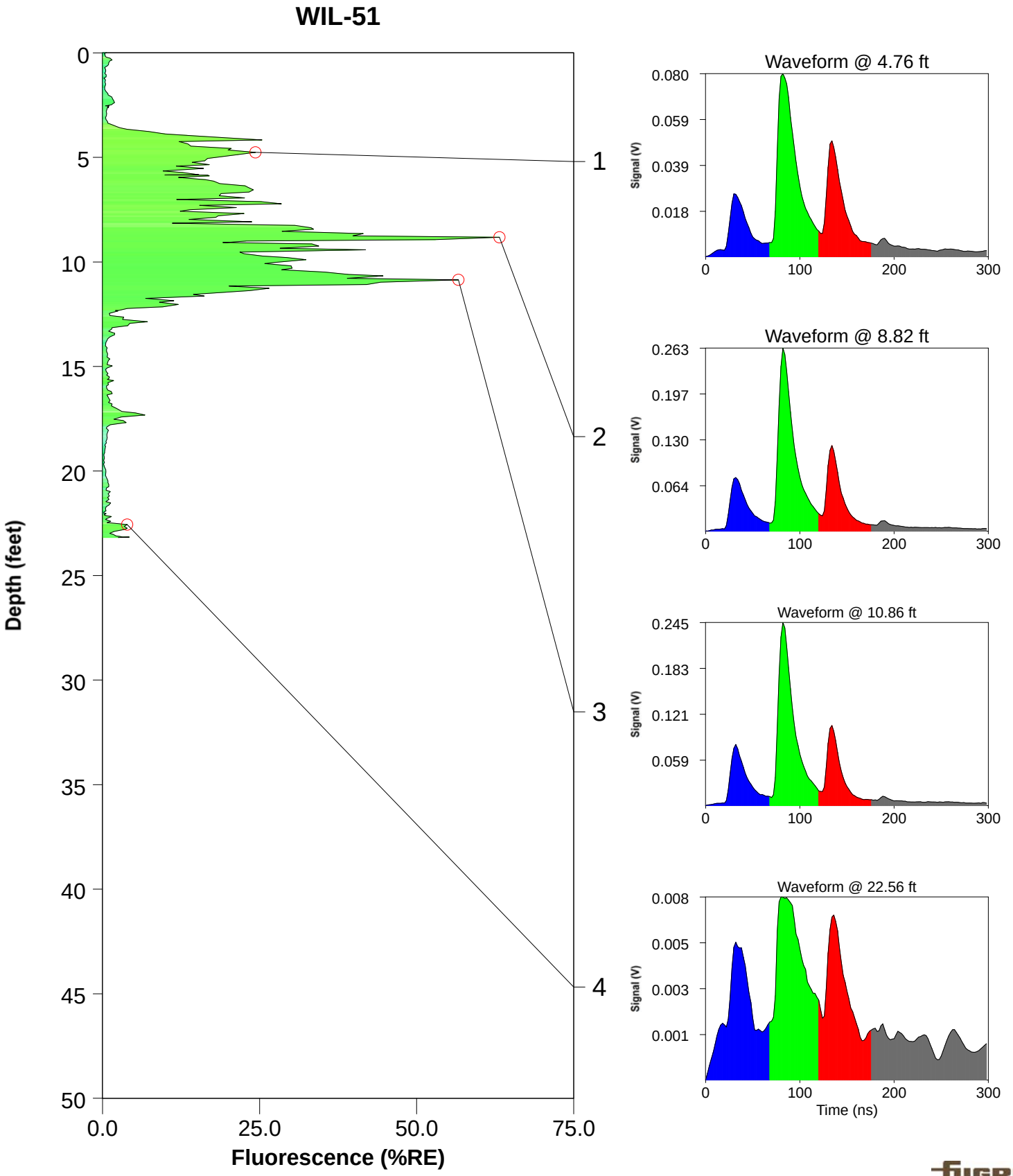
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 9:48:13 AM	Max fluorescence: 63.17% @ 8.82 ft
ROST Unit: 2	Final depth BGS: 23.18 ft



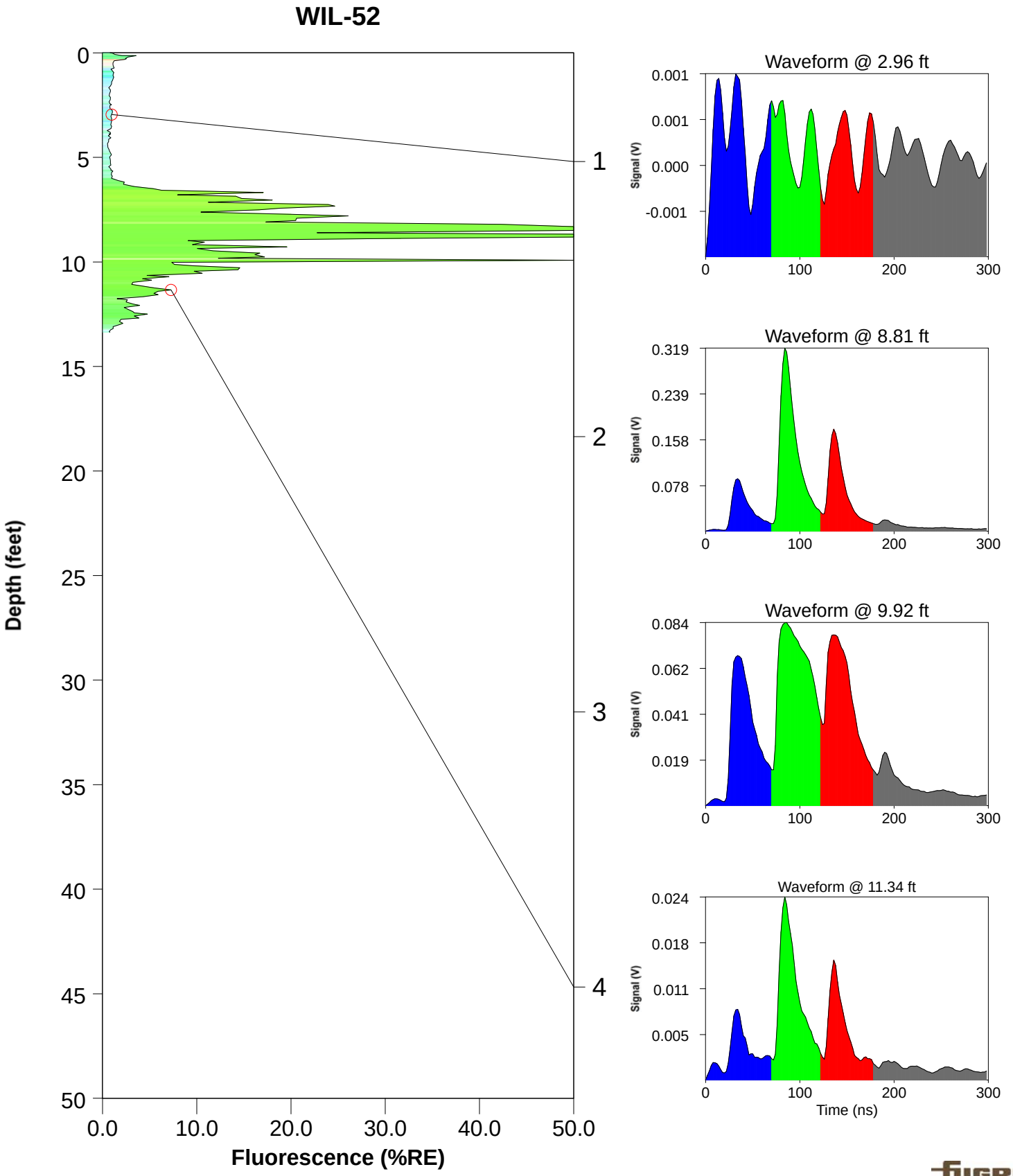
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 9:48:13 AM	Max fluorescence: 63.17% @ 8.82 ft
ROST Unit: 2	Final depth BGS: 23.18 ft



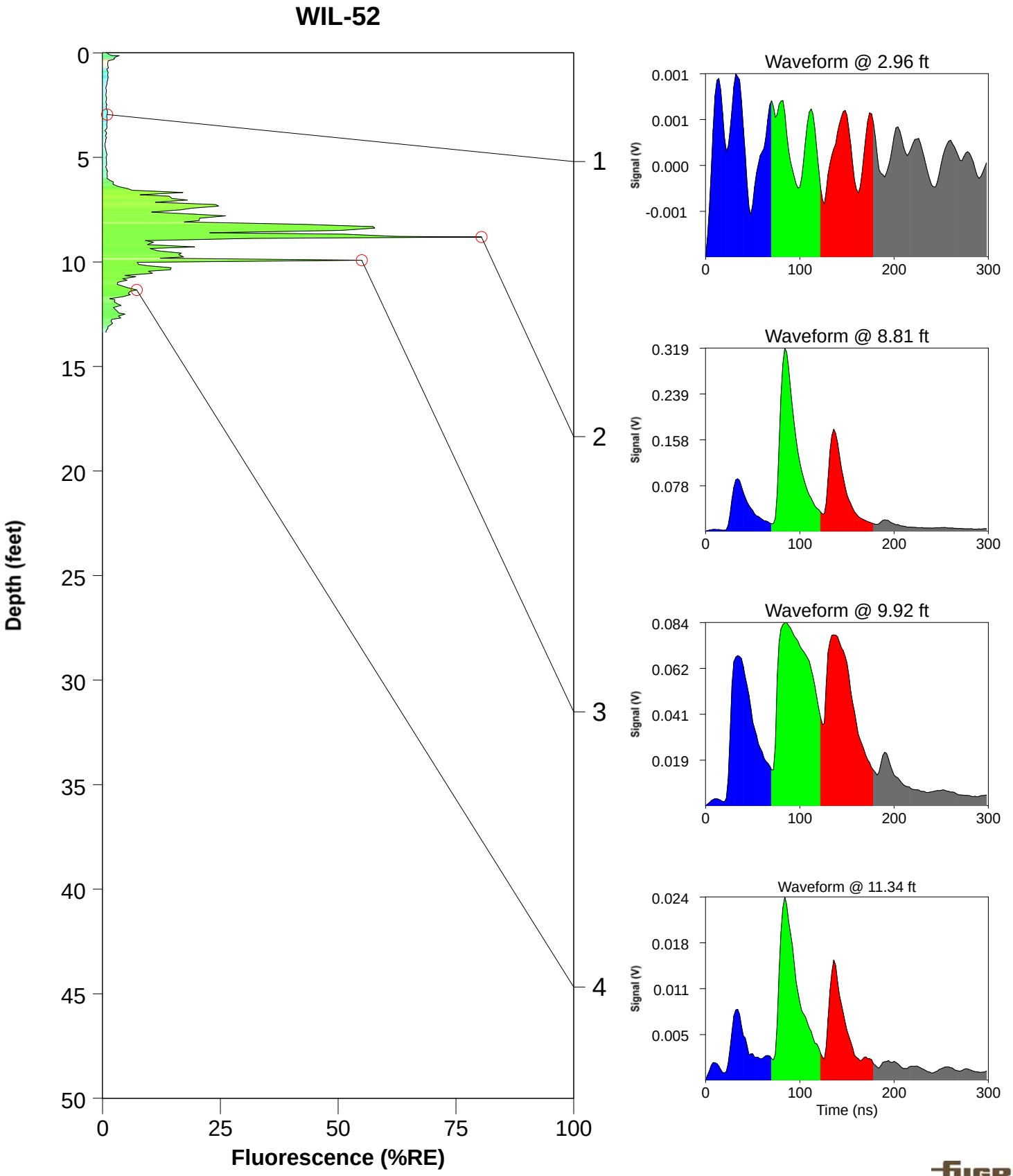
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 10:09:19 AM	Max fluorescence: 80.44% @ 8.81 ft
ROST Unit: 2	Final depth BGS: 13.37 ft



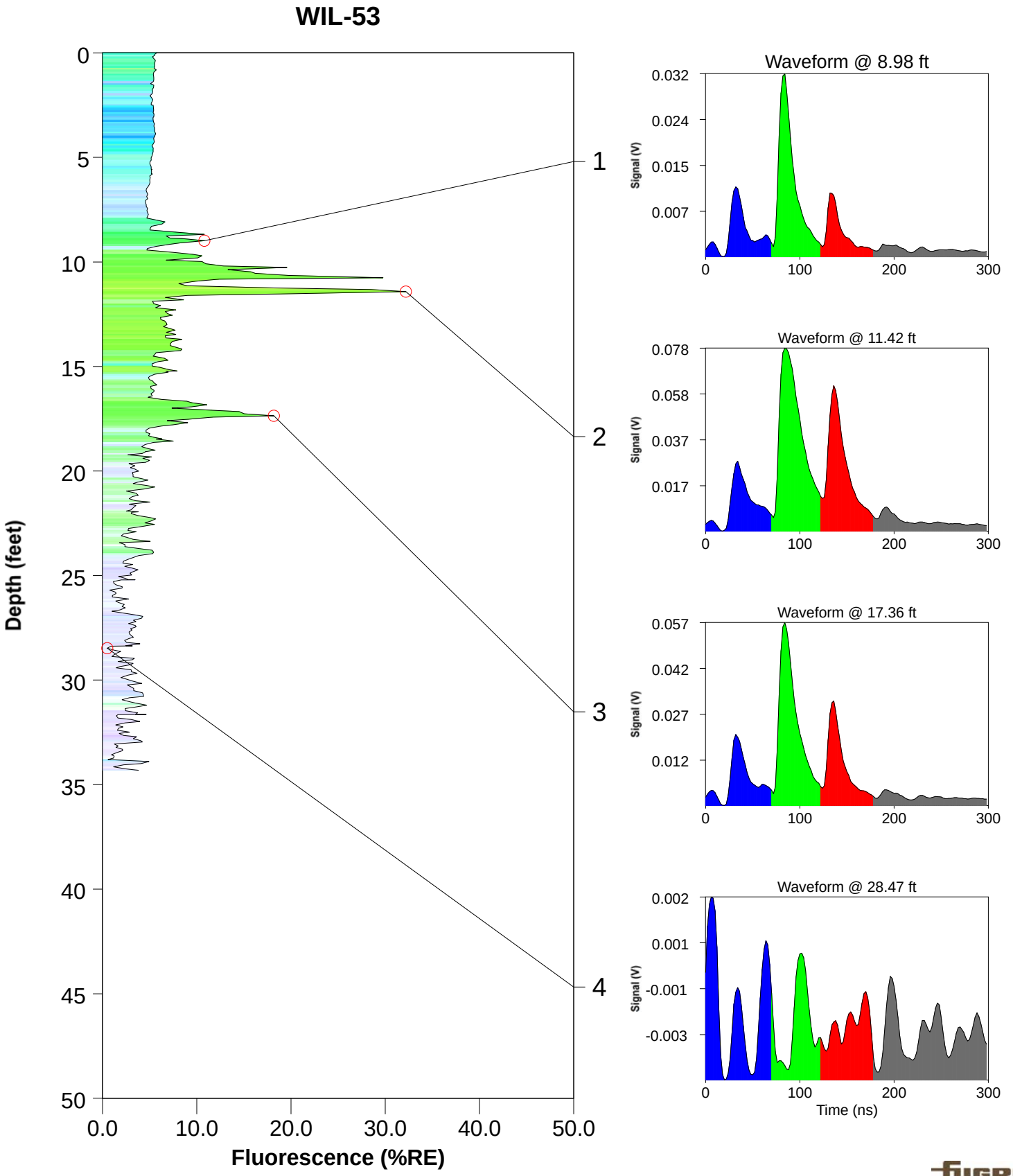
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 10:09:19 AM	Max fluorescence: 80.44% @ 8.81 ft
ROST Unit: 2	Final depth BGS: 13.37 ft



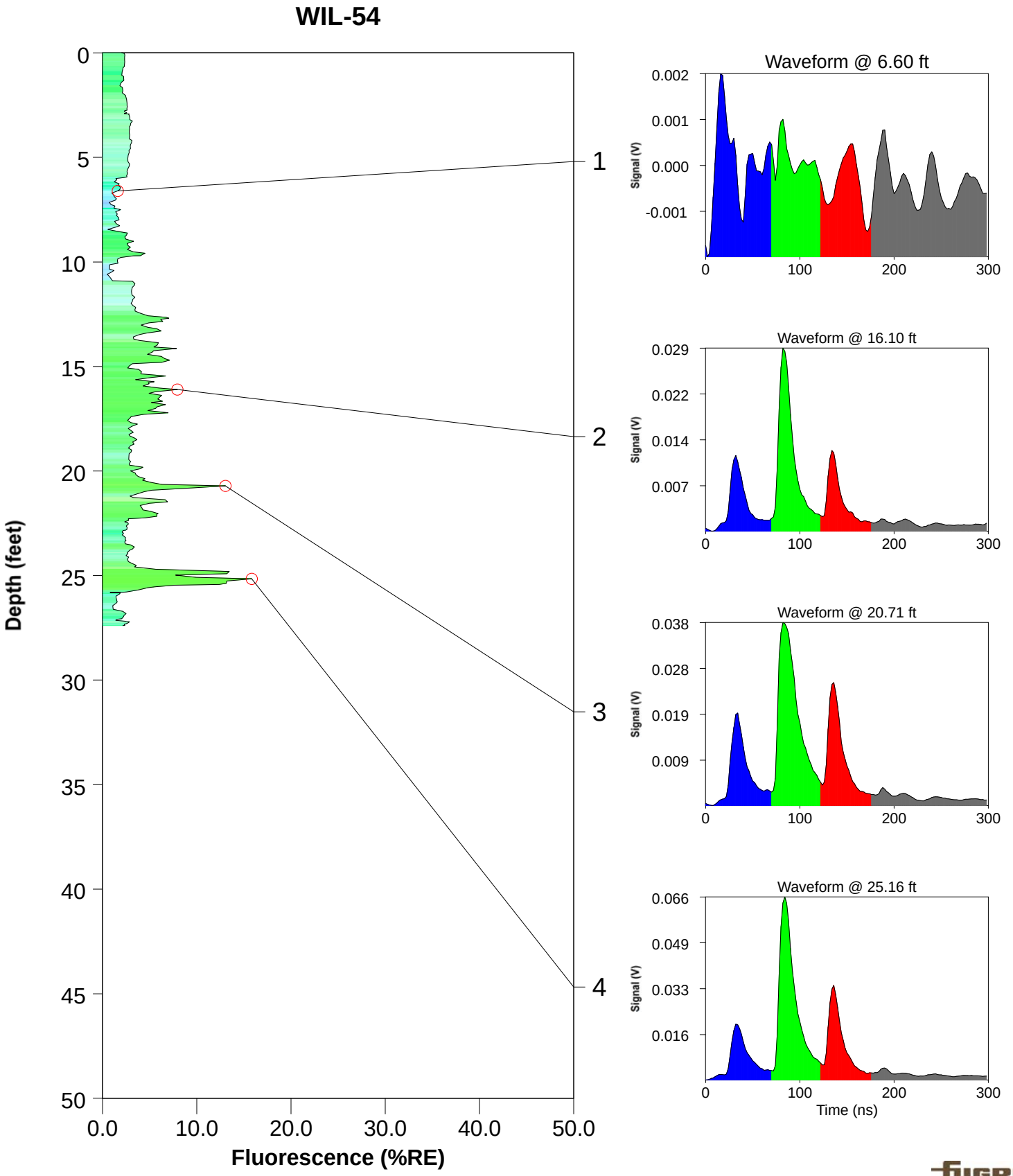
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 10:25:38 AM	Max fluorescence: 32.19% @ 11.42 ft
ROST Unit: 2	Final depth BGS: 34.31 ft



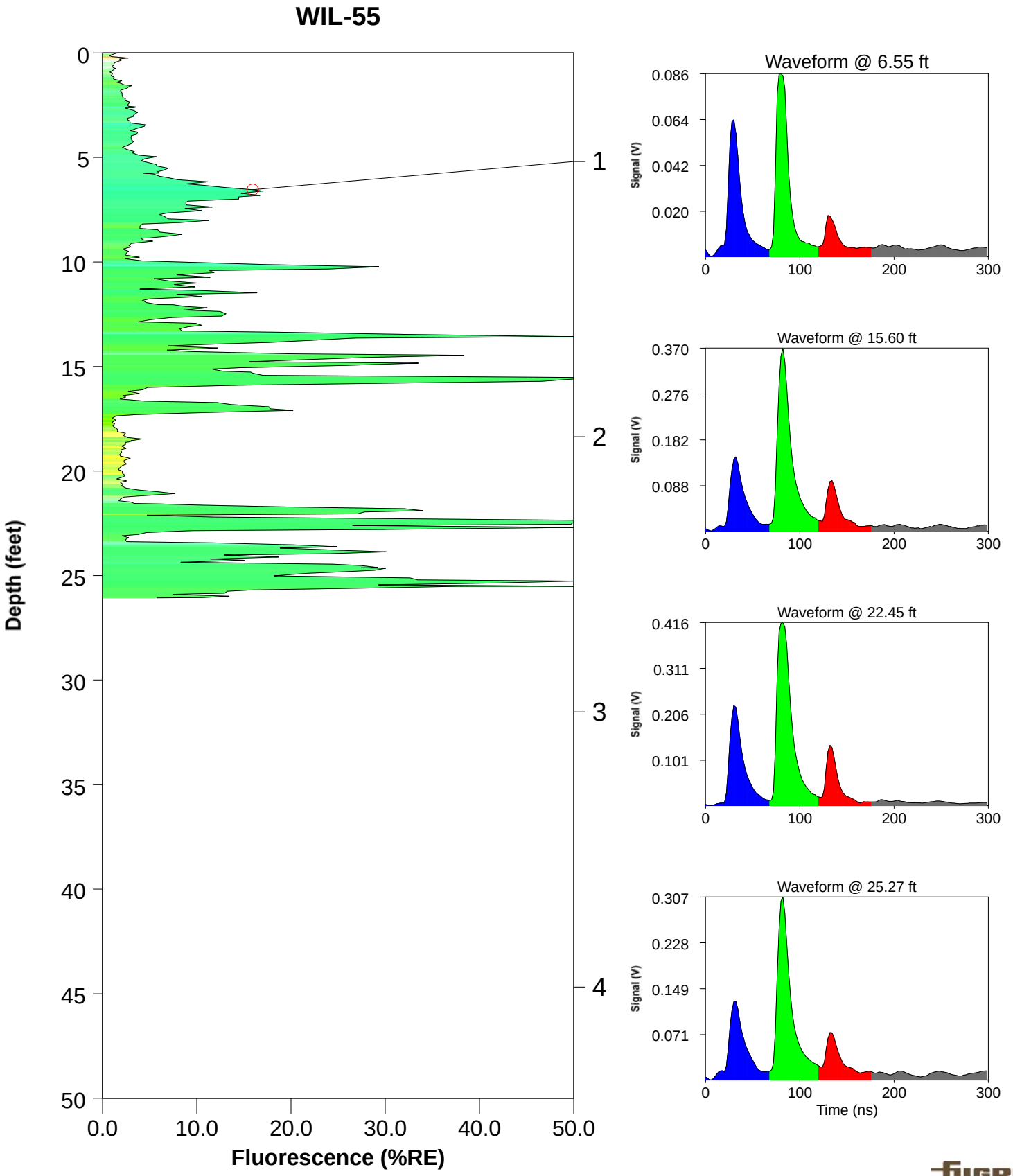
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 11:00:44 AM	Max fluorescence: 15.83% @ 25.16 ft
ROST Unit: 2	Final depth BGS: 27.39 ft



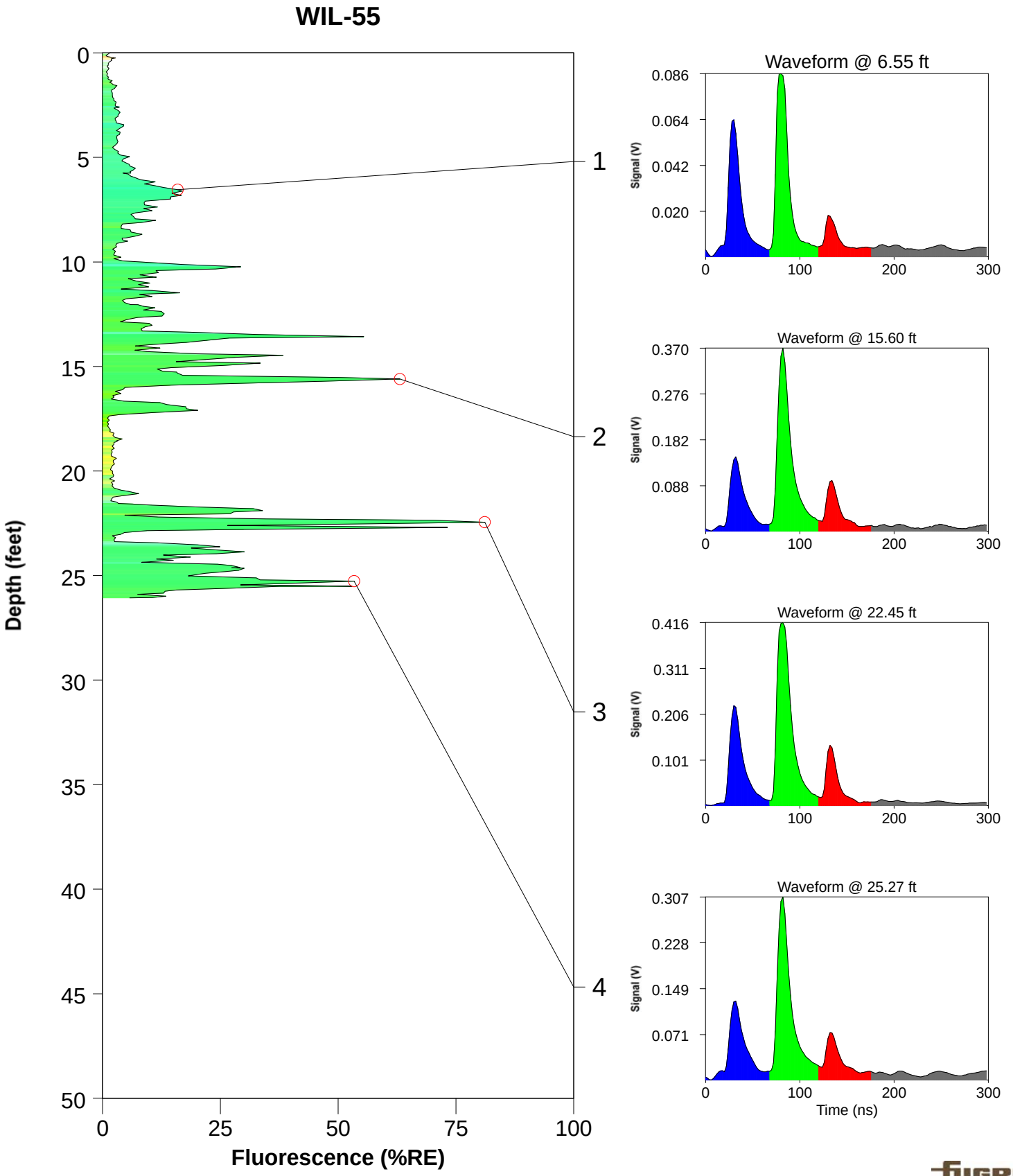
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 3:47:12 PM	Max fluorescence: 81.12% @ 22.45 ft
ROST Unit: 2	Final depth BGS: 26.07 ft



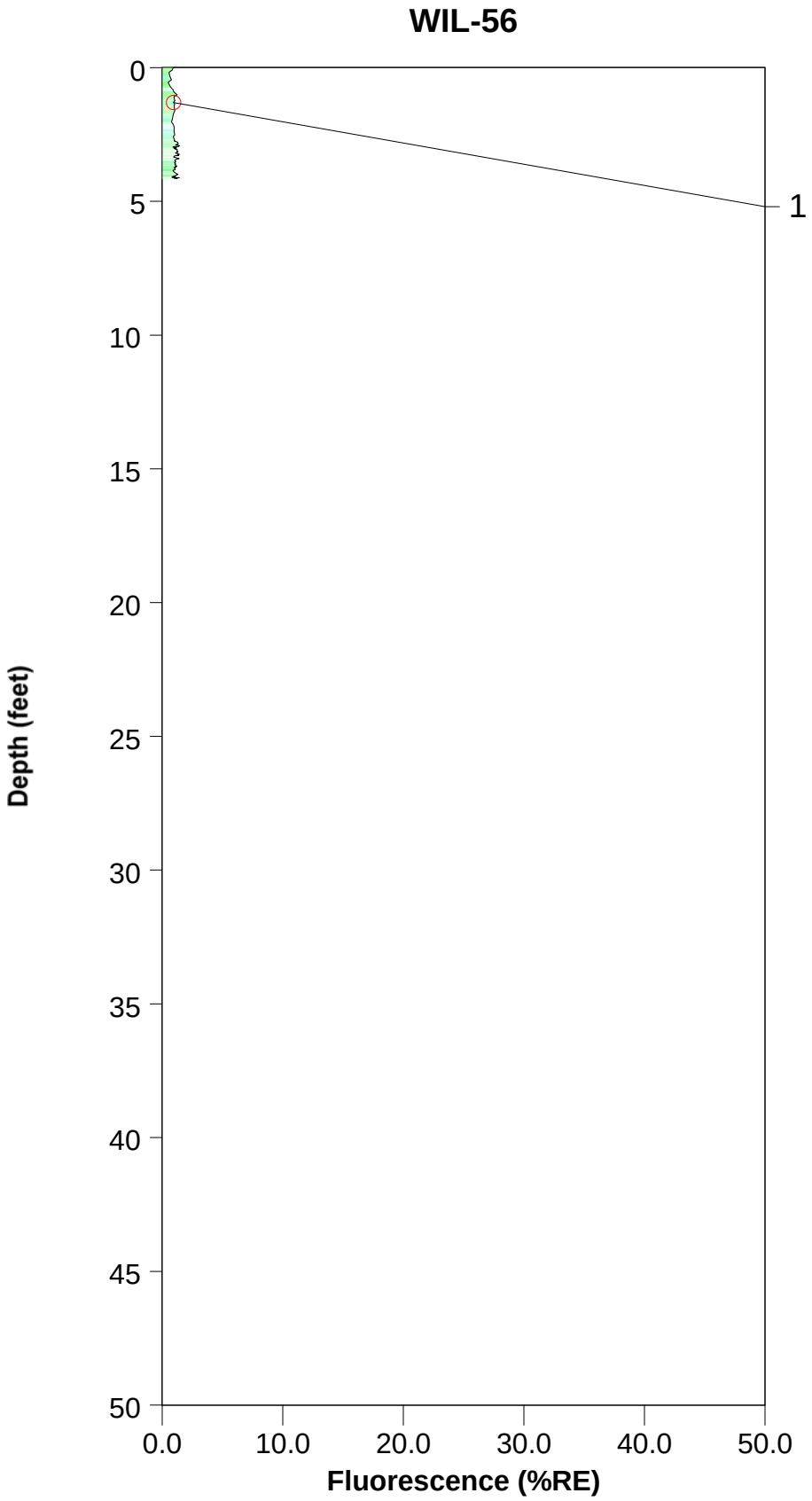
ROST Fluorescence Response Data

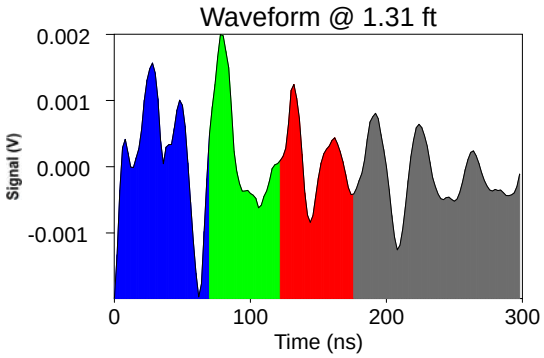
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 3:47:12 PM	Max fluorescence: 81.12% @ 22.45 ft
ROST Unit: 2	Final depth BGS: 26.07 ft



ROST Fluorescence Response Data

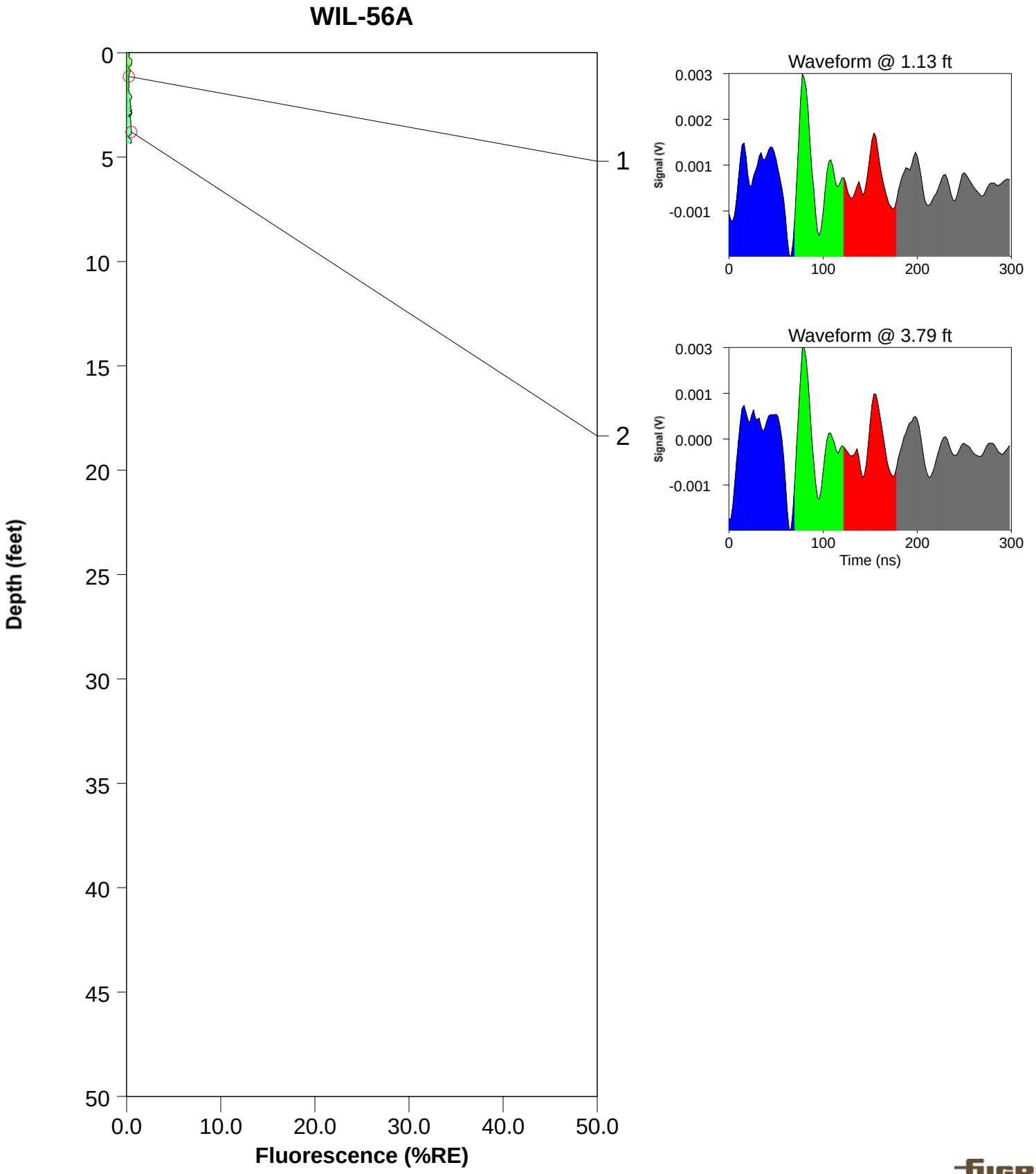
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 12:29:30 PM	Max fluorescence: 1.46% @ 2.93 ft
ROST Unit: 2	Final depth BGS: 4.16 ft





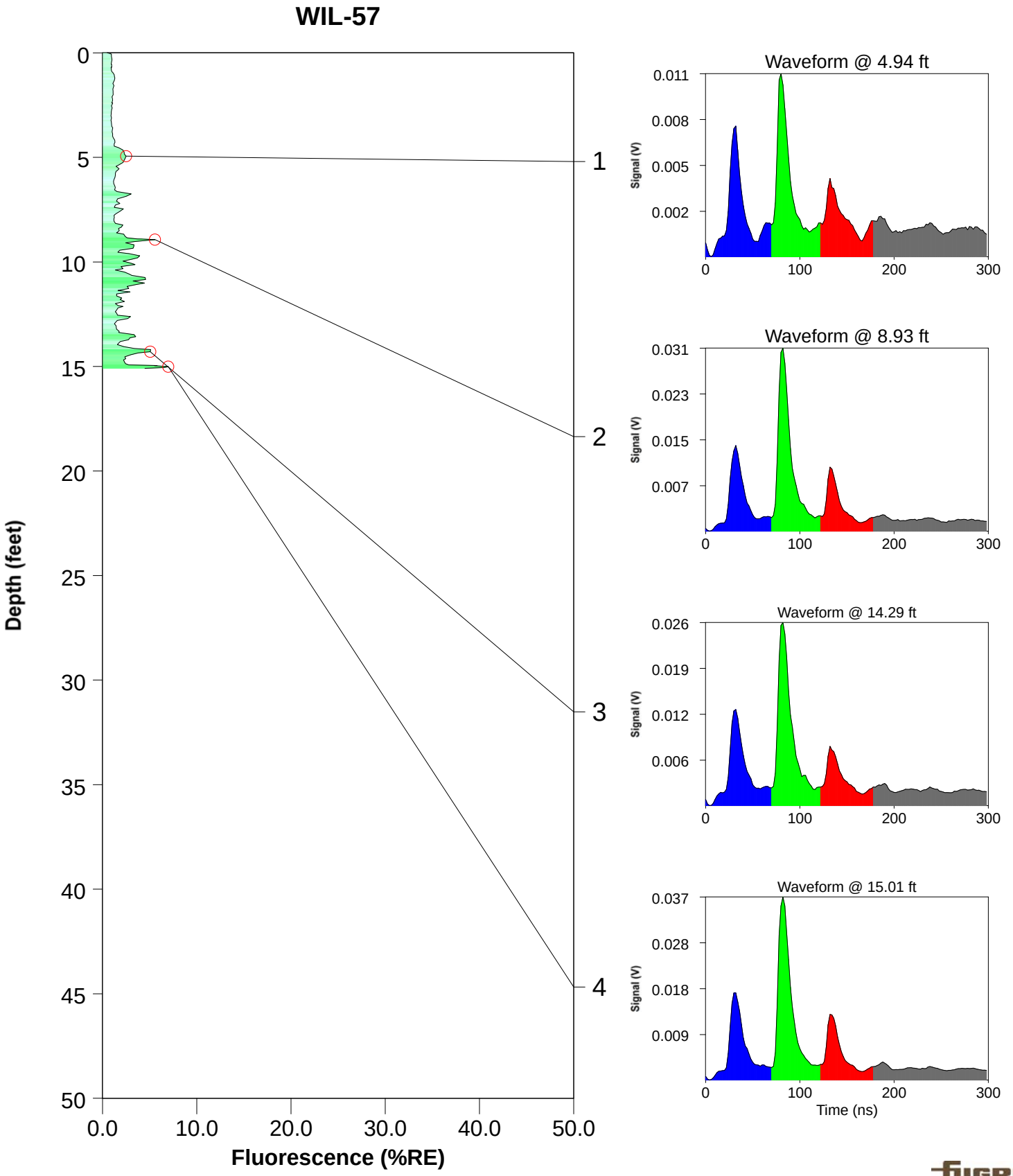
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 12:51:11 PM	Max fluorescence: 0.58% @ 2.92 ft
ROST Unit: 2	Final depth BGS: 4.34 ft



ROST Fluorescence Response Data

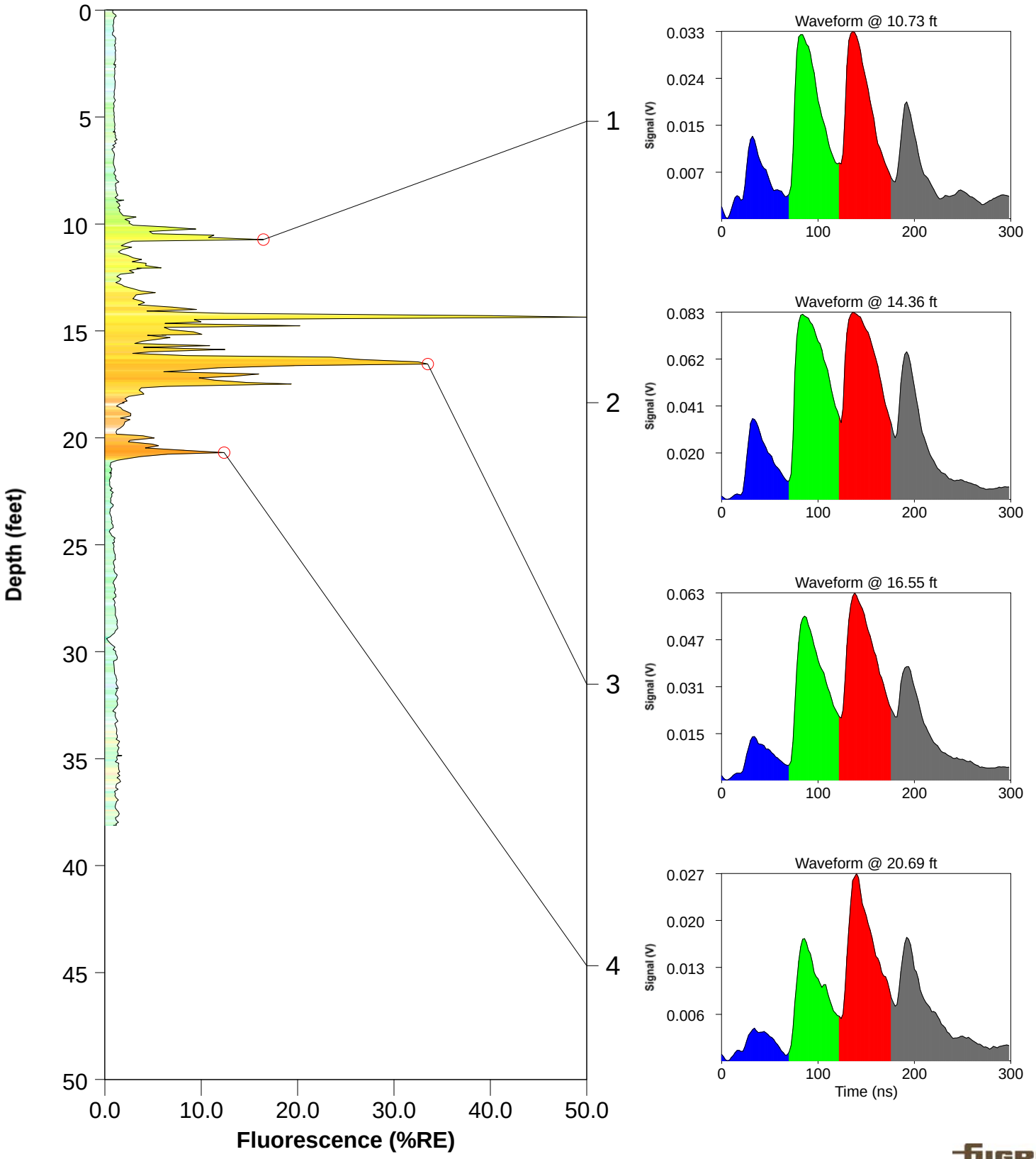
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 11:32:42 AM	Max fluorescence: 6.97% @ 15.01 ft
ROST Unit: 2	Final depth BGS: 15.09 ft



ROST Fluorescence Response Data

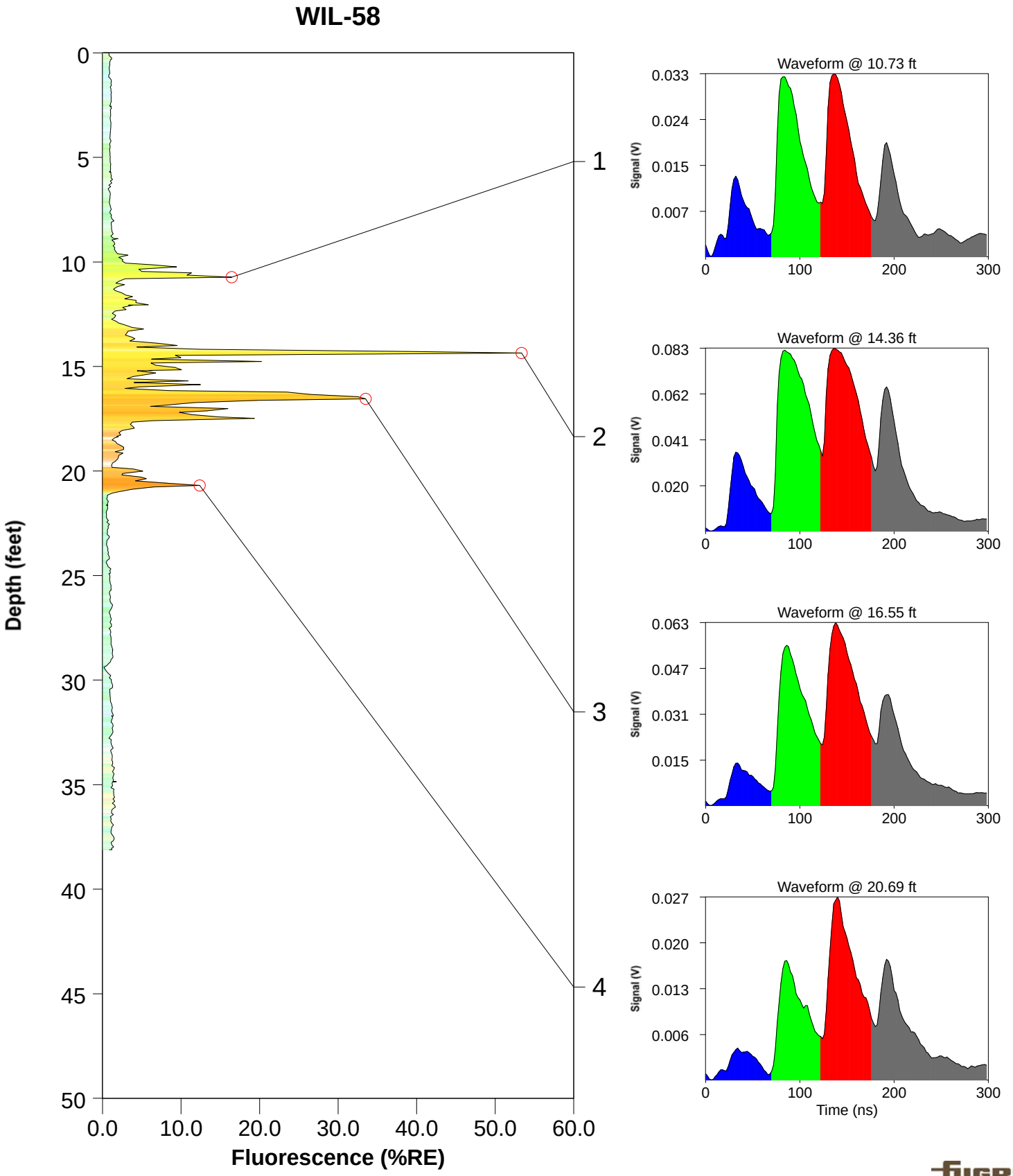
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 3:16:18 PM	Max fluorescence: 53.36% @ 14.36 ft
ROST Unit: 2	Final depth BGS: 38.11 ft

WIL-58



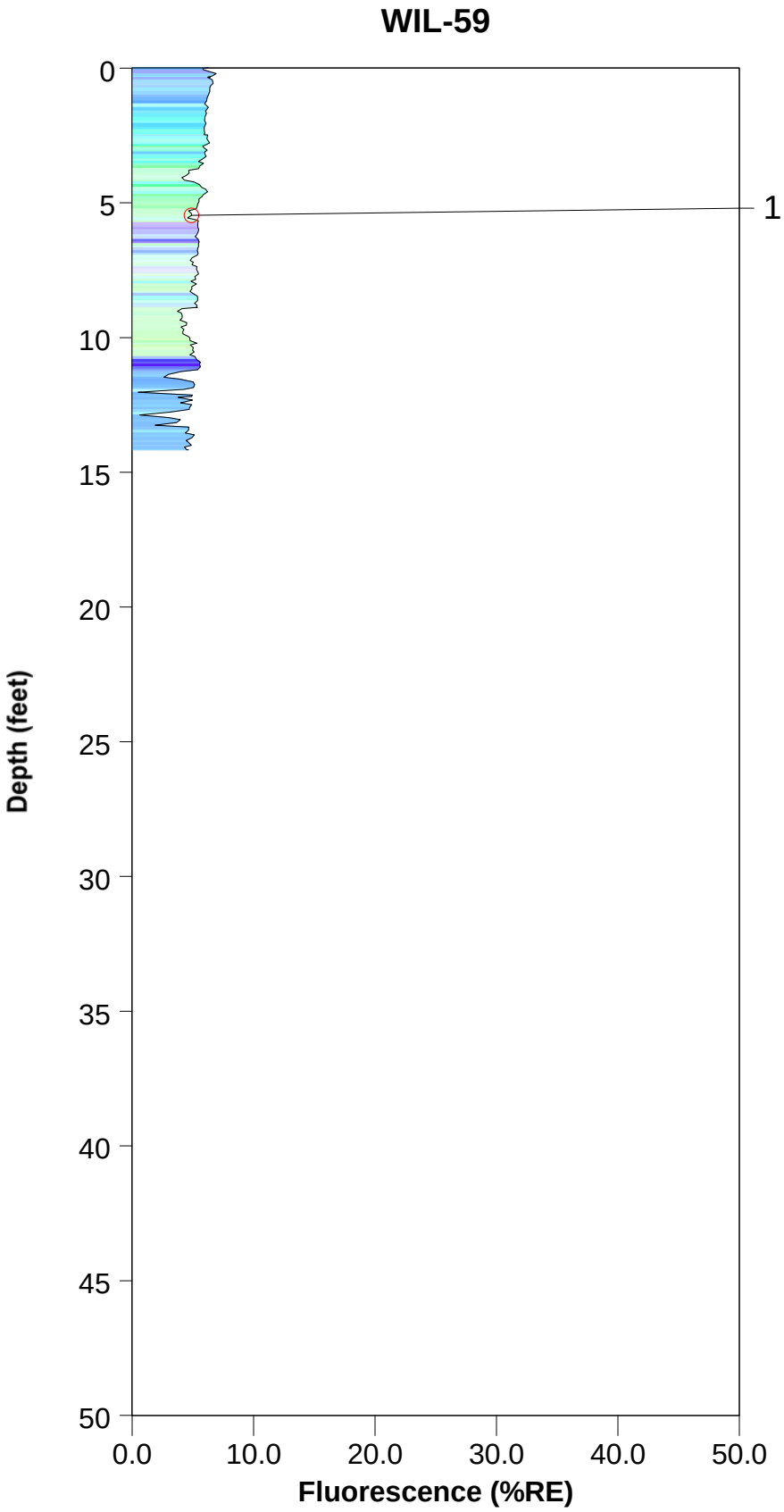
ROST Fluorescence Response Data

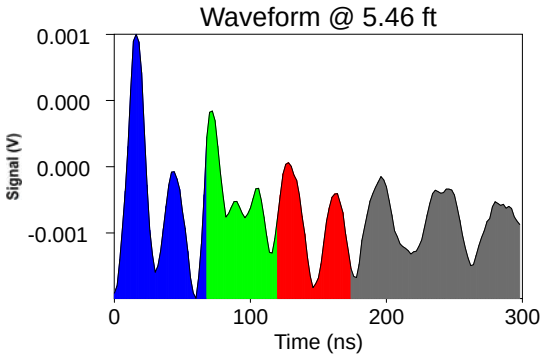
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 3:16:18 PM	Max fluorescence: 53.36% @ 14.36 ft
ROST Unit: 2	Final depth BGS: 38.11 ft



ROST Fluorescence Response Data

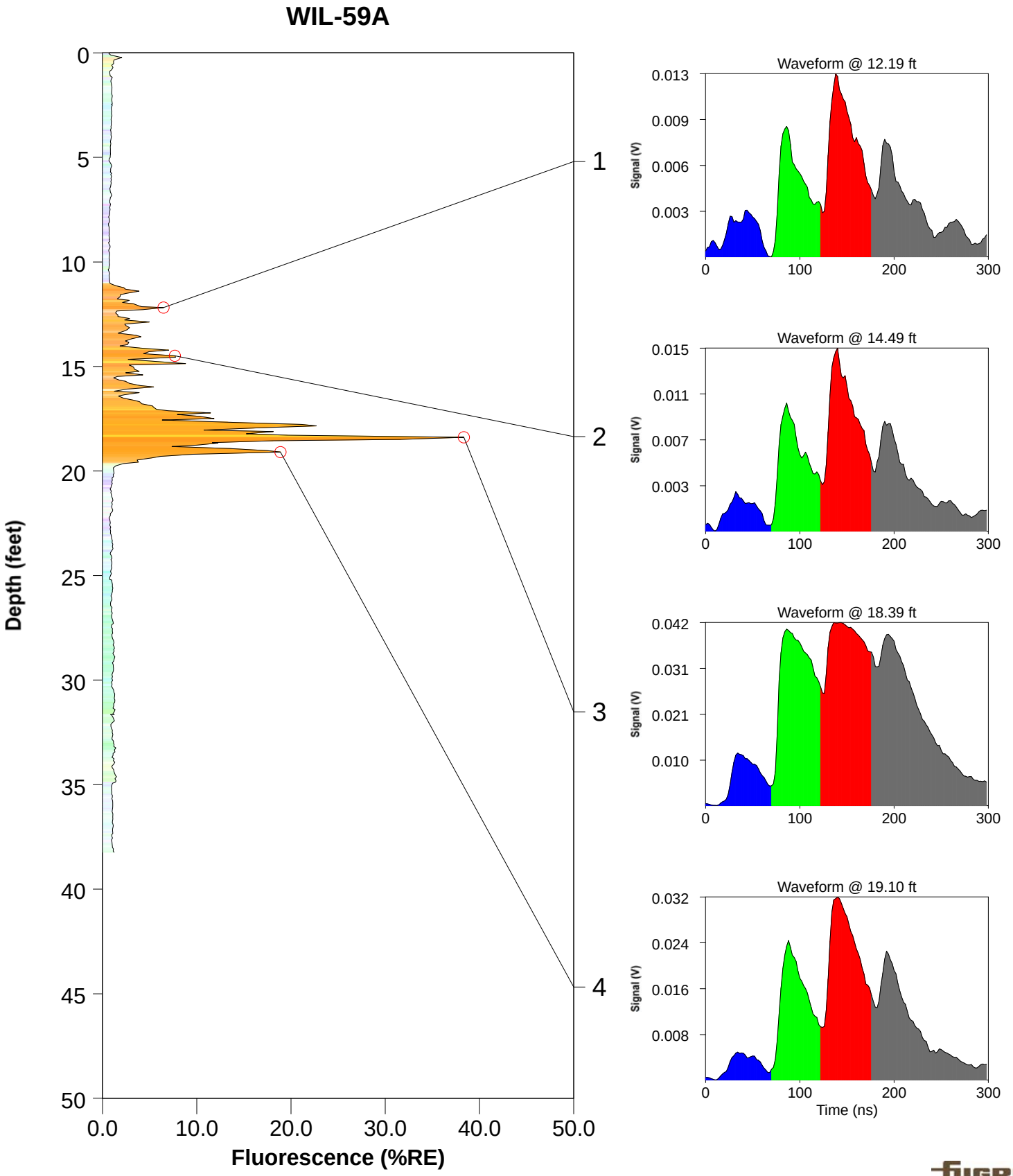
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 2:31:01 PM	Max fluorescence: 6.92% @ 0.21 ft
ROST Unit: 2	Final depth BGS: 14.17 ft





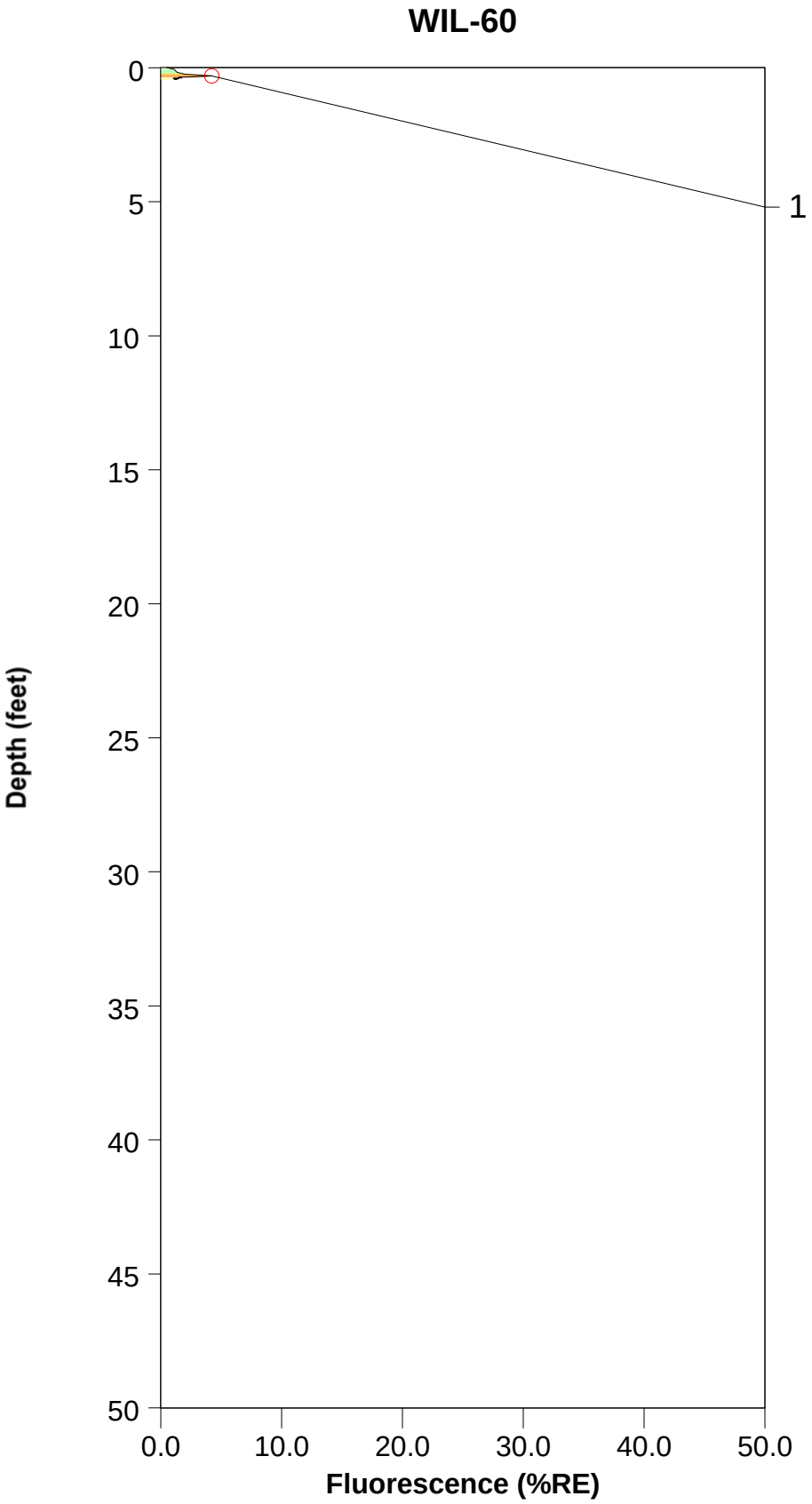
ROST Fluorescence Response Data

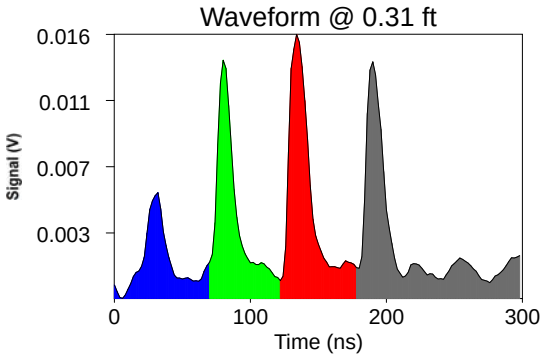
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 2:45:20 PM	Max fluorescence: 38.34% @ 18.39 ft
ROST Unit: 2	Final depth BGS: 38.24 ft



ROST Fluorescence Response Data

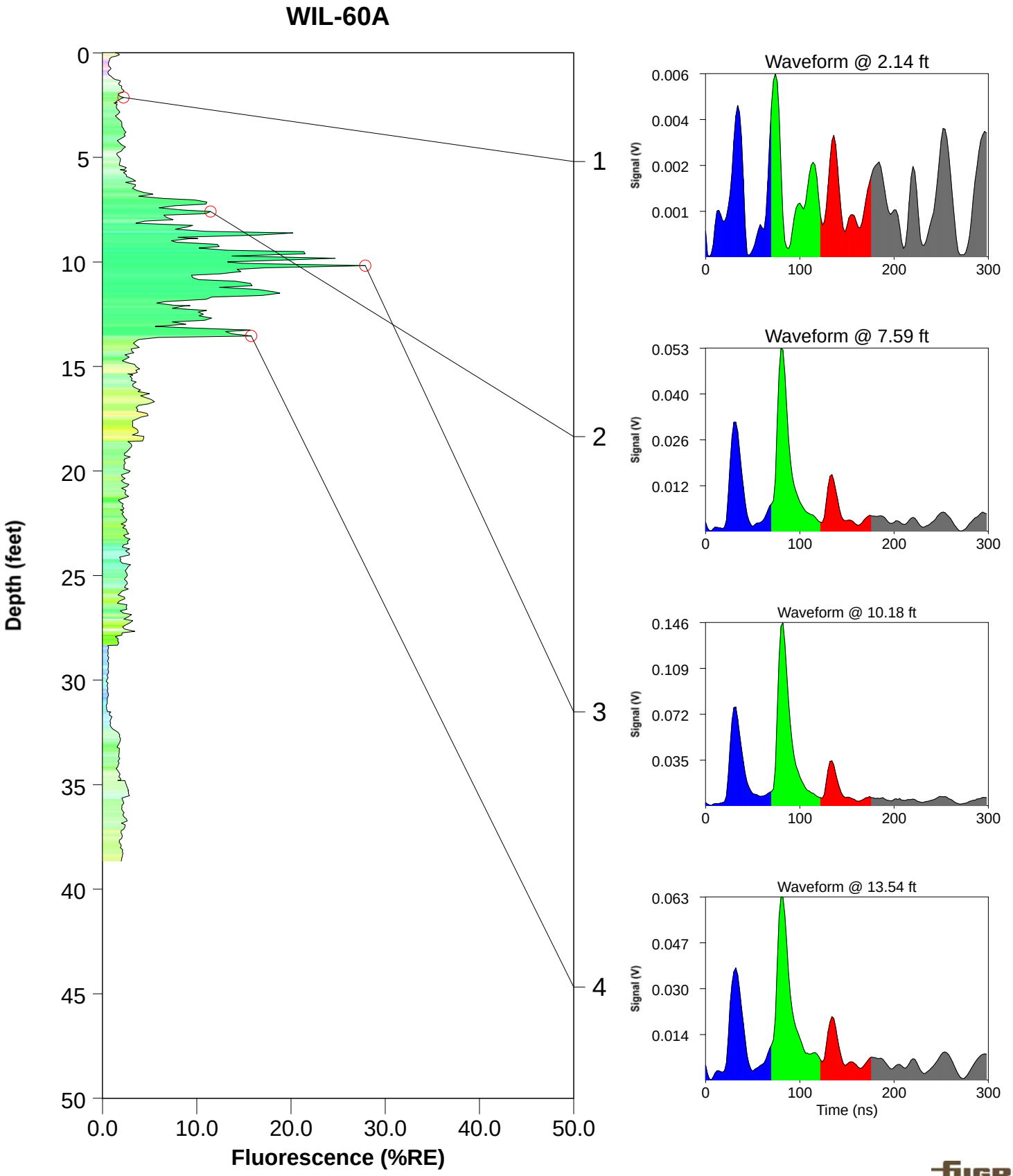
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 1:59:36 PM	Max fluorescence: 4.22% @ 0.31 ft
ROST Unit: 2	Final depth BGS: 0.43 ft





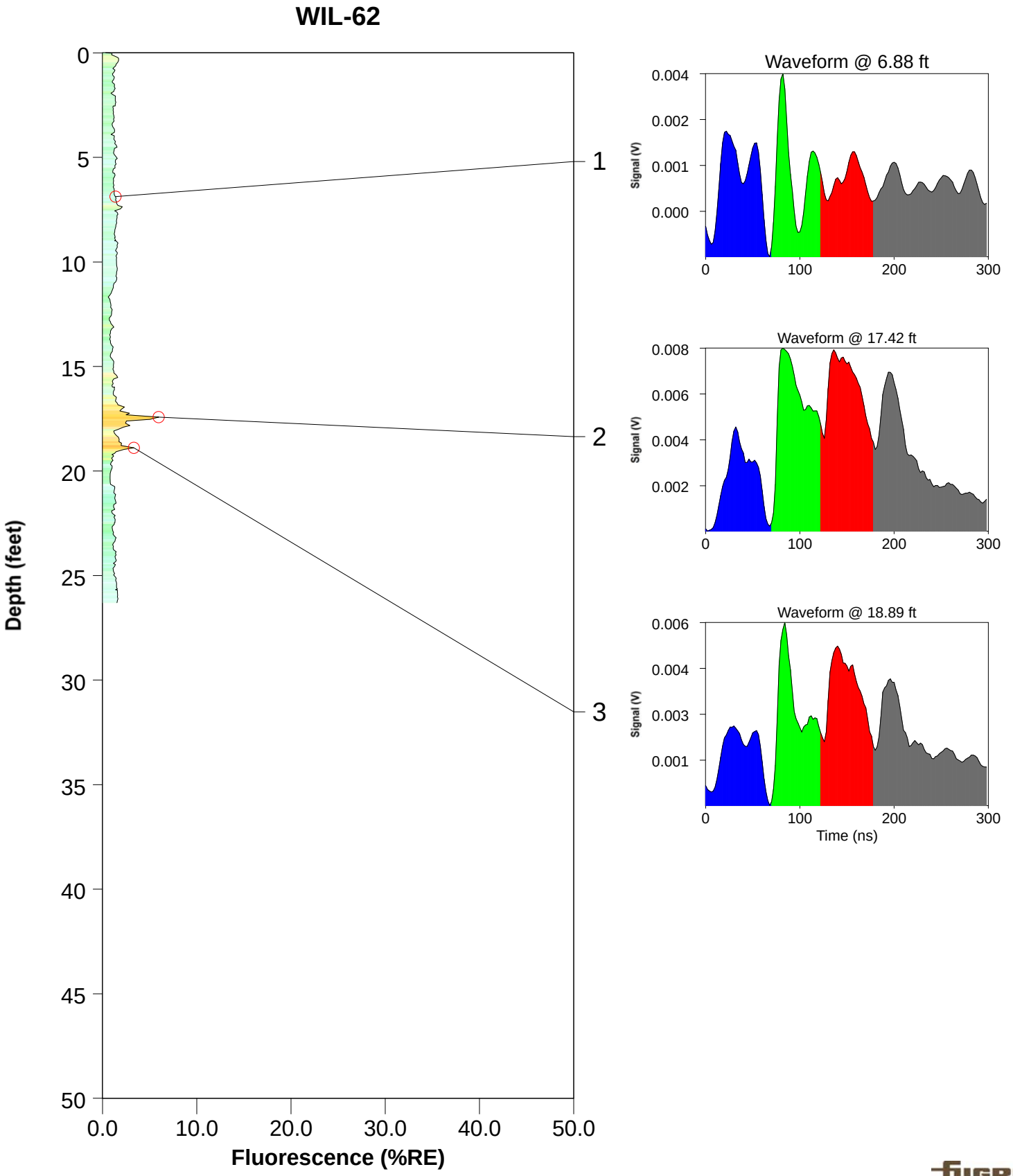
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 2:04:31 PM	Max fluorescence: 27.88% @ 10.18 ft
ROST Unit: 2	Final depth BGS: 38.65 ft



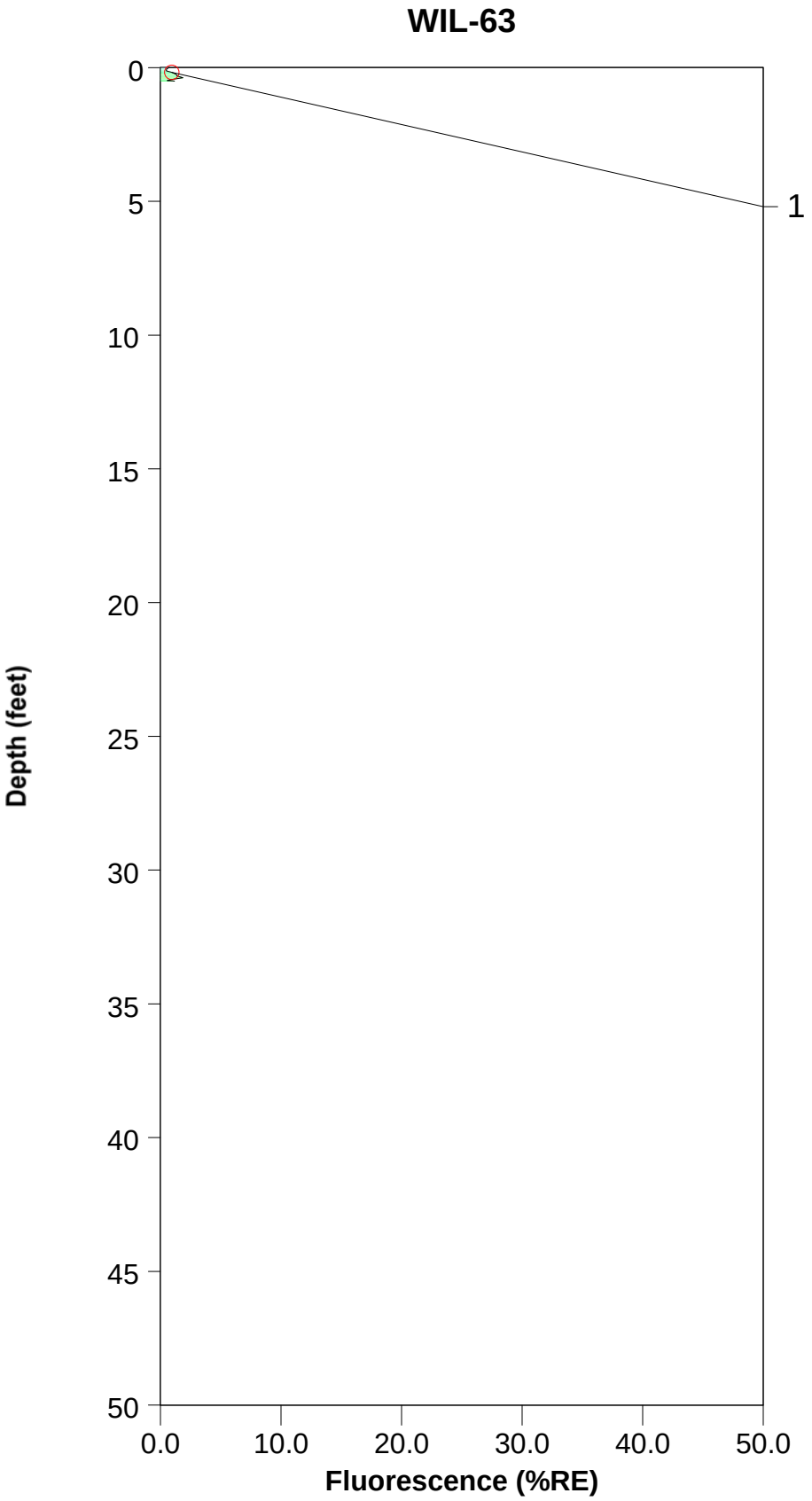
ROST Fluorescence Response Data

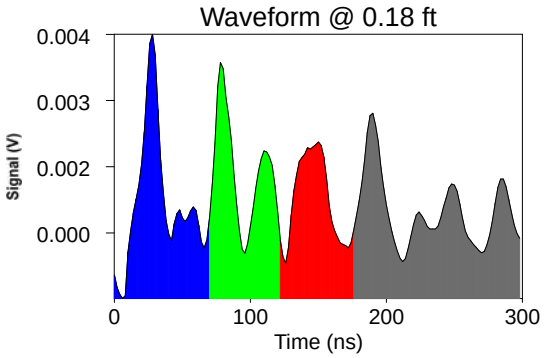
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 1:18:26 PM	Max fluorescence: 5.95% @ 17.42 ft
ROST Unit: 2	Final depth BGS: 26.30 ft



ROST Fluorescence Response Data

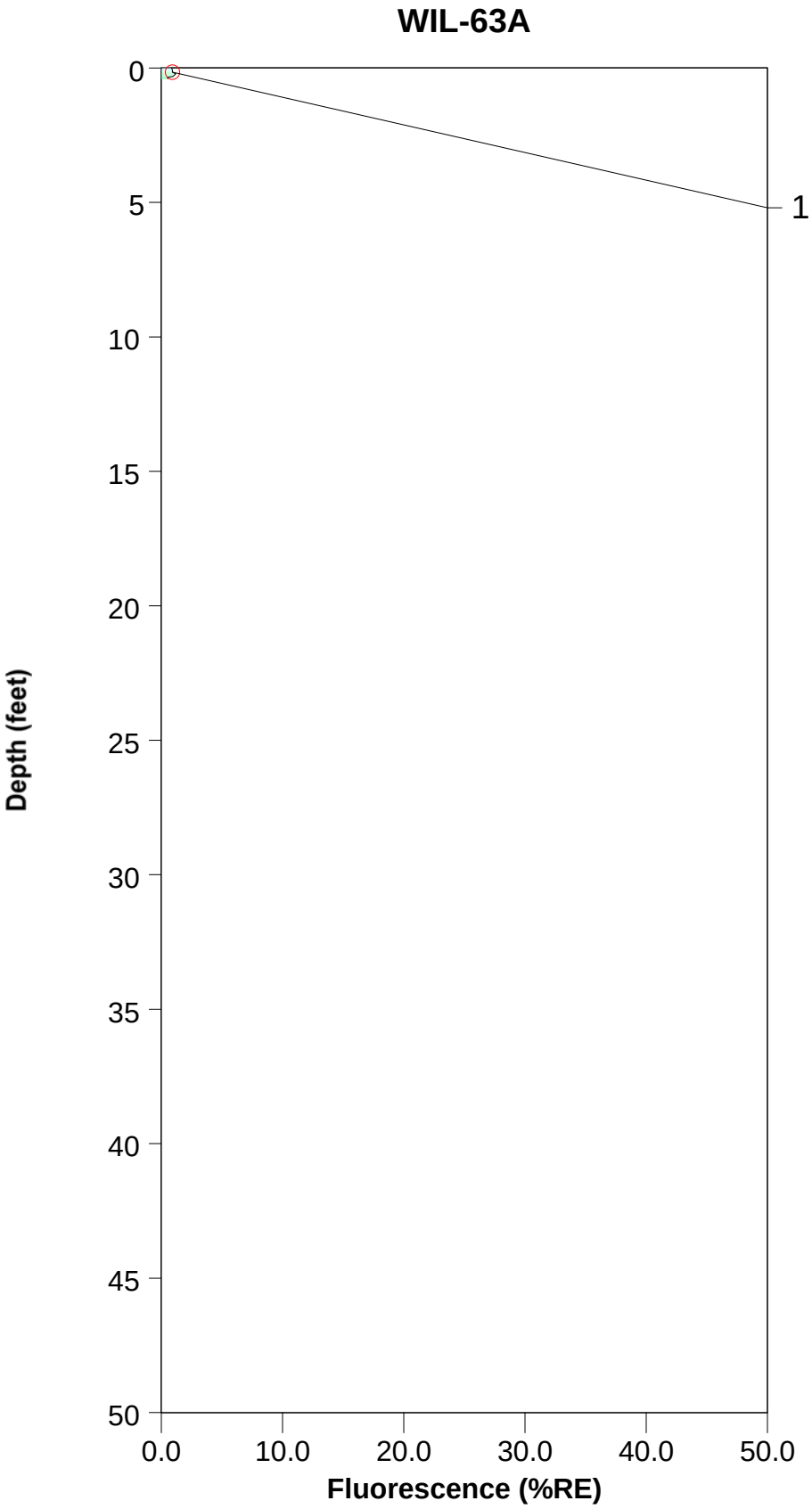
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 1:42:29 PM	Max fluorescence: 1.86% @ 0.38 ft
ROST Unit: 2	Final depth BGS: 0.51 ft

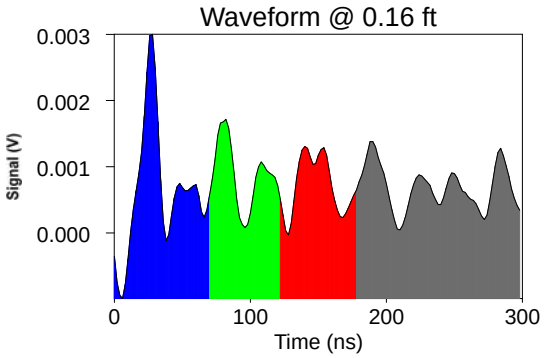




ROST Fluorescence Response Data

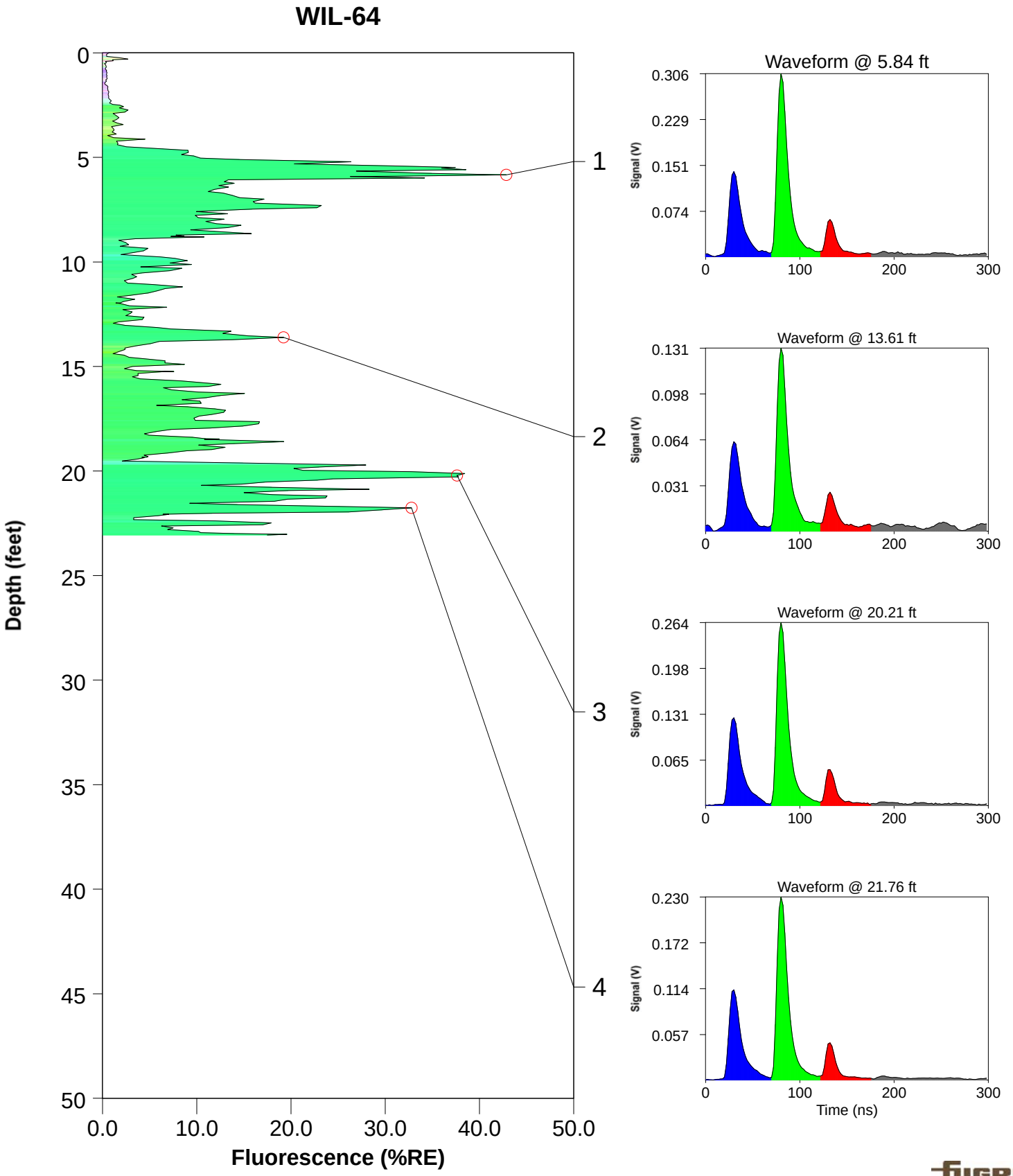
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 1:47:38 PM	Max fluorescence: 1.19% @ 0.22 ft
ROST Unit: 2	Final depth BGS: 0.40 ft





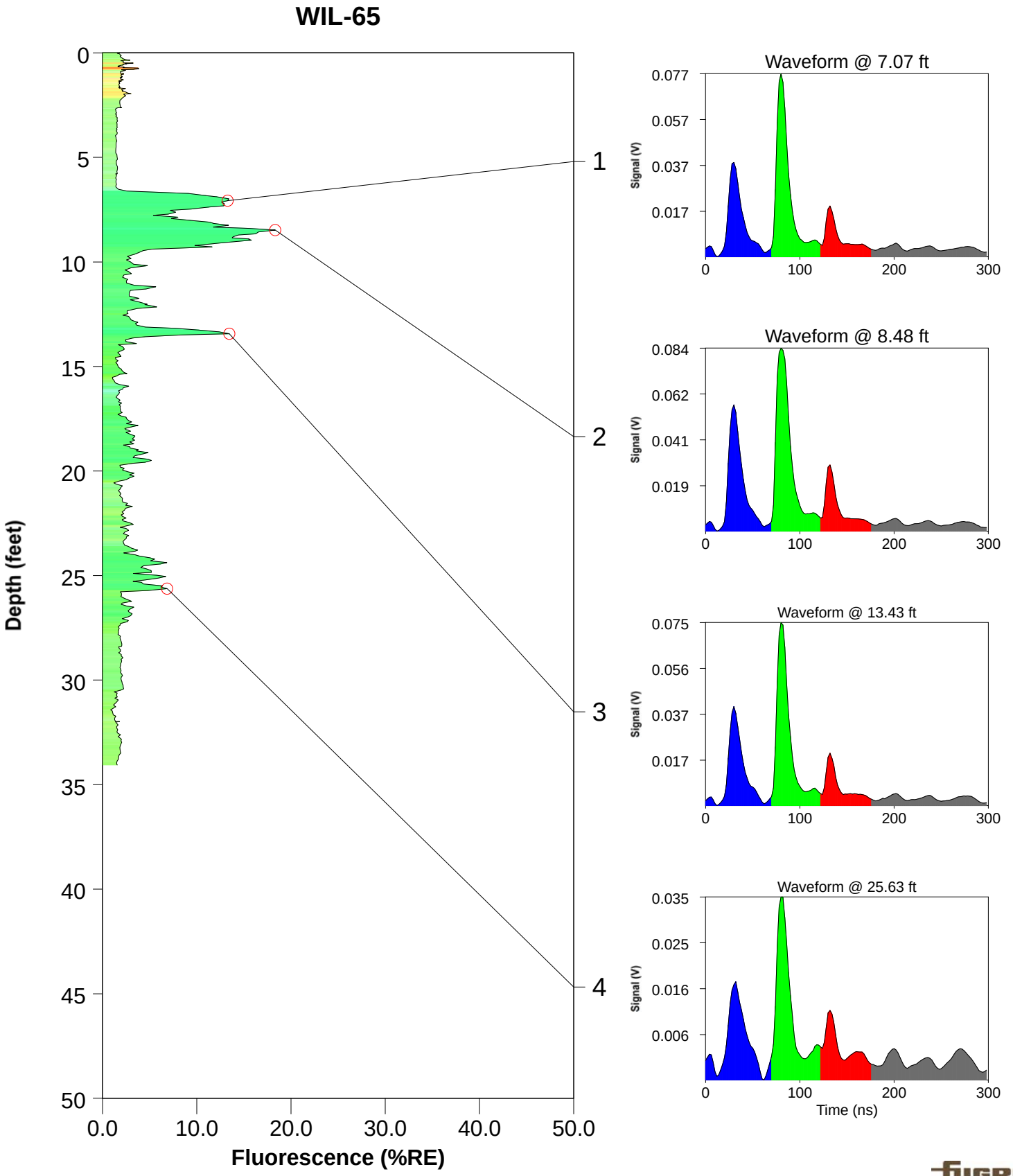
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/12/2015 @ 4:12:35 PM	Max fluorescence: 42.84% @ 5.84 ft
ROST Unit: 2	Final depth BGS: 23.07 ft



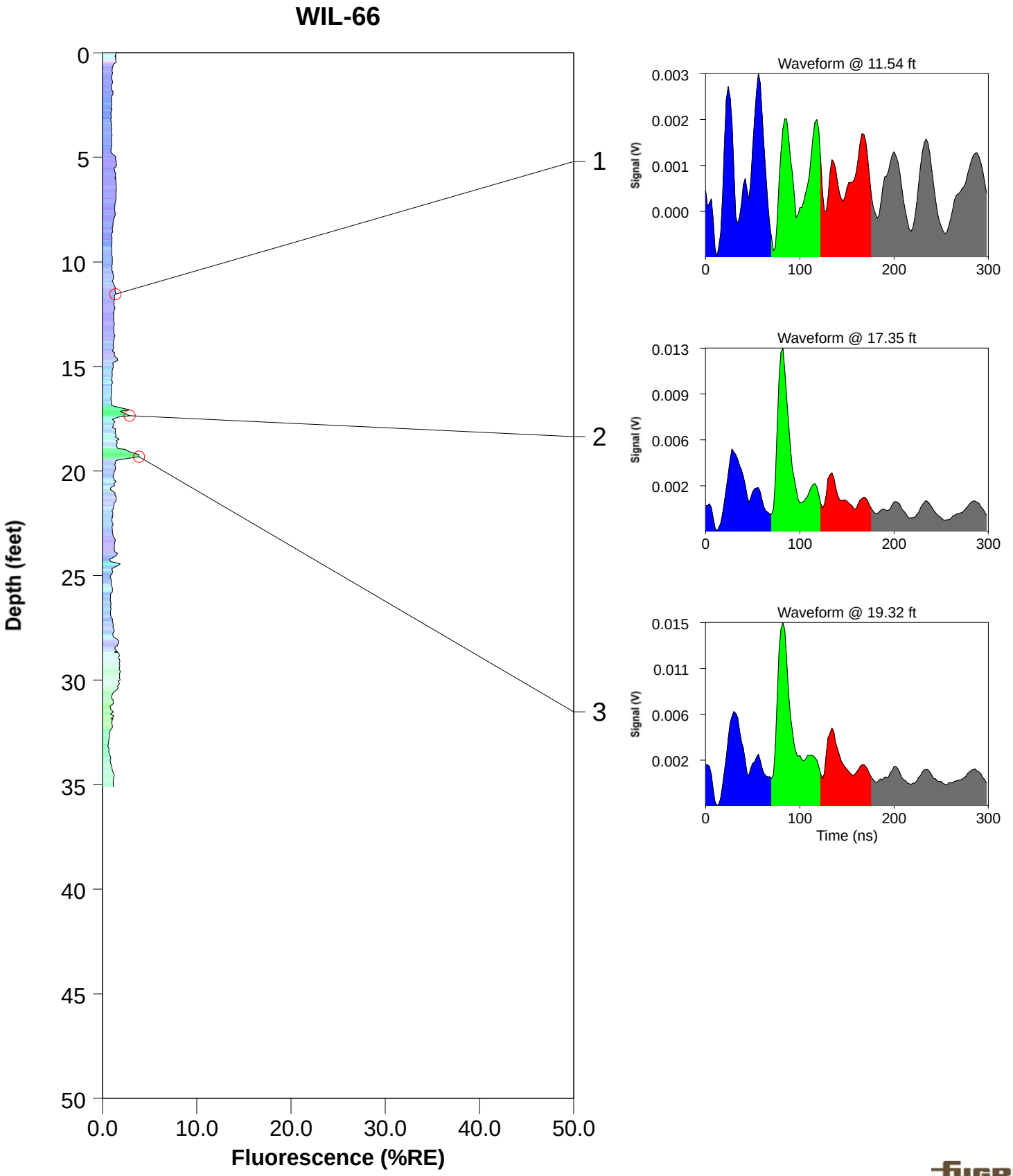
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/13/2015 @ 8:57:19 AM	Max fluorescence: 18.32% @ 8.48 ft
ROST Unit: 2	Final depth BGS: 34.06 ft



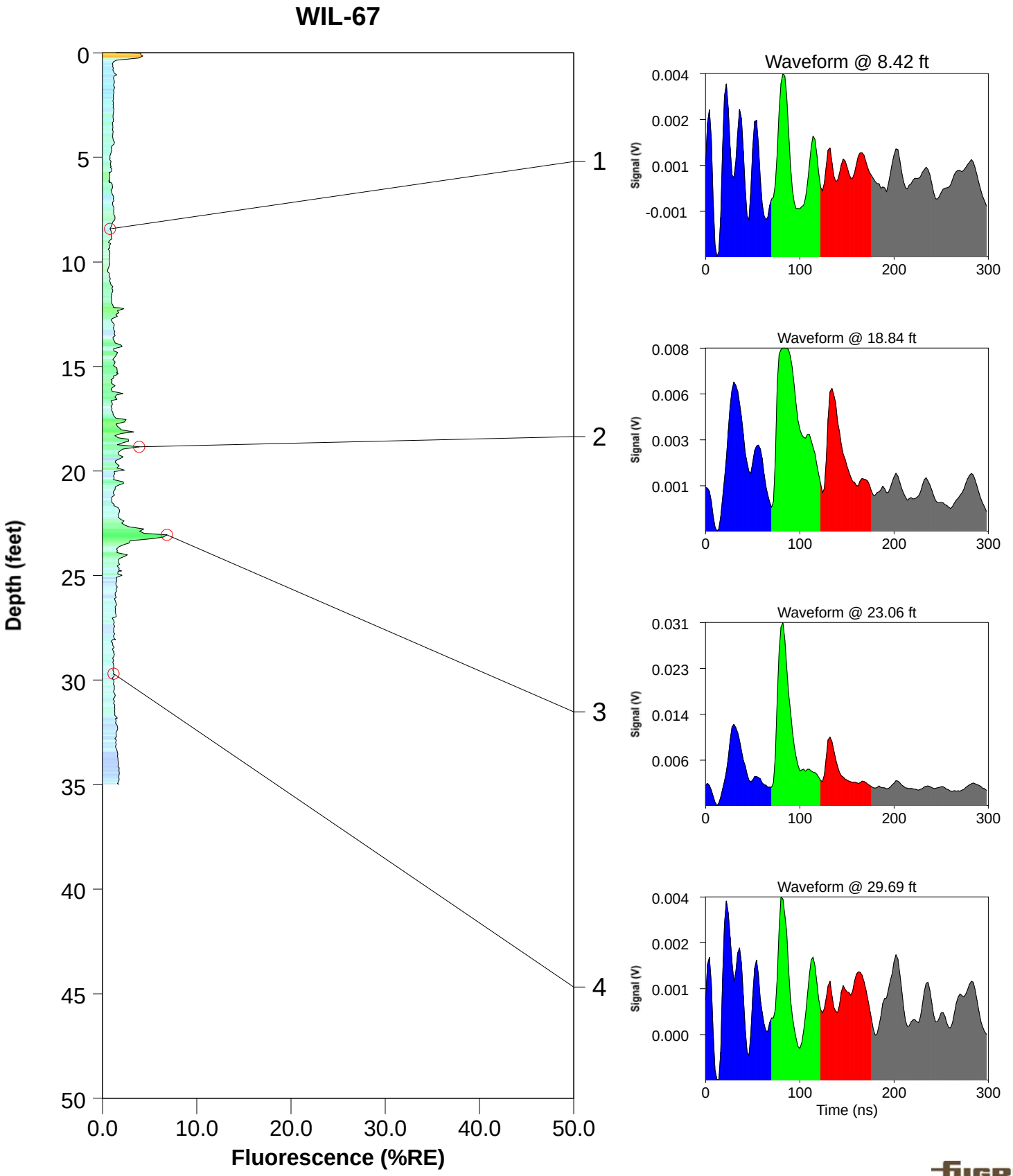
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/13/2015 @ 9:40:52 AM	Max fluorescence: 3.87% @ 19.32 ft
ROST Unit: 2	Final depth BGS: 35.11 ft



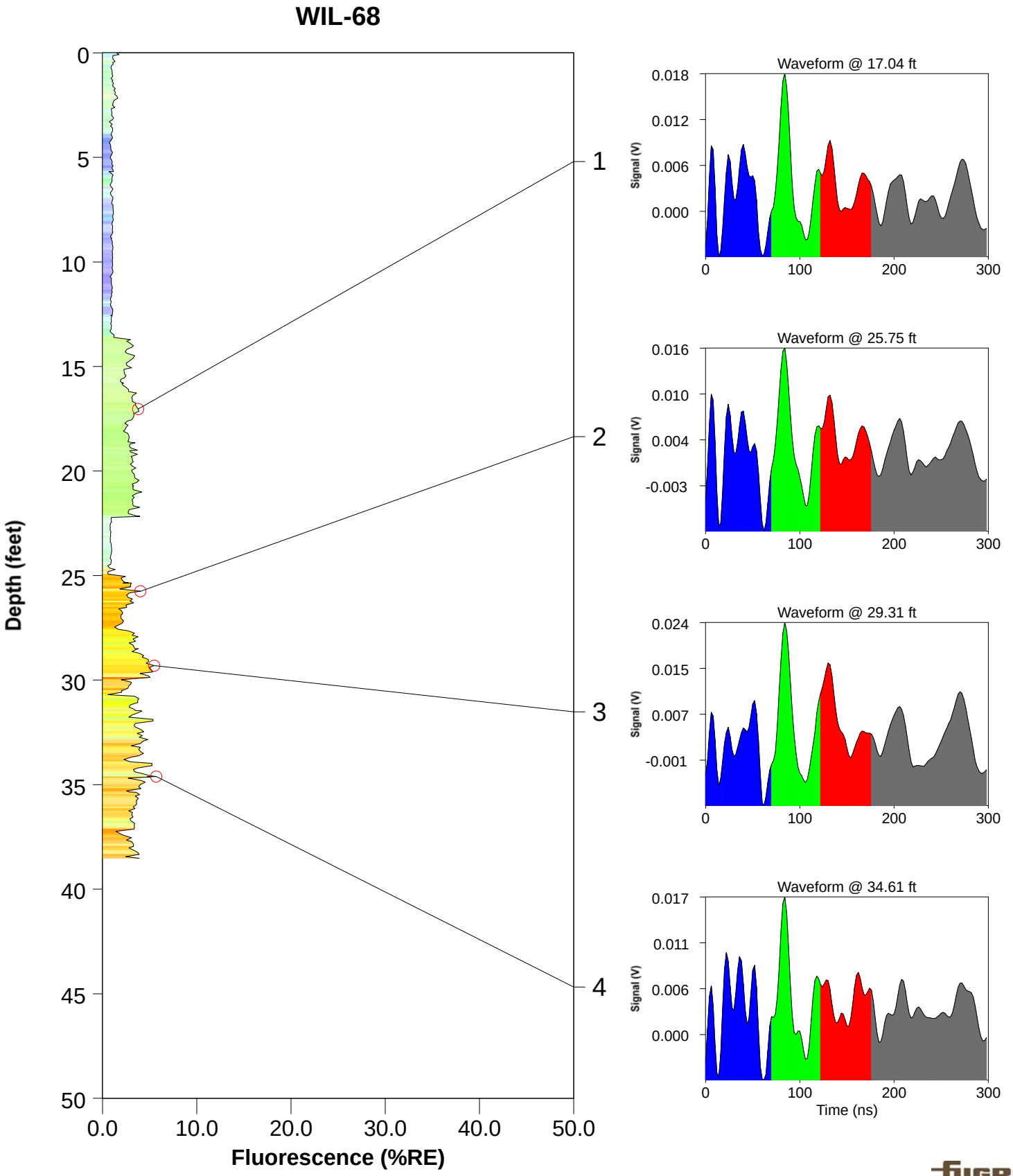
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/13/2015 @ 10:07:53 AM	Max fluorescence: 6.83% @ 23.06 ft
ROST Unit: 2	Final depth BGS: 34.97 ft



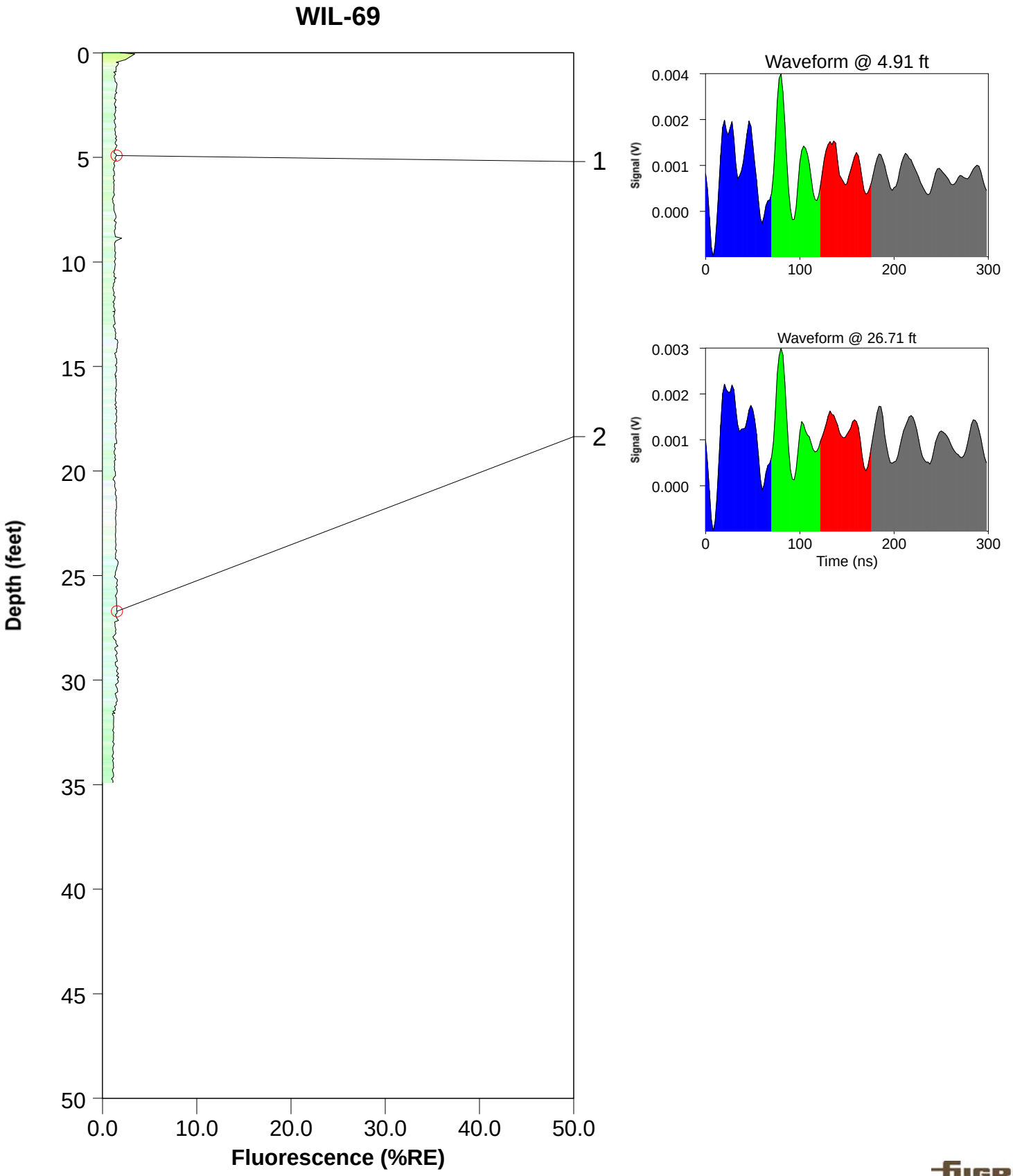
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/13/2015 @ 10:45:37 AM	Max fluorescence: 5.70% @ 34.61 ft
ROST Unit: 2	Final depth BGS: 38.52 ft



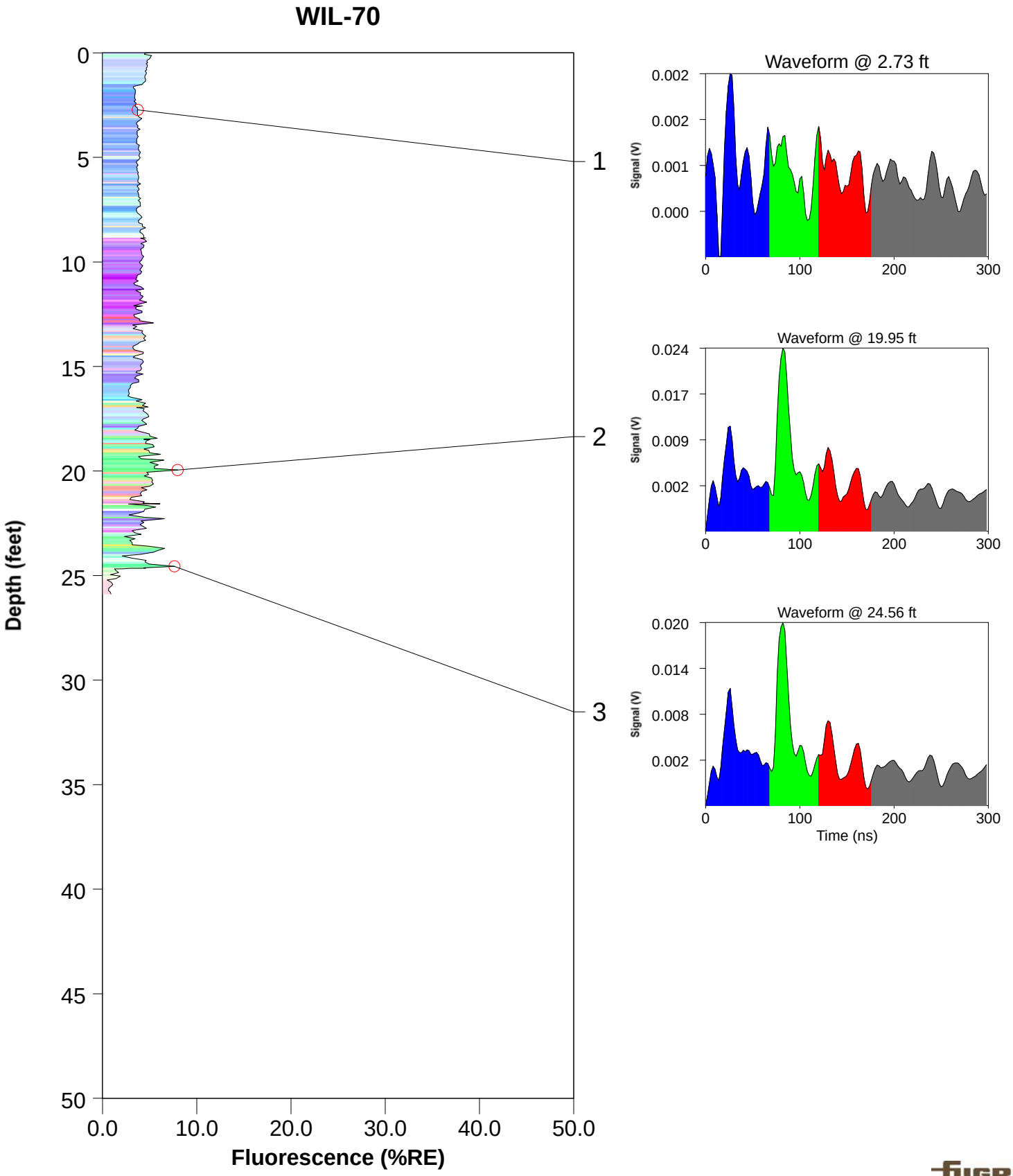
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/13/2015 @ 1:16:16 PM	Max fluorescence: 3.41% @ 0.06 ft
ROST Unit: 2	Final depth BGS: 34.89 ft



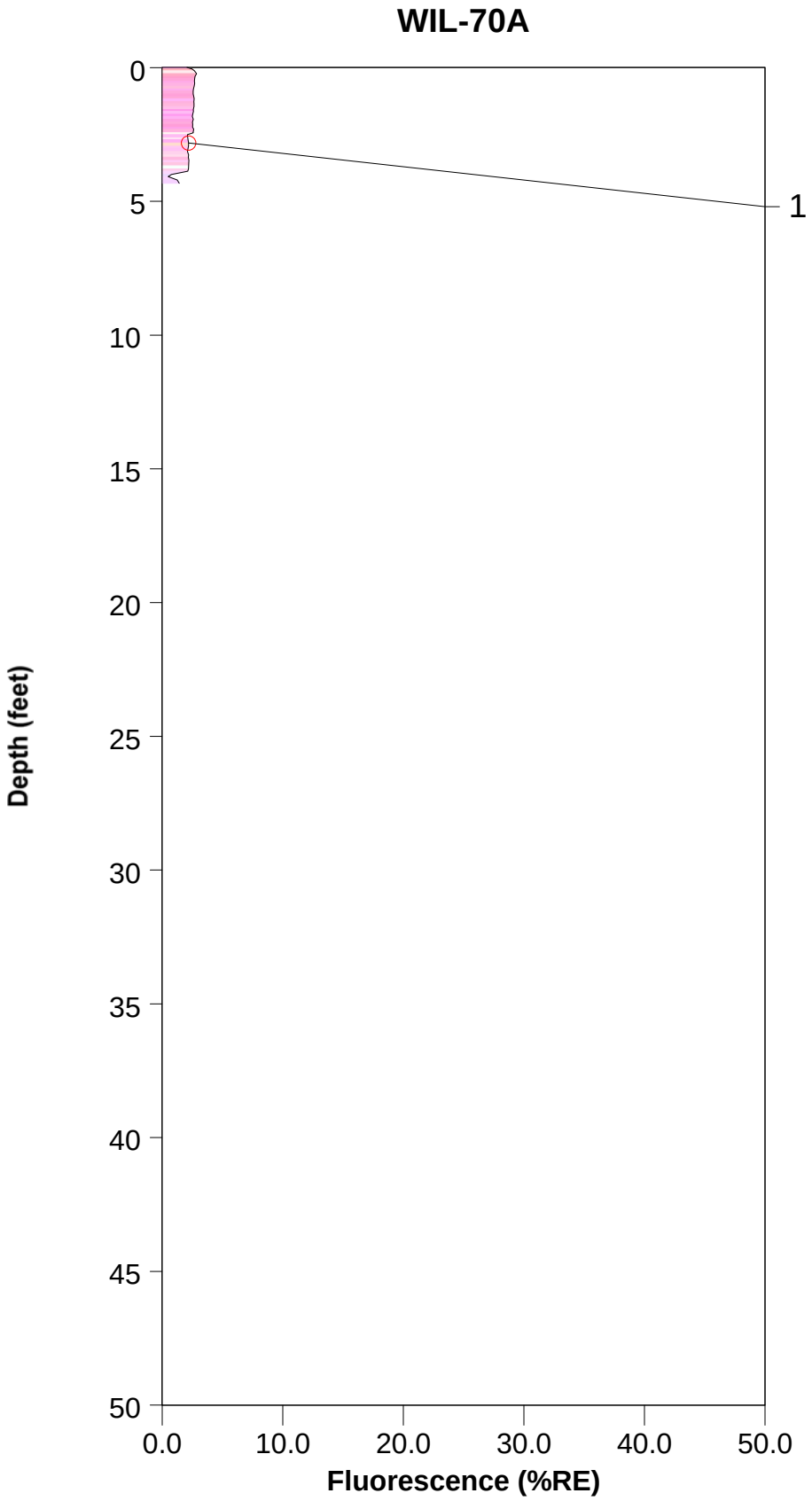
ROST Fluorescence Response Data

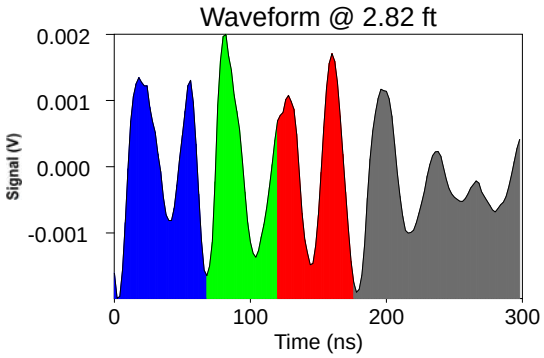
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/13/2015 @ 2:27:06 PM	Max fluorescence: 7.96% @ 19.95 ft
ROST Unit: 2	Final depth BGS: 25.88 ft



ROST Fluorescence Response Data

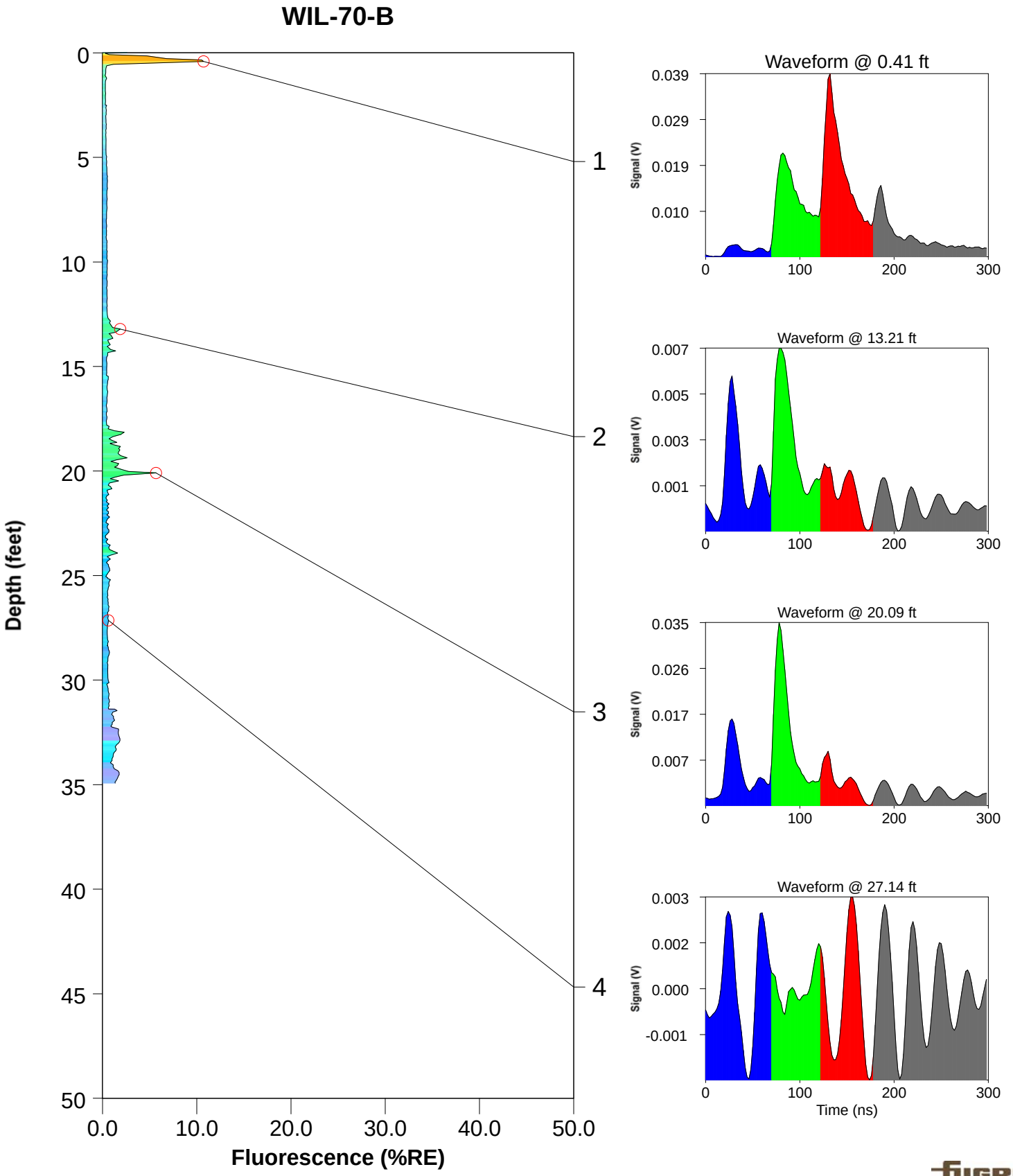
Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/13/2015 @ 3:09:36 PM	Max fluorescence: 2.85% @ 0.23 ft
ROST Unit: 2	Final depth BGS: 4.32 ft





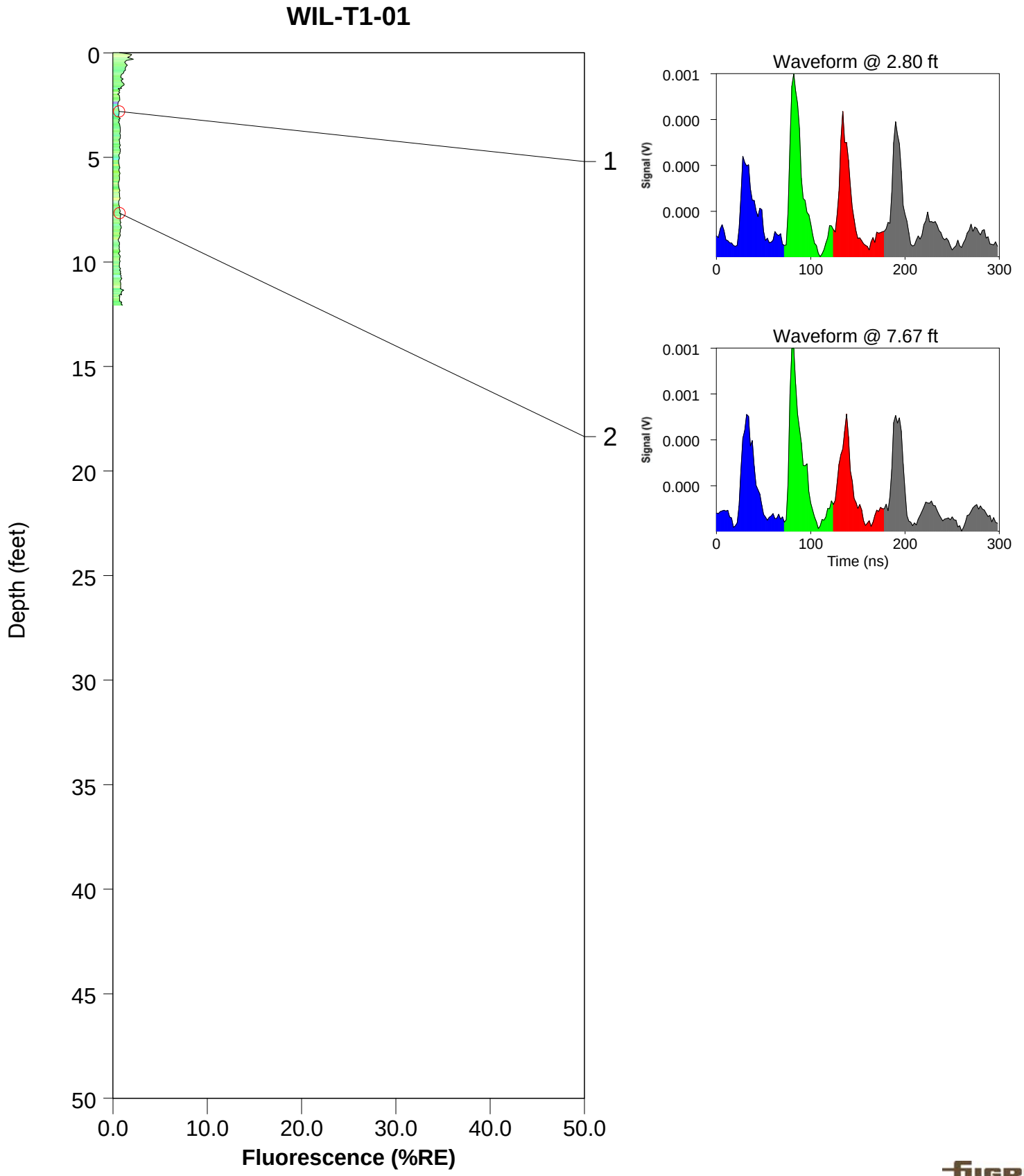
ROST Fluorescence Response Data

Site: Bristow, OK	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 04.19150079
Date/Time: 12/13/2015 @ 4:38:20 PM	Max fluorescence: 10.72% @ 0.41 ft
ROST Unit: 2	Final depth BGS: 34.93 ft



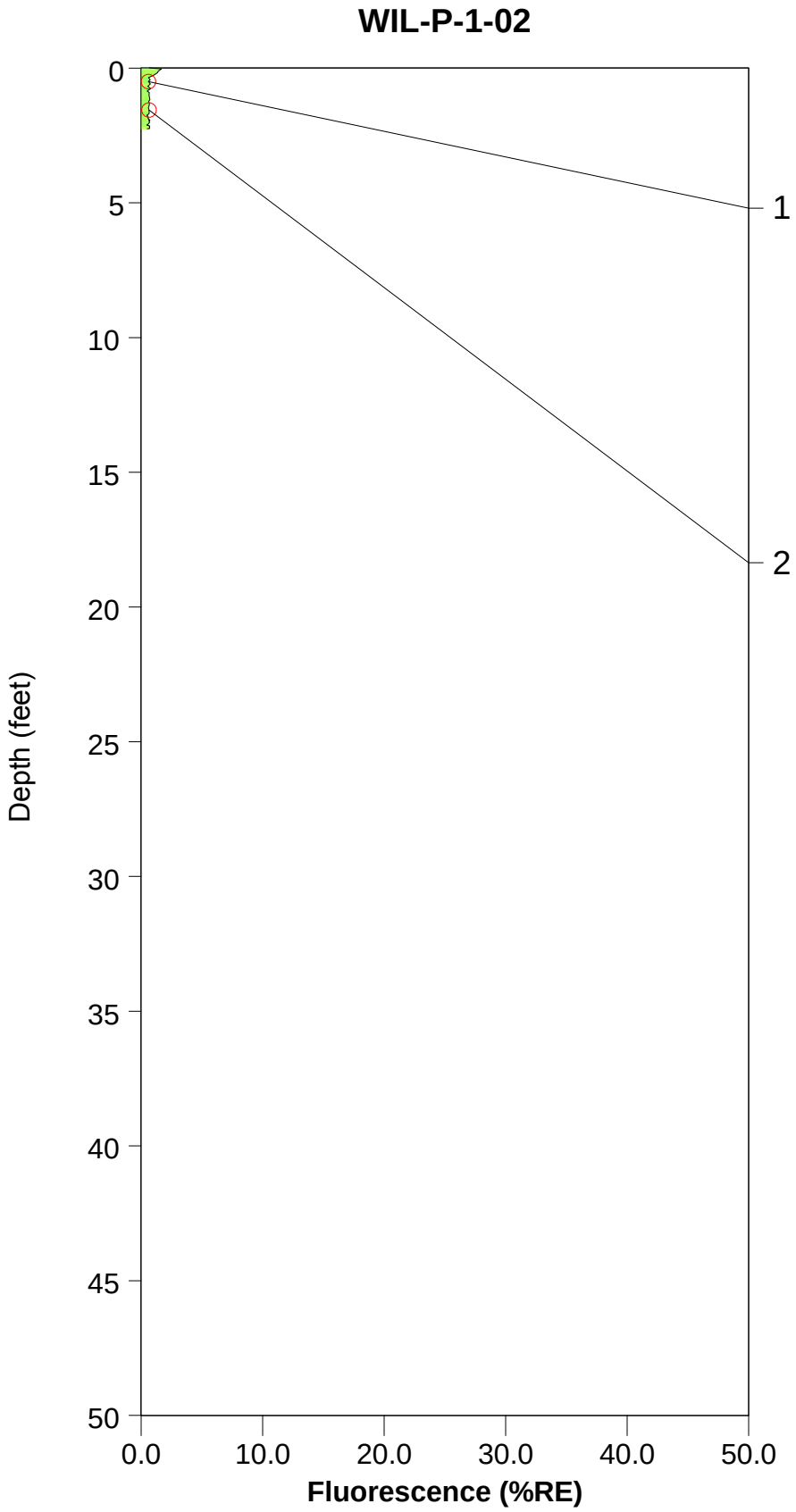
ROST Fluorescence Response Data

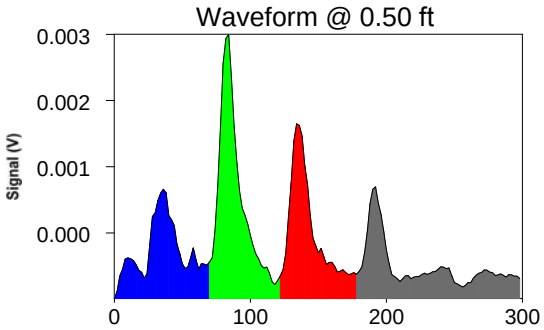
Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 8:53:25 AM	Max fluorescence: 2.15% @ 0.31 ft
ROST Unit: ?	Final depth BGS: 12.06 ft

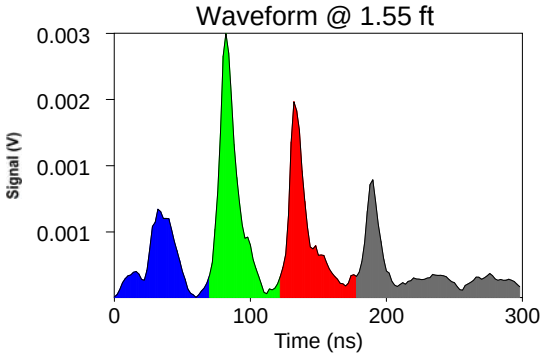


ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 12:21:41 PM	Max fluorescence: 1.66% @ 0.03 ft
ROST Unit: ?	Final depth BGS: 2.25 ft

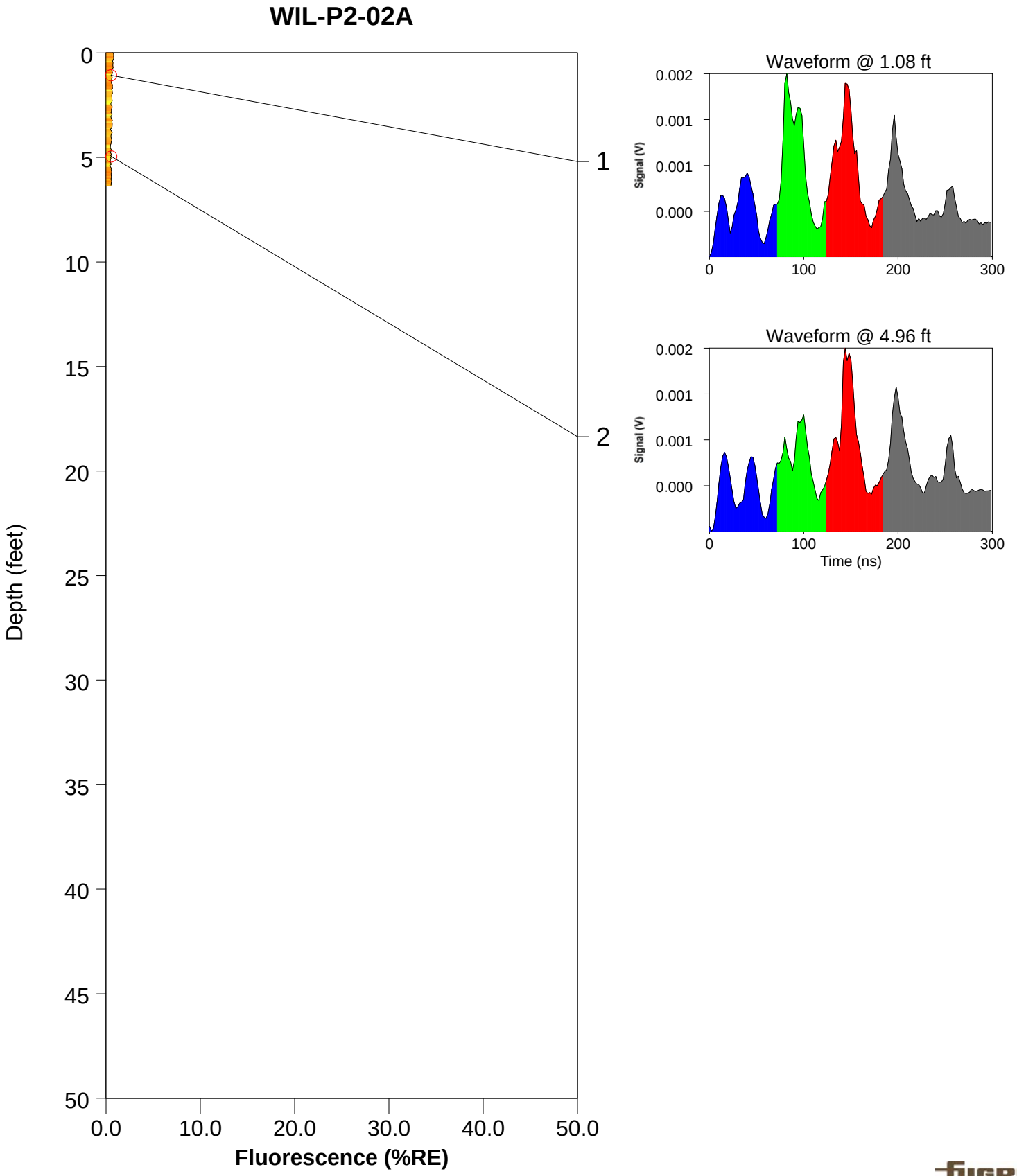






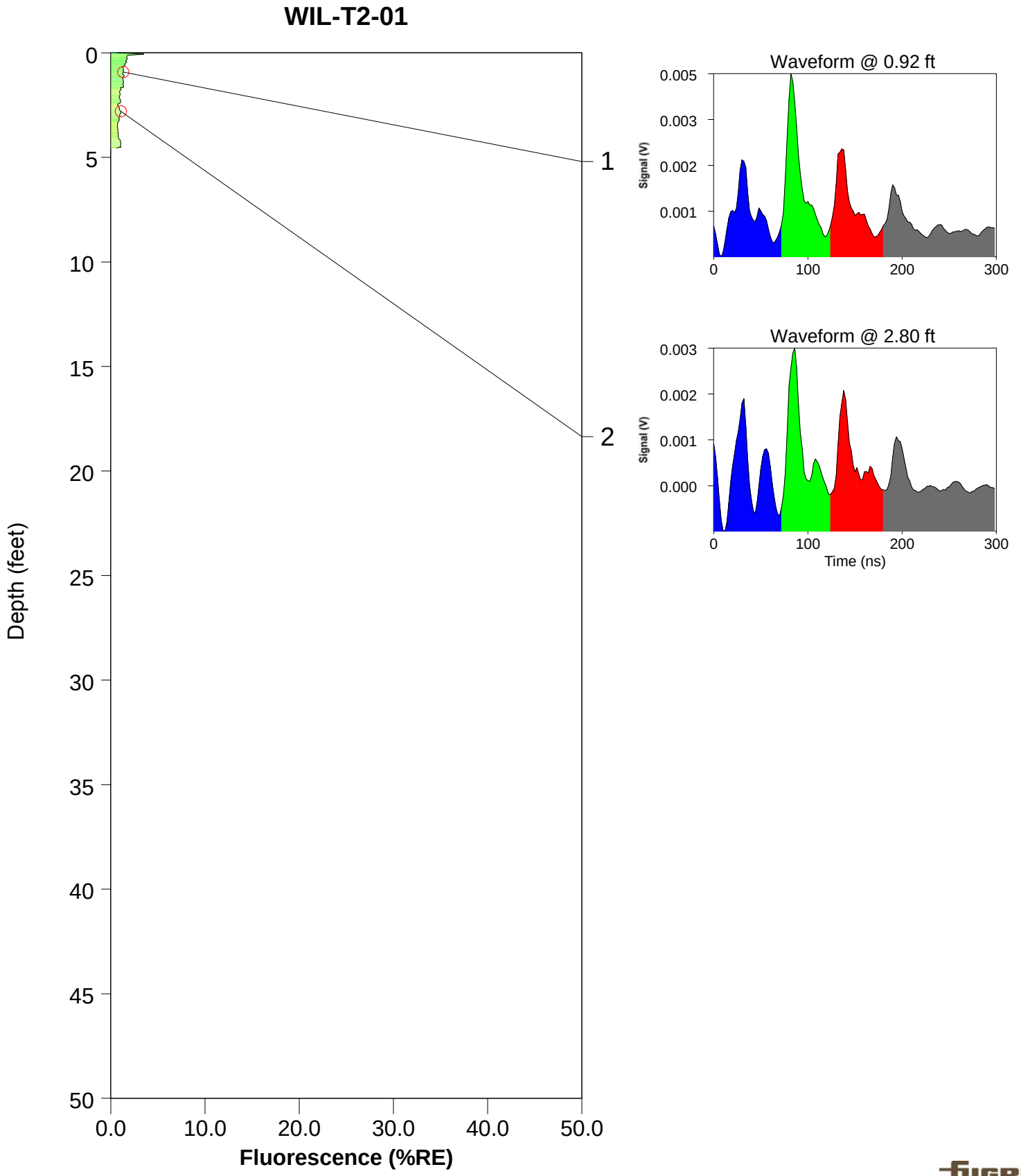
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 11:45:42 AM	Max fluorescence: 0.84% @ 0.26 ft
ROST Unit: ?	Final depth BGS: 6.33 ft



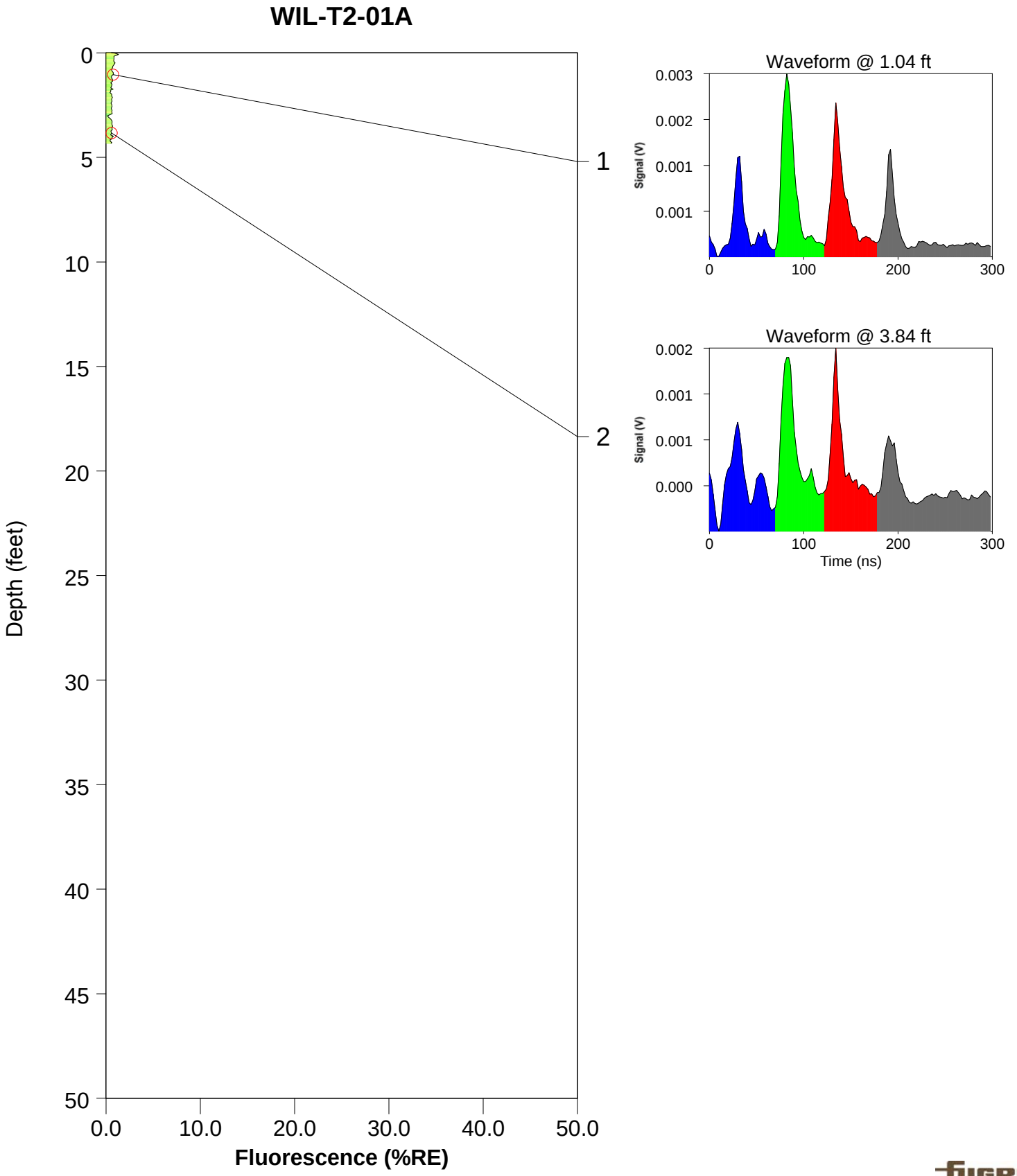
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 10:43:50 AM	Max fluorescence: 3.49% @ 0.06 ft
ROST Unit: ?	Final depth BGS: 4.55 ft



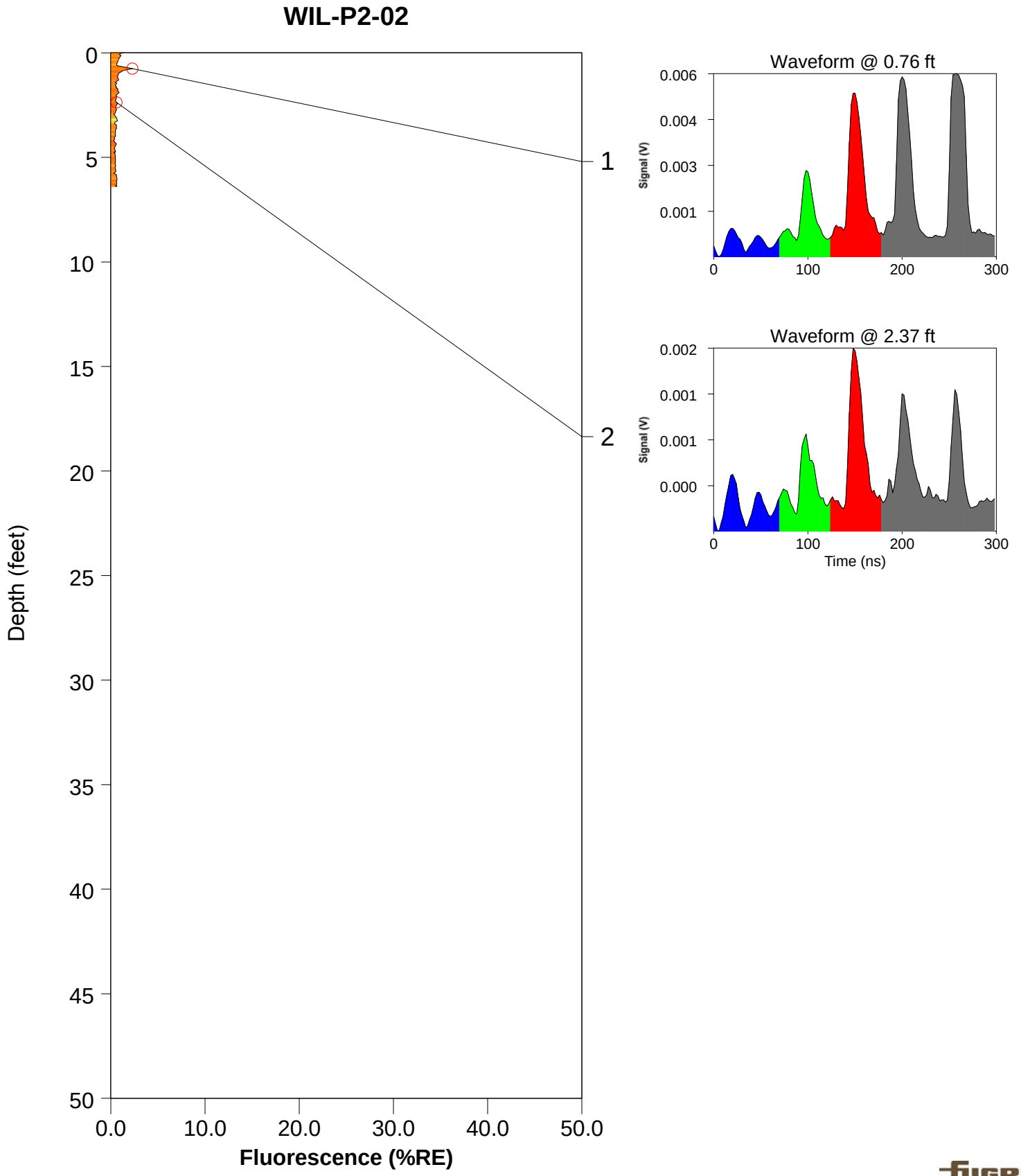
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 10:55:35 AM	Max fluorescence: 1.33% @ 0.08 ft
ROST Unit: ?	Final depth BGS: 4.33 ft



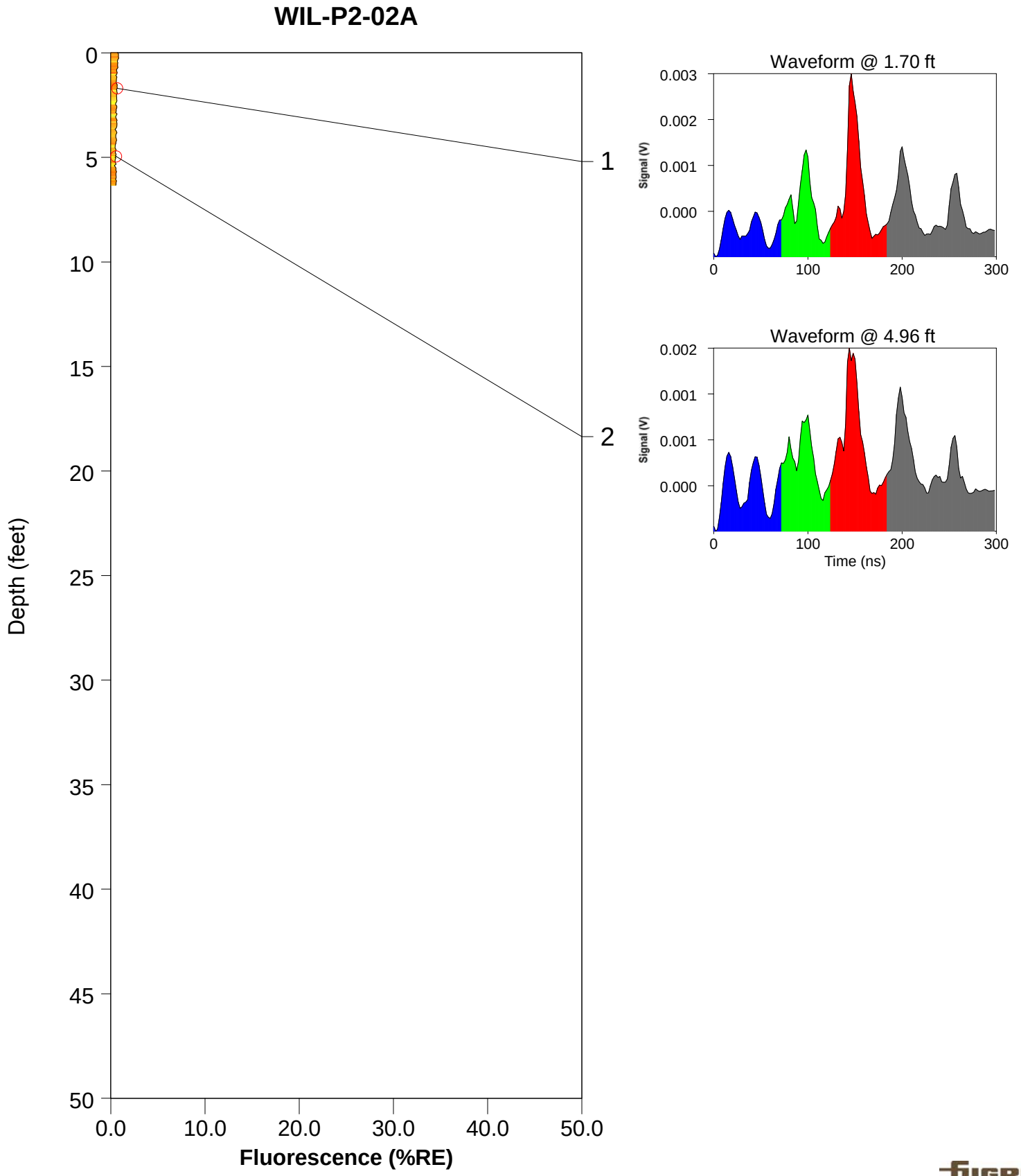
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 11:30:13 AM	Max fluorescence: 2.28% @ 0.76 ft
ROST Unit: ?	Final depth BGS: 6.39 ft



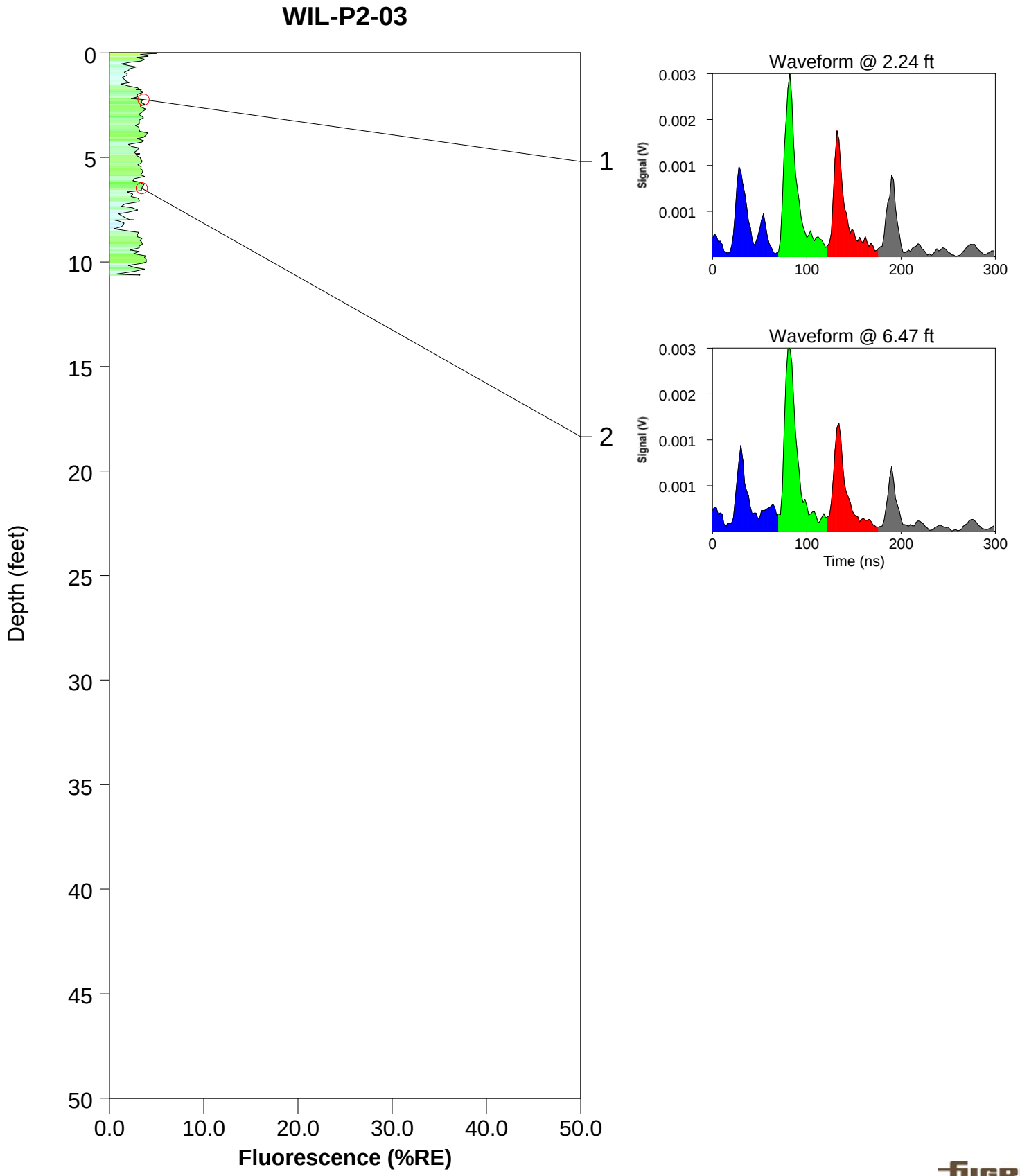
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 11:45:42 AM	Max fluorescence: 0.84% @ 0.26 ft
ROST Unit: ?	Final depth BGS: 6.33 ft



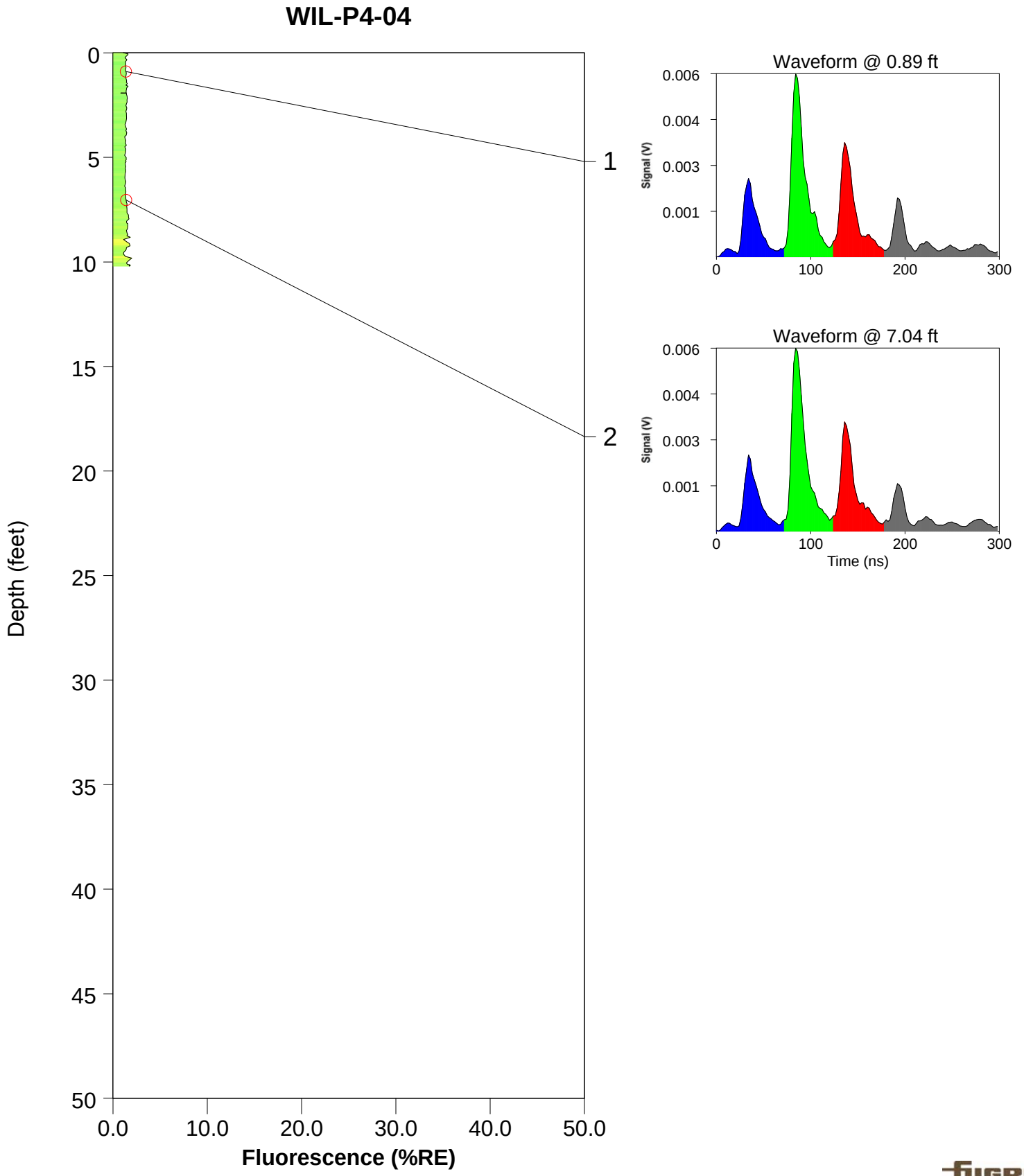
ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 12:53:19 PM	Max fluorescence: 4.99% @ 0.02 ft
ROST Unit: ?	Final depth BGS: 10.63 ft



ROST Fluorescence Response Data

Site: Bristow Ok.	Operator: Glenn Johnson
Client: Lockheed Martin	Fugro Job #: 1915-0079
Date/Time: 12/6/2015 @ 1:28:38 PM	Max fluorescence: 1.99% @ 9.82 ft
ROST Unit: ?	Final depth BGS: 10.20 ft



APPENDIX I

Understanding ROST Guide

Provided for Reference Only by Fugro Consultants, Inc.

Submitted to LM SERAS via E-mail on October 27, 2015

Wilcox Oil Company Superfund Site

Definitions

ROST – Rapid Optical Screening Tool

LIF - Laser-induced fluorescence

POL - petroleum, oils and lubricants

PAH - polycylic aromatic hydrocarbon

PPM - parts per million

LIF - Laser Induced Fluorescence

M1 - fluorescence reference emitter

UV - Ultraviolet (excimer wavelength - 308nm)

BGS - below ground surface

TPH - Total petroleum hydrocarbon

FVD - fluorescence vs depth data file containing full waveform data

AVD - area vs. depth file data containing abbreviated information

PST - push standard file for compatibility with previous DOS software

INFO - information file containing important notes about ROST log

JPG - Joint Photographic Experts Group image file of FVD log

Data File Information

Log Files
The *.log files are stored in Activity Logs directory that is created and maintained automatically. They contain a log of all the activity that took place each day with ROST system.

FVD Files
Fluorescence vs. Depth files (*.FVD) contain the full data matrix as follows:

Row 1, Column 1 is a zero that serves as a placeholder
Row 1, Column 2 to last Column is time vector in nanoseconds
Row 2, Column 1 is a negative 9 serving to indicate M1 reference emitter waveform
Row 2, Column 2 to last Column is the voltages of the M1 reference emitter waveform
Row 3 to last Row, Column 1 is the depth of each ROST measurement
Row 3 to end row, Column 2 to last Column are all the voltages of the ROST waveforms acquired at each depth

AVD Files
Area vs. Depth files (*.AVD) are an abbreviated file that is most often given to client along with INFO file. Client is typically interested in Columns 1 and 2 only.
Format as follows:

Column 1 is the depth in meters or feet (look at INFO file to determine depth system)
Column 2 is total fluorescence represented as a % of M1 (to normalize data)
Column 3 is relative signal strength (area) of Channel #1 (340nm)
Column 4 is relative signal strength (area) of Channel #2 (390nm)
Column 5 is relative signal strength (area) of Channel #3 (440nm)
Column 6 is relative signal strength (area) of Channel #4 (490nm)
Column 7 is 32 bit color code number based on color scheme chosen for this test

INFO Files
The INFO files (*.INFO) are self explanatory. They contain all the information that should be stored from each test to enable printing, viewing, and analysis to take place at a later date even without having access to technician's notes. ROST software uses this to update information panel when loading previously acquired ROST logs.

PST File
The PST file (*.pst) is a legacy file. This is the M1 waveform stored as:
Column 1 – Depth
Column 2 – Voltage

This file is used to allow older Matlab software to view/print/analyze FVD logs.

Polycyclic Aromatic Hydrocarbon (PAH) Fluorescence Principles

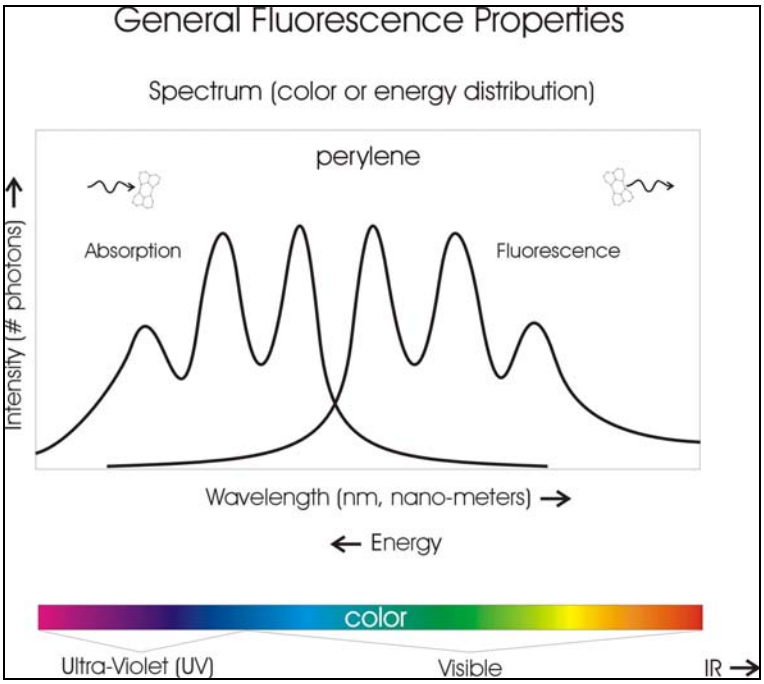
Laser-induced fluorescence (LIF)

Fluorescence spectroscopy is one of the most widely applied spectroscopic techniques in use today. It is, by nature, a fast, sensitive and typically reversible process that makes it ideal for incorporation into a continuous screening technique that uses an optically transparent window as the conduit between the sensor and the analyte. Luminescence is the emission of light from any substance that returns to the ground state after being excited into an electronically excited state. If the bulk of the molecules emit their photons in less than a microsecond the emission is referred to as fluorescence. Emission that takes longer than this is called phosphorescence.

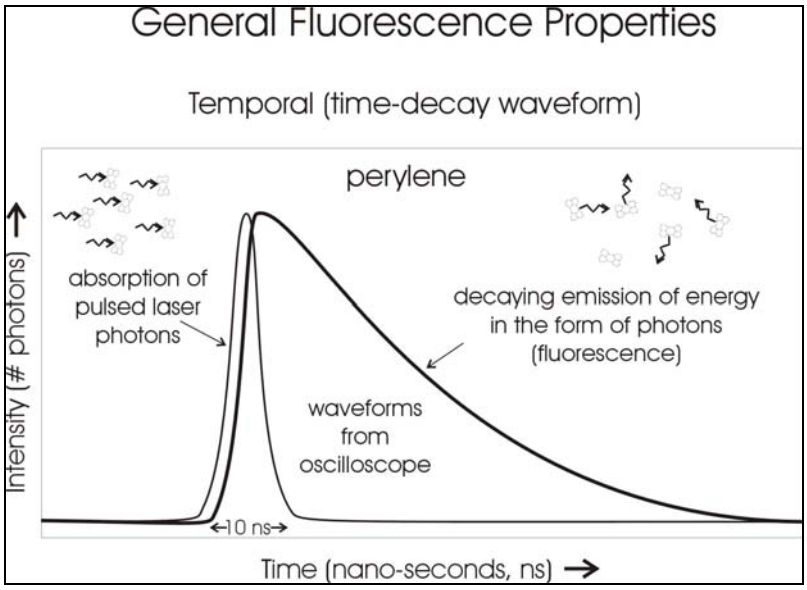
Fluorescence is typically observed in molecules that have an aromatic structure. One class of aromatics is the PAH found in quantity in typical petroleum products. The PAHs found in coal tars, creosotes and even sediments are also fluorescent, but they fluoresce much less efficiently than PAHs dissolved in more solvent-rich environments, such as the aliphatic body that makes up the bulk of fuels/petroleums. We have observed that the less solvent available, the less efficiently the PAHs fluoresce. The PAHs continue to absorb the excitation light, but there is a much higher likelihood of the PAHs finding a non-radiative mechanism with which to shed the additional energy they picked up during the absorption of the excitation photon(s). In spite of this, the PAHs in sediments can still be coaxed into fluorescing well enough to allow in-situ laser-induced fluorescence screening via a sapphire-windowed probe.

A plot of the relative distribution of the different colors (or energies) of the photons being emitted by an excited sample of PAH is called the spectrum (or spectra when referring to more than one). Figure 1 illustrates the concept of PAH absorbance and fluorescence spectra. The spectra of individual PAH species (such as naphthalene and anthracene) can contain enough structure (peaks and valleys) to be identified in simple mixtures in the lab. The fluorescence of PAHs in sediments however, is originating from such a wide variety and concentrations of PAHs and differing local environments (dissolved phase, sorbed to particles, microcrystals, etc.) that the resulting spectra are very broad and contain very little "structure" that one might use to determine which individual PAHs are responsible for the fluorescence. The spectra do shift enough to recognize that the distribution of species or environments are changing, but individual speciation is impossible.

Another property of fluorescence that can be measured is the varying amount of time it takes for the molecules to emit the photons after exposure to a pulsed excitation source, such as a laser is illustrated in Figure 2. If we use a time sensitive detector to observe the number of photons being emitted over time, we can derive more information about the nature of the fluorophores and their environment. This decay time information contained within the waveform is measured with an oscilloscope. The different PAHs and the differing environments that exist in sediments all combine to change the decay times observed. This information is readily obtained when using a pulsed source such as the laser we used in this application. ROST allows us to investigate not only what colors are being emitted, but also how long it takes for the excited population of PAHs to emit the fluorescence photons. We use a patented method of combining the photons from four regions of the emission spectrum optically collected over 20 nm wide sections of the emission spectra at 340, 390, 440, and 490 nm.



Spectral property of fluorescence



Temporal property of fluorescence

These four "channels" are delayed in time through successively longer fiber optic delay lines and eventually arrive at the detector (photomultiplier tube or PMT). The resulting oscilloscope waveform is a unique measurement of both the spectral and temporal components of the fluorescence. This allows us to simultaneously observe the spectral and temporal qualities of the fluorescence. This technique is described in detail later in this report. It is these multi-wavelength waveforms, measured continuously and stored vs. depth, that ultimately serve as our indicator of PAH concentration vs. depth in the sediment.

Interferences

Nature has co-deposited a myriad of additional fluorescent materials in sediments that will also absorb the laser light and fluoresce intensely enough to complicate the measurement of the PAH fluorescence. Example materials include minerals such as calcites and a variety of biological materials. Both living organisms and their associated breakdown products (humic and fulvic acids) fluoresce well enough to interfere with the observation of the fluorescence of the target PAHs. This fluorescence, along with scattered excitation laser light and Raman light generated throughout the optical train (fiber optics) will ultimately make it back to the detector, mixed in with true PAH fluorescence, and must be accounted for in some fashion. Throughout this document we will refer to all these sources of non-PAH emitted photons as "background" fluorescence, even though the true source might well be non-fluorescent (scatter) in nature.

Understanding ROST Fluorescence Waveforms

Spectroscopic techniques involve probing the target matrix with light and learning about the contents of that matrix by analyzing the light that is emitted or absorbed by the target matrix. For screening tools it is crucial to glean as much information from this light as one can in as little time as possible. ROST accomplishes this task in a novel fashion. The fluorescence data from ROST is deceptively simple. There is a lot more going on in a ROST waveform than one would imagine at first glance. It is actually a two-dimensional data set that contains three-dimensional fluorescence information. To complicate this, some of the information is overlapping. A full description of the multi-wavelength waveform data follows in order to give the reader an understanding of the data acquired during this study.

PAH time decay waveforms

Each type of PAH molecule (such as phenanthrene, naphthalene, or anthracene) emits fluorescence over a unique time period after being excited by a pulsed excitation source such as the laser used in ROST. The emission starts out at maximum intensity, and then decays away at a rate unique to each type of PAH. The number of rings, the bonding between them, the amount of substitution on the rings, and other structural features of the molecule determine, to a great extent, the decay rate exhibited by a particular PAH. One class of molecule, the PCBs, have a structure that would seem to fluoresce well, but the chlorine substitution on the rings causes what is referred to as the heavy-atom effect, resulting in non-radiative relaxation from the excited state and a dramatic reduction in fluorescence. In fact the reduction is so significant that PCBs are essentially non-fluorescent molecules.

The environment in which the PAH exists also has a substantial influence on the decay rate. Quenching, which refers to any process that causes a decrease in the decay time (as well as the intensity) of the fluorescence, is dependent on conditions like oxygen levels, solvent availability, solvent viscosity, and a myriad of other matrix dependent conditions. An example of this can be found with the fluorescence of PAHs in fuels (gasoline, diesel, or kerosene) vs. coal tar oil. The coal tar oil can often contain more PAHs than the fuels, but the fluorescence lifetime is much shorter and the total fluorescence of fuels is often 2 to 3 orders of magnitude more intense. If one were to dissolve coal tar in a solvent such as hexane, its fluorescence intensity would rival that of fuels because the solvent matrix is simply more suited to allow fluorescence to occur.

Figure 3 illustrates the differing decay times one might observe for 4 different PAHs, along with the time profile of the laser pulse that excited them. Now remember, these are large populations of PAHs being excited and while some begin emitting immediately, other individual PAH molecules "wait" many nanoseconds before emitting a photon. What is plotted here is a picture of the distribution of times that the PAHs are remaining in the excited state before emitting photons. Now in our case (sediments) we have many different PAHs of differing ring number and substitution levels. The bold curve in Figure 3 illustrates the fluorescence decay profile that would result if we observed the fluorescence of all four PAHs simultaneously. This is the fluorescence waveform that would result if all 4 different PAHs fluoresced with equal intensity (normalized to keep it on scale). This same concept is happening in the sediments. We are observing the sum of all the decay profiles for all the different PAHs that are absorbing and emitting photons with each pulse of the excitation laser. It should be noted that there is no predictable trend between decay rate and structure like the trend that exists between spectrum and structure as described below.

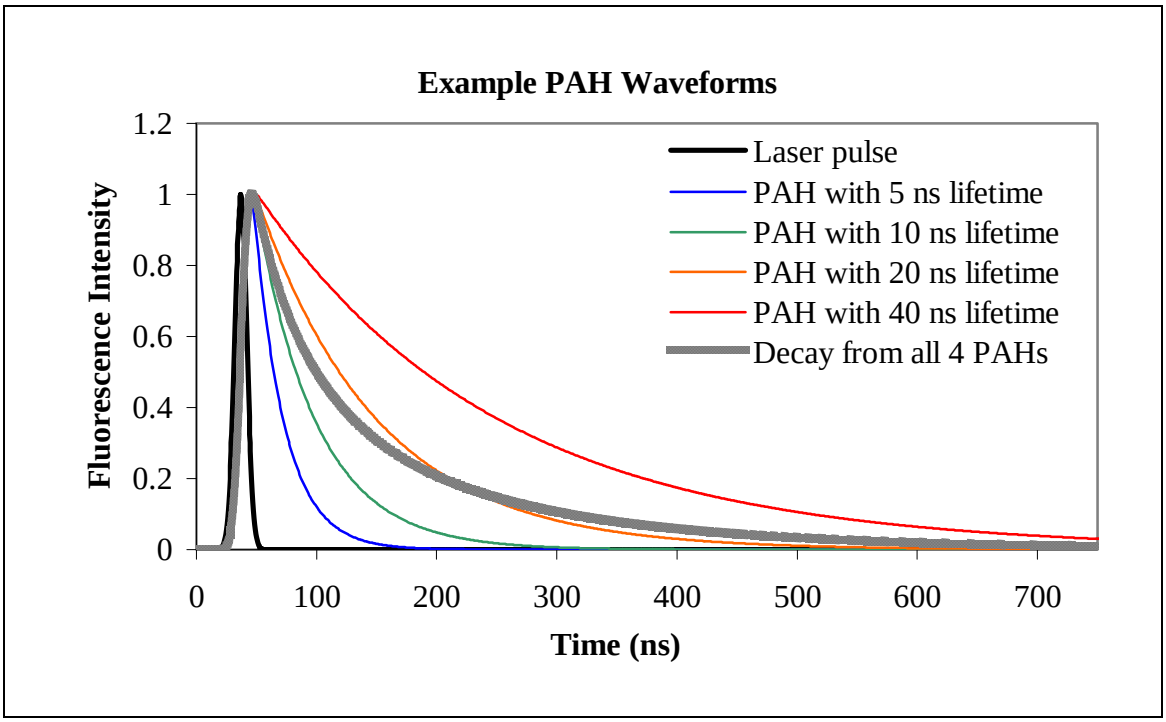


Figure 3. Temporal fluorescence examples

Of course the fluorescence decay profile observed in sediments is not made up of equal amounts of fluorescence from the various PAHs found in them. The wavelengths of light being emitted by (spectra) and the relative fluorescence yields of the different PAHs are all quite different, but the concept is still valid. The decay profile of the PAHs observed in the sediment results from the decay profiles of a mixture of different PAHs, along with fluorescence from other materials in the matrix.

PAH spectra

Let's take a look at the other property of the fluorescence emission of the same 4 example PAHs we showed at in Figure 3. This time we'll examine not the time over which they fluoresce, but instead the distribution of energies found in the photons they emit. Remember that the fluorescence emission spectrum of a pure PAH is simply a graphical representation of the energy distribution of photons that are emitted from a large population of the PAHs as they release energy that was absorbed from the excitation beam of light (in our case, a laser). Spectra of pure PAHs are typically acquired by dissolving a sample of the pure PAH in a pure solvent that does not fluoresce.

Figure 4 depicts the fluorescence emission spectra of the same 4 PAHs used in the temporal example in Figure 3. The laser wavelength is also shown in Figure 4, demonstrating the principle that fluorescence occurs at longer wavelength (lower energy) than the excitation wavelength (also known as Stokes' shift). The basic trend is toward longer wavelength emission as more rings are added or substitution increases. Naphthalene emits at around 340 nm and the spectra "red-shift" as the number of rings increase. Another general property of fluorescence is that for a pure PAH the emission spectrum remains the same irrespective of what wavelength of light is used to excite them (Kasha's rule). This is not true for mixtures however, because changing the excitation wavelength might well change which PAH are being excited and to what degree. The bold spectrum in Figure 4 is the combined spectra of all 4 PAHs. This is a simplified illustration of what generally happens if we observe the total fluorescence of a mixture of different PAHs. Any change

in the relative amounts of the differing PAHs or changes in the matrix in which they exist will cause a change in the spectrum of light actually emitted.

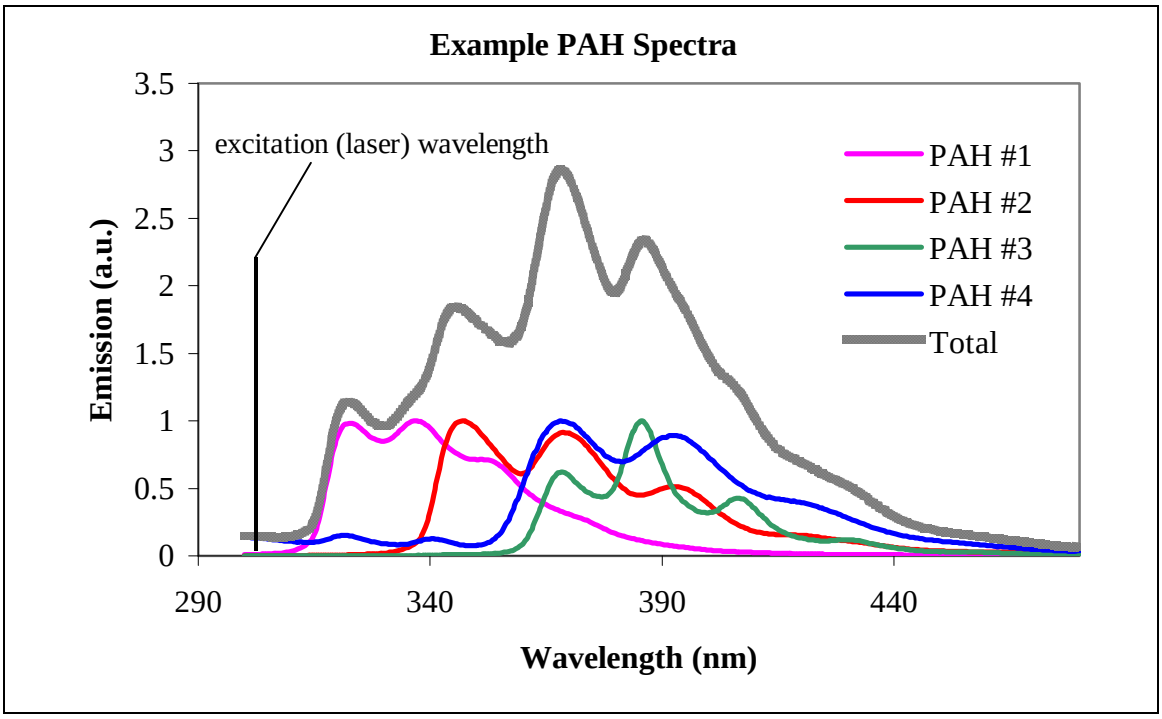


Figure 4. Spectral fluorescence examples

The fairly well defined structure (multiple peaks, valleys, and their various positions) of the spectra in Figure 4 suggests that perhaps one could use algorithms to extract information about the relative concentrations of the individual PAHs. While this is possible for very simple mixtures (2 to 3 PAHs) under controlled conditions, the algorithms quickly fail when many PAHs are present and interference fluorescence from humics, fulvics, and minerals is introduced. At best, one is able to use the overall shape of the total fluorescence spectrum to predict the *type* of mixture (diesel, coal tar, crude oil, etc.) and, in fact, this is routinely accomplished in environmental fluorescence forensics.

PAH multi-wavelength waveform (MWW)

The fluorescence of PAHs has both a spectral and temporal component. Real-world environmental samples typically contain at least several (if not dozens) of different PAHs along with other fluorophores, and the PAH fluorescence spectra overlap to form broad and fairly featureless spectral and temporal emission (compared to pure PAH spectra). If we were to record the temporal decay waveforms across the entire spectrum we would record what is called a wavelength-time matrix (WTM) that would describe the fluorescence emission completely. To create this we scan the emission selection monochromator from wavelength to wavelength, monitoring the pulsed emission vs. time at each wavelength with an oscilloscope.

Figure 5 contains the WTMs of diesel, jet, creosote, and gasoline on sand at several thousand ppm. The difference between the contaminants is clear and identification is straightforward. Dakota Technologies, Inc. (DTI) once employed these matrix style data sets to completely analyze the fluorescence of petroleum, oil, and lubricant (POL) contaminated soils. WTMs were (and still are) excellent for identifying/classifying the PAH fluorescence of environmental samples because of the unique information that both dimensions of PAH fluorescence exhibit when acquired in unison. While WTMs make different contaminants readily discernable from one another, they are

3-dimensional and large. Also, the screening tool must be held still while the measurement is being made. All of these qualities make WTMs unwieldy for environmental screening tools that are designed to continuously log (typically 1 Hz) the presence of PAHs vs. time or depth.

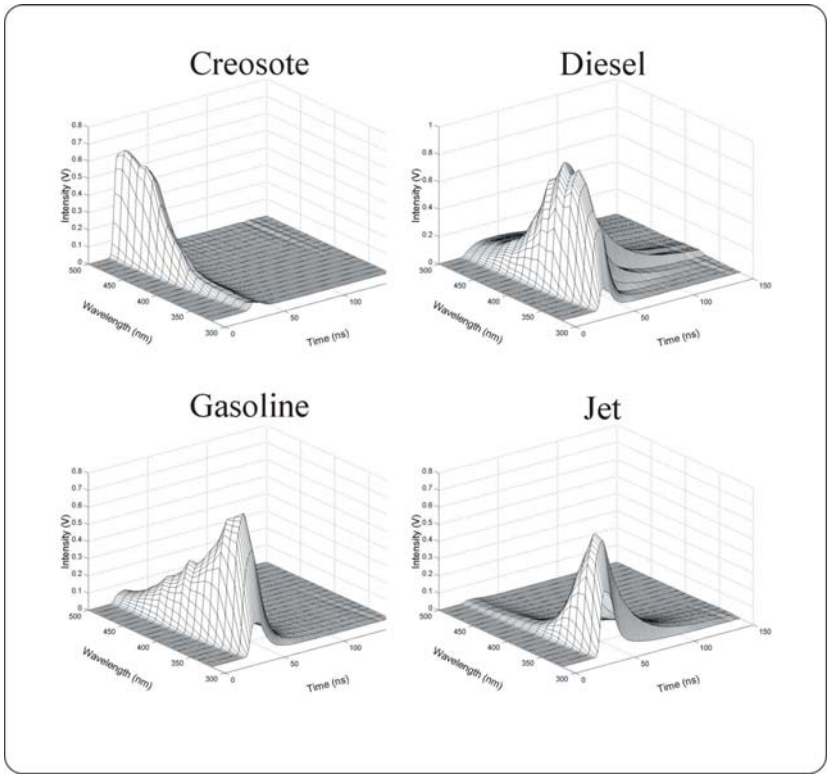


Figure 5. Example WTMs of common contaminants on sand

Because WTMs are so difficult to implement in screening mode, DTI developed (and patented) a multiple-wavelength waveform (MWW) technique that allows multi-dimensional PAH fluorescence measurements to be acquired "on the fly". Figure 6 illustrates the concept. Select regions of the spectrum are monitored for their temporal response. The responses are optically delayed and recombined, and the resulting responses converge to form one two-dimensional waveform. There is sometimes overlap between the "channels" with long decay times, and the spectral regions being monitored are fewer and farther between than WTMs, but the resulting waveform still retains a unique combination of spectral and temporal fluorescence information that makes speciation and identification of PAH mixtures possible. Figure 7 illustrates the unique waveform produced by a variety of common PAH-containing environmental contaminants.

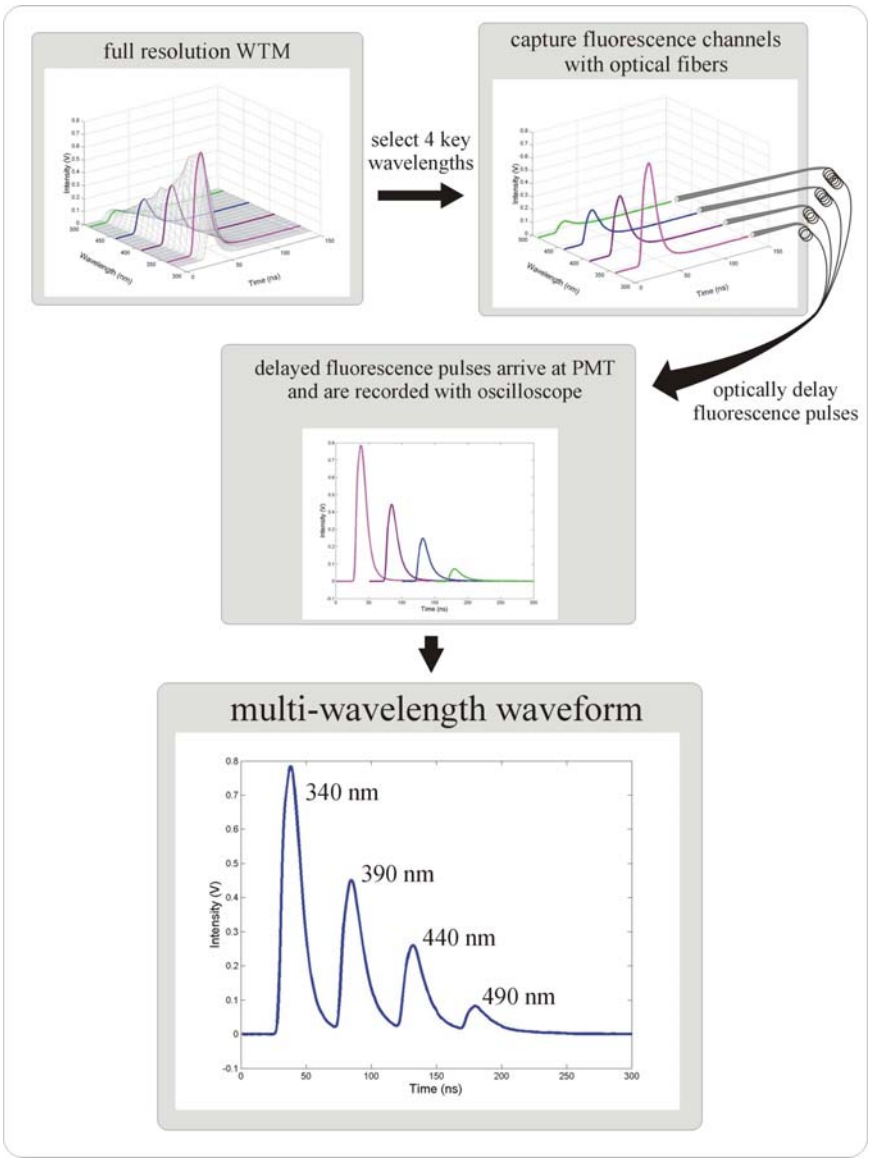


Figure 6. Multi-wavelength waveform concept

The ROST system acquires waveforms at ~1 Hz and logs them to the hard drive continuously. As described below (see Calibration and normalization) the waveforms are integrated to achieve a quantitative result that is plotted vs. depth. The shape of the waveform yields information on the nature of the fluorescing material. With experience the analyst learns to look for changes or similarities in the waveform and is able to assess changes in the analyte concentration or the matrix. For instance, are the decay times for the various channels changing due to changes in the PAHs or perhaps changes in oxygen levels that affect quenching? Is the emission shifting to shorter or longer wavelengths due to changes in the amount of degradation via biological activity, weathering, or volatilization? Is the first channel (closest to the laser) getting more or less contribution from laser scatter due to improper mirror alignment? These and a myriad of other questions and answers can be gleaned from the shape of this simple, yet informative, data format.

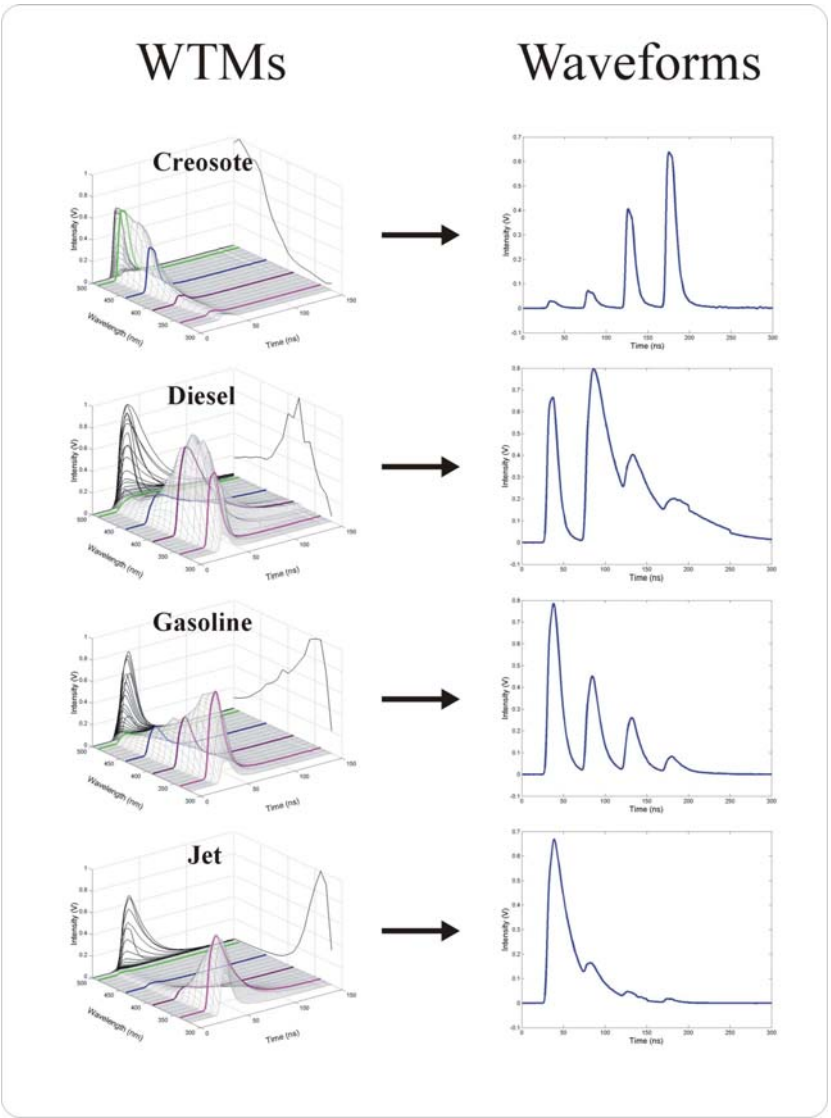


Figure 7. Waveforms of common contaminants

FVD colorization

The waveforms that are continuously logged vs. depth with ROST contain a wealth of information, but to make this information easily interpretable in fluorescence vs. depth (FVD) log format, we need to further reduce the data to a one-dimensional data set that we can plot vs. depth. As discussed, the quantitative information is contained within the area under the waveform (total fluorescence) but how do we convert a waveform's shape into a singular entity? To accomplish this, DTI has developed and implemented a novel technique that effectively converts the shape of the waveforms into colors. These colors are then used to fill in the area under the FVD that represents the total fluorescence measured at each point in the FVD. Figure 8, derived from data from a coal tar delineation project, illustrates the technique of colorizing the FVD according to the shape of the waveforms.

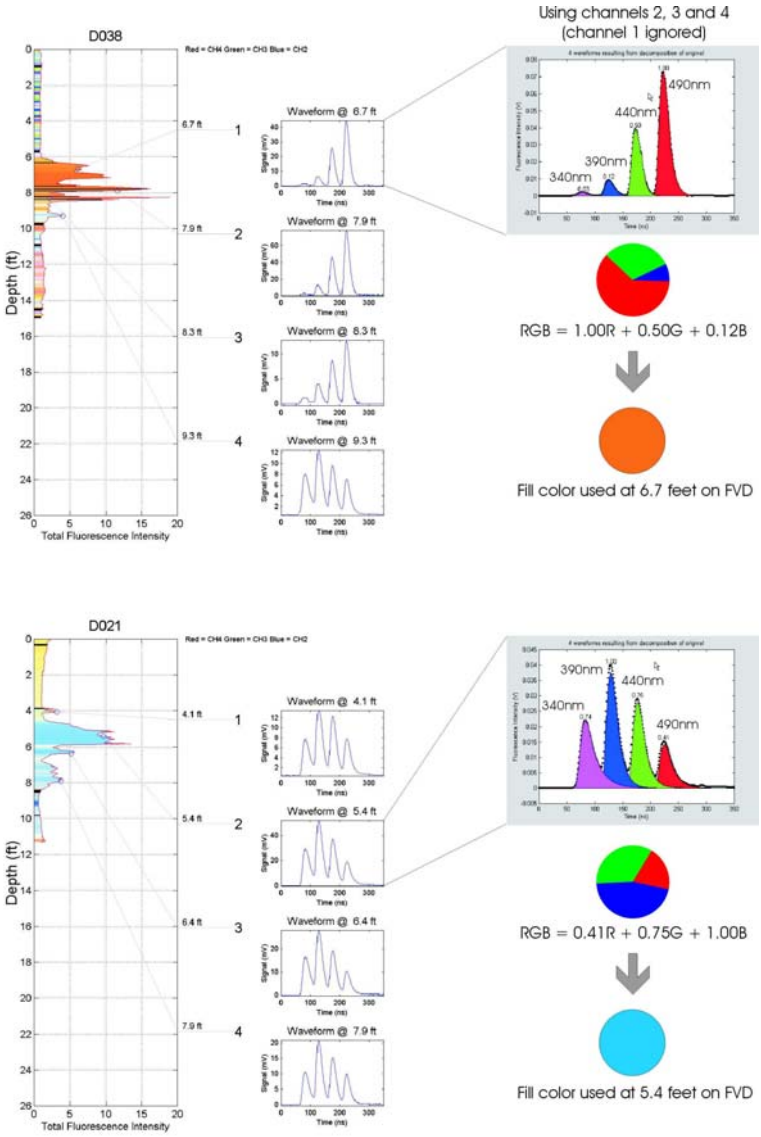


Figure 8. How color-coding is calculated

The result is a data presentation technique that allows the user to assess similarities or changes in the waveform shapes vs. depth by simply observing the colors that represent the shape of each and every waveform in the data set. This technique was used on the sediment measurements made in this project, both in the lab and in the field. It should be noted that the color black indicates that the algorithm that calculates the color failed to deconvolve the waveform successfully.

The colorization technique is limited to using three of the channels as a result of the red, green, and blue (RGB) color definition which computer colorization systems typically implement. A cyan, yellow, magenta, and black colorization system (CYMK) might allow the use of all four channels and is currently being considered as a replacement for RGB. The first three channels (340, 390, and 440 nm) were used to colorize the data in this study. The 490 nm channel was used in a quantitative sense, but was ignored for the colorization. It should be noted that a strictly temporal change (where only the decay times change, not the spectrum) would not necessarily result in a

color change, since the ratios of the 3 channels used might remain constant even though the area under the waveform itself will increase or decrease.

An added benefit of this technique is that it provides insight in situations where non-linear response behavior is encountered. Many contaminants such as coal tars, heavy crudes, and creosotes do not fluoresce with concentration in a linear fashion. For instance, a 10 fold increase in PAH concentration might produce very little or no increase in total fluorescence intensity. However, a spectral or temporal shift often does continue to occur with changes in concentration due to energy transfer, photon cycling, and other phenomenon. The color of the FVD fill continues to darken or shift in color, acting as an indicator of a change in the fluorescence of the sample, alerting the analyst to a possible increase in concentration. While this technique is less than analytical it does provide the analyst with additional insight into the distribution of PAHs in the soil vs. depth.

Calibration and Normalization

The ROST system response depends on a host of factors. These include laser energy, fiber termination quality, neutral density filter selection, parabolic mirror efficiency, and fiber length, just to name a few. To account for changes in these over time and location, a single point calibration and system check is performed. A reference emitter (coined M1) is placed on the sapphire window and the response is measured. The M1 solution is permanently stored in a quartz cuvette for convenience and the measurement takes place through the wall of the cuvette. This proprietary mix of hydrocarbons fluoresces efficiently across the entire system and serves as both an indicator of system function and as a data normalization benchmark.

The total fluorescence intensity (area under the waveform) of M1 serves to normalize the data from the push that immediately follows the reference emitter measurement. All the FVD logs are presented as a percentage of the signal achieved with M1. The area under every waveform in the data set is integrated, resulting in a pico-Volt-seconds unit (picoseconds * V or pVs). These values are divided by the pVs measured for M1, and the result is multiplied by 100. The result is a log with x-axis units of percent of M1. This creates a normalized data set that takes into account the entire system performance, from end to end (laser to oscilloscope). The shape of the M1 waveform acts to guide the operator in assessing proper alignment of the detection system. The relative contribution for each channel and the shape of M1 waveform is monitored for consistency to insure that the waveforms remain consistent from day to day.

INCH

Rite in the Rain
ALL-WEATHER WRITING PAPER

1 Name

Address

2 Phone Email

Project

3 CONTENTS

PAGE	REFERENCE	DATE

If Found, Please Return to:

Name: _____

LOCKHEED MARTIN/REAC
2890 Woodbridge Avenue
Edison, NJ 08837-3679
Phone: (732) 321-4200

6 ***Rite in the Rain*** — A patented, environmentally responsible, all-weather writing paper that sheds water and enables you to write anywhere, in any weather. Using a pencil or all-weather pen, *Rite in the Rain* ensures that your notes survive the rigors of the field, regardless of the conditions.

RiteintheRain.com

SERAS-B-0313
WILCOX
277

01

Scale: 1 square =

12/1/15 WILCOX 277

TF-08-02 LOGS 50" RECOVERY 0-5'

NO PID RESPONSE ENTIRE LENGTH

ENTIRE CORE IS MEDIUM STIFF DRY

RED + WHITE SANDY CLAY SAND VF-FINE

TOP 1 1/2 FEET OF CORE IS DARK BROWN

CLAYEY TOPSOIL

CORE #2 - 28" RECOVERY, REFUSAL AT

7 1/2' ACCORDING TO DRILLER NO PID

RESPONSE ALONG ENTIRE LENGTH

5-5.75' - SAME

5.75-7 1/2 - STIFF RED + BROWN SANDY CLAY

SAND FINE TO VF (WEATHERED SHALE,

ABUNDANT ROCK WEATHERED FRAGMENTS

REFUSAL AT 7 1/2, BOTTOM OF BORING TF-08-02

TF-08-05 48" RECOVERY AT 0-5' NO

PID RESPONSE FOR 0-5'

0-0.75 DARK BROWN MOIST CLAYEY

0.75-3 1/2 - RED + WHITE ~~[illegible]~~ STIFF DRY CLAY VF 12/1/15

TRACE V.F. SAND, MED PLASTIC

3 1/2-5 1/2 MED DENSE RED F-M SAND AND CLAY

TRACE ROCK FRAGMENTS, DRY

CORE #2 5'-10' 51" RECOVERY, NO PID RESPONSE

5 1/2-13 STIFF DRY RED + WHITE CLAY

CORE #3 32" RECOVERY 10-13' - REFUSAL

AT 13' NO PID RESPONSE ENTIRE

3' LENGTH

12/1/15 WILCOX 277

TF-08-04 46" RECOVERY 0-5'

DRILLER STATES REFUSAL AT 5' NO

PID RESPONSE ENTIRE CORE

0-0.75 DARK BROWN CLAYEY TOPSOIL

0.75-1.5 RED, DRY MED-STIFF SANDY CLAY,

SAND F-M, LOW PLASTICITY

1.5-2.0 STIFF DRY RED CLAY

2-3 MED DENSE DRY RED + BROWN F-M

SAND + CLAY

3-5' MED DENSE RED + WHITE DRY FINE

SAND AND CLAY

BOTTOM OF BORING AT 5'

TF-08-01 46" RECOVERY 0-5' *DRILLER

STATES REFUSAL AT 5' BGS* NO PID

RESPONSE LENGTH OF CORE

0-0.75 REDDISH-BROWN CLAYEY TOPSOIL

0.75 1.6 MED STIFF DRY RED CLAY, LITTLE

FINE SAND

1.6-2 MED STIFF DRY BROWN CLAY

2-5 STIFF DRY RED + WHITE CLAY, LITTLE

FINE SAND, ABUNDANT WEATHERED ROCK

FRAGMENTS

BOTTOM OF BORING AT 5' BGS

TF-08-08 DRILLER STATES REFUSAL AT

13' BGS CORE #1 0-5' 45" RECOVERY

0-0.75 REDDISH-BROWN CLAYEY TOPSOIL

12/1/15 WILCOX 277

0.75-5 MED STIFF RED + WHITE CLAY
TRACE V.F SAND LOW PLASTICITY
CORE #2 5-10' NO PID RESPONSE
5-6 RED MOIST FINE SAND + CLAY TRACE
WEATHERED ROCK FRAGMENTS, ROOTS
6-11 STIFF TO VERY STIFF DRY RED + WHITE
CLAY
CORE #3 10-13 DRILLER STATES REFUSAL
AT 13' 36" RECOVERY
11-13 RED STIFF TO VERY STIFF DRY CLAY
TRACE WEATHERED SHALE FRAGMENTS
BOTTOM OF TF-08-08 AT 13' BGS.
TF-08-03 DRILLER STATES REFUSAL AT
2' BGS 24" RECOVERY, VP 12/1/15 ~~NO~~ PID RESPONSE
0-0.3 TOPSOIL
0.3-1.5' DARK + LIGHT BROWN FINE SAND +
CLAY
1.5-2 SAME, WHITE
BOTTOM OF BORING AT 2' BGS
TF-08-06 48" RECOVERY DRILLERS STATES
REFUSAL AT 5' BGS NO PID RESPONSE
0-1.0 DARK BROWN CLAYEY TOPSOIL
1.0-4 1/2 LT + DARK BROWN CLAY DARK BLACK
AREAS AT 16'-18" AND 24-25"
PID READINGS OF 50-1500 PPB AT
2 1/2-3'

Scale: 1 square = _____

12/1/15 WILCOX 277

4 1/2-5' RED F-M SAND + CLAY LITTLE
WEATHERED ROCK FRAGMENTS
BOTTOM OF BORING TF-08-06 AT 5' BGS
~~TF-0~~ VP 12/2/15 Jence Pagge 12/1/15

12/2/15 WILCOX 277

TF-08-09 49" RECOVERY DRILLER STATES
REFUSAL AT 13'
CORE #1 0-5' NO PID RESPONSE
0-0.75 REDDISH BROWN CLAYEY TOPSOIL
0.75-9 MEDIUM STIFF RED + WHITE LOW
PLASTICITY SANDY CLAY
9-11 RED MED STIFF DRY CLAY TRACE
WEATHERED ROCK FRAGMENTS, V.F.
SAND
CORE #2 5' RECOVERY, NO PID RESPONSE 5-10
CORE #3 10-13' 34" RECOVERY
NO PID RESPONSE
11-13 STIFF DRY RED MED PLASTICITY CLAY
LITTLE FINE SAND, WTHRD ROCK FRAGS
BOTTOM OF TF-08-09 AT 13' BGS
TF-08-07 DRILLER STATES REFUSAL
AT 14' CORE #1 0-5 NO PID
RESPONSE
0-0.75 BROWN CLAYEY TOPSOIL
0.75-1 1/2 RED + BROWN MED STIFF DRY
CLAY TRACE FINE SAND

Scale: 1 square = _____

12/3/15 WILCOX 277

1 1/2 - 5 1/2 MED DENSE DRY RED F-M SAND AND CLAY

CORE #2 5' RECOVERY, NO PID RESPONSE

5 1/2 - 11 RED + WHITE MED STIFF DRY CLAY, LOW PLASTICITY

CORE #3 10-14 4 3" RECOVERY, NO PID RESPONSE

11-14 STIFF DRY RED MED PLASTICITY CLAY TRACE MED HARD SHALE FRAGMENTS

BOTTOM OF TF-08-09 AT 14'

TF-08-10 CORE #1 0-5' 40" RECOVERY

0-0.5 REDDISH-BROWN CLAYEY TOPSOIL

0.5-1.5 REDDISH-BROWN SANDY CLAY, LOW PLASTICITY, SAND IS FINE

1.5-2 WHITE STIFF DRY CLAY

2-3 DARK REDDISH BROWN SANDY CLAY, LOW PLASTICITY, SAND F-M

3-5 1/2 RED CLAY TRACE VF SAND SOFT, LOW PLASTICITY

CORE #2 5-10' 5' RECOVERY, NO PID RESPONSE

5 1/2 - 7 1/2 WET SOFT RED CLAY AND VF SAND

7 1/2 - 10 RED + WHITE STIFF MOIST CLAY TRACE FINE SAND

10-13 STIFF DRY RED MED PLASTICITY CLAY TRACE SOFT SHALE FRAGMENTS

BOTTOM OF TF-08-10 AT 13', DRILLER STATE REFUSAL AT 13'

12/2/15 WILCOX 277

TF-06-02 DRILLER STATES REFUSAL AT 4' 27" RECOVERY NO PID RESPONSE

0-0.5 - REDDISH-BROWN CLAYEY TOPSOIL

0.5-1.5 REDDISH-BROWN CLAY AND FINE SAND, SOFT, LOW PLASTICITY

1.5-4 RED + GRAY STIFF DRY CLAY TRACE V.F. SAND, LOW PLASTICITY

BOTTOM OF BORING TF-06-02 AT 4' BGS

TF-06-05 DRILLER STATES REFUSAL AT 6' 51" RECOVERY 0-5'

NO PID RESPONSE

0-0.75 BROWN CLAYEY TOPSOIL

0.75-2 SOFT LT BROWN LOW PLASTICITY CLAY

2-3 1/2 MED STIFF DRY WHITE CLAY TRACE VF SAND, MED PLASTICITY

3 1/2 - 4 1/2 RED CLAY + VF SAND, SOFT, DRY, LOW PLASTICITY TRACE SS FRAGMENTS

4 1/2 - 6 SAME, WHITE

CORE #2 5-6' 15" RECOVERY, NO PID RESPONSE

BOTTOM OF TF-06-05 AT 6' BGS

TF-06-07 DRILLER STATES REFUSAL AT 1.5' 16 1/2 RECOVERY, NO PID RESPONSE

0-0.5 BROWN CLAYEY TOPSOIL

0.5 - 1 SOFT BROWN LOW PLASTIC CLAY AND FINE SAND

1 - 1.5 STIFF DRY RED LOW PLASTIC CLAY TRACE SOFT ROCK FRAGMENTS

BOTTOM OF BORING AT 1.5' BGS

TF-06-10 DRILLER STATES REFUSAL AT 4' NO PID RESPONSE, BUT SLIGHT PETROLEUM ODOR WHEN OPENING LINER 37 1/2" RECOV

0 - 0.5 REDDISH-BROWN LOAMY TOPSOIL

0.5 - 1.5 REDDISH-BROWN SOFT DRY CLAY AND FINE SAND

1.5 - 2.2 DARK GRAY SOFT DRY CLAY + FINE SAND LOW PETROLEUM ODOR

2.2 - 2.6 GRAY SOFT LOW PLASTIC CLAY + FINE SAND, MOIST

2.6 - 4 GRAY MED STIFF DRY CLAY TRACE ROOTS, HIGH PLASTICITY

BOTTOM OF 06-10 AT 4' BGS

TF-06-06 DRILLER STATES REFUSAL AT 3' 28" RECOVERY, NO PID RESPONSE

0 - 0.75 DARK BROWN CLAYEY TOPSOIL

0.75 - 1.6 SOFT DRY RED MED PLASTIC CLAY

1.6 - 2 DARK GRAY SOFT CLAY SANDY CLAY LITTLE ROCK FRAGMENTS, TRACE ROOTS

2 - 3 SOFT DRY RED + BROWN CLAY + FINE SAND, MED PLASTICITY

BOTTOM OF BORING AT 3' BGS

TF-06-09 DRILLER STATES REFUSAL AT 8.5' BGS 40 1/2" RECOVERY NO PID RESPONSE

0 - 0.75 BROWN CLAYEY TOPSOIL

0.75 - 3 SOFT MOIST LOW PLASTIC RED CLAY AND FINE SAND

3 - 7 MEDIUM STIFF RED + GRAY DRY MED PLASTICITY CLAY TRACE FINE SAND

CORE #2 37 1/2" RECOVERY, NO PID RESPONSE

7 - 8 1/2 MED. STIFF DRY MED PLASTIC WHITE CLAY + FINE SAND

BOTTOM OF TF-06-09 AT 8.5' BGS

TF-06-08 DRILLER STATES REFUSAL AT 5.5' CORE # 46 1/2" RECOVERY, NO PID RESPONSE

0 - 0.75 DK BROWN CLAYEY TOPSOIL

0.75 - 2 REDDISH-BROWN SOFT DRY LOW

2 - 3 1/2 PLASTIC CLAY AND FINE SAND

3 1/2 - 5.5 MED STIFF DRY LOW PLASTIC CLAY TRACE VF SAND

BOTTOM OF TF 06-08 AT 5.5' BGS

TF-06-04 DRILLER STATES REFUSAL AT 4' BGS 40" RECOVERY, NO PID RESPONSE

0 - 0.5 BROWN CLAYEY TOPSOIL

12/2/15

0.5-1 SOFT DRY RED FINE SAND + CLAY, LOW PLASTIC

1-2.6 DARK RED MED DENSE FINE SAND + CLAY

2.6-4 STIFF DRY LOW PLASTIC CLAY

BOTTOM OF BORING AT 4' BGS

TF-06-01 DRILLER STATES REFUSAL AT 1 FT BGS 42" RECOVERY

0-0.3 REDDISH-BROWN CLAYEY TOPSOIL

0.3-1.0 RED + WHITE SOFT DRY CLAY AND FINE SAND LOW PLASTICITY

BOTTOM OF TF-06-01 AT 1' BGS

TF-06-03 DRILLER STATES REFUSAL AT 3 1/2' 28" RECOVERY NO PID RESPONSE

0-0.3 DARK BROWN CLAYEY TOPSOIL

0.3-1.2 SOFT BROWN + RED DRY LOW PLASTIC CLAY AND FINE SAND

1.2-3 1/2 STIFF DRY GRAY AND WHITE MED PLASTIC CLAY LITTLE FINE SAND TRACE SOFT SANDSTONE FRAGMENTS

BOTTOM OF TF-06-03 AT 3 1/2' BGS

P-04-07 DRILLER STATES REFUSAL AT 3' BGS 28" RECOVERY NO PID RESPONSE

0-0.75 DARK BROWN CLAYEY TOPSOIL

12/2/15

0.75-3 RED + GRAY SOFT DRY CLAY + FINE SAND

BOTTOM OF P-04-07 AT 3' BGS

P-04-06 DRILLER STATES REFUSAL AT 3FT, 21" RECOVERY, NO PID RESPONSE

0-0.5 REDDISH-BROWN TOPSOIL

0.5-2.5 MED STIFF DRY RED LOW PLASTIC CLAY AND FINE SAND

2.5-3 SAME, STIFF

BOTTOM OF P-04-06 AT 3' BGS

P-04-04 DRILLER STATES REFUSAL AT 1 1/2' NO PID RESPONSE 18" REC'

0-0.5 DK BROWN CLAYEY TOPSOIL

0.5-1.5 DK BROWN TO RED TO LT BROWN SANDY CLAY MED STIFF, DRY, LOW PLASTICITY

BOTTOM OF P-04-04 AT 1 1/2' BGS

P-04-05 DRILLER STATES REFUSAL AT 1 1/2' BGS 18" RECOVERY NO PID RESPONSE

0-0.5 WET BROWN CLAYEY TOPSOIL

0.5-1.5 BROWN AND RED MED STIFF CLAY AND FINE SAND TRACE SOFT ROCK FRAGMENTS

BOTTOM OF P-04-05 AT 1 1/2' BGS

P-04-08 DRILLER STATES REFUSAL AT 4 1/2' BGS 46" RECOVERY

12/2/15

NO PID RESPONSE

0 - 0.4 DK BROWN CLAYEY TOPSOIL SOME ROOTS

0.4 - 1 SOFT DRY LOW PLASTIC SANDY CLAY, SAND FINE GRAINED

1 - 3.3 RED + GRAY CLAY, MED STIFF, TRACE F-M SAND, LOW PLASTICITY

3.3 - 4.5 STIFF DRY DARK RED LOW PLASTIC CLAY LITTLE F-M SAND TRACE SOFT ROCK FRAGMENTS

BOTTOM OF BORING P-04-08 AT 4 1/2' BGS

P-04-01 DRILLER STATES REFUSAL AT 4 1/2' BGS 46 1/2" RECOVERY PID READINGS OF 50 PPB - 150 PPB FROM 3 1/2 TO 4 1/2

0 - 0.5 SANDY TOPSOIL, DARK BROWN

0.5 - 3.0 SOFT DRY BROWN HIGH PLASTIC CLAY

3.0 - 4.5 RED + GRAY MED STIFF MED PLASTIC SANDY CLAY SLIGHT PETROLEUM ODOR 50 - 150 PPB ON PID FROM 3 1/2 - 4 1/2

12/2/15

P-04-02 DRILLER STATES REFUSAL AT 4' BGS 48" RECOVERY NO PID RESPONSE

0 - 0.5 DK BROWN SANDY TOPSOIL, SOME ROOTS

0.5 - 3 MED STIFF DRY HIGH PLASTICITY CLAY REDDISH - BROWN TRACE OF SAND

3 - 4 STIFF DRY RED + GRAY CLAY, DRY HIGH PLASTICITY TRACE SOFT ROCK FRAGMENTS

BOTTOM OF P-04-02 AT 4' BGS

P-04-03 DRILLER STATES REFUSAL AT 4 1/2' BGS 46 1/2" RECOVERY NO PID RESPONSE

0 - 0.75 BROWN CLAYEY TOPSOIL SOME ROOTS

0.75 - 2 SOFT DRY BROWN LOW PLASTIC CLAY LITTLE FINE SAND

2 - 2 1/2 SAME, WET

2 1/2 - 4 1/2 BROWN, GRAY + RED STIFF DRY SANDY CLAY LOW PLASTIC

BOTTOM OF BORING AT 4 1/2'

Jesse Pagge 12/2/15

12/3/15

LOR-06 DRILLER STATES REFUSAL AT 13.5' BGS

1ST CORE 0-5 29 1/2" REC NO PID RESPONSE

12/3/15

0 - 1 ASPHALT SUB BASE

1 - 1.5 BROWN DRY LOW PLASTIC SILT + F. SAND

1.5 - 4 SOFT DRY BROWN + GRAY SANDY CLAY SAND IS FINE SLIGHT HC LIKE ODOR, STRONGER WITH DEPTH TO 4'

CORE #2 5-10' 50" RECOVERY

PID = 1400 PPB TO 1740 PPB ~3' TO 4'

4 - 12 RED + WHITE SANDY CLAY

CORE #3 10-13 24" RECOVERY

NO PID RESPONSE

12-13.5 STIFF DRY RED + WHITE CLAY

BOTTOM OF BORING LOR-01 AT 13 1/2' BGS

LOR-12 CORE #1 0-5 36" RECOVERY

NO PID RESPONSE

0 - 0.15 ASPHALT + SUB BASE

0.15 - 1.3 BROWN SANDY CLAY, MOIST, TRACE FINE ANGULAR GRAVEL

1.3 - 2.5 RED + WHITE SANDY CLAY (F. SAND) SLIGHT HC ODOR

2.5 - 5 DARK GRAY + BROWN MED STIFF CLAY MED PLASTIC

CORE #2 40" RECOVERY 5-10' PID = 600 AT 6', 2150 AT 7, AND 1700 AT 7 1/2

5 - 7 RED SANDY CLAY, SAND IS FINE

12/3/15

7 - 11 1/2 BROWN + GRAY MED STIFF CLAY

11 1/2 - 12 GRAY SOFT MOIST SANDY CLAY

12 1/2 12 1/2 → 18 1/2 RED SANDY CLAY vs 12/3/15 SOIL

11 1/2 - 15' PID RANGE FROM 25 PPM TO ~~50 PPM~~

CORE #4 5' RECOVERY PID READINGS RANGE FROM 10-15 PPM FROM 15 - 18 1/2 18 1/2 - 20 NO RESPONSE

18 1/2 - 25 STIFF DRY GRAY LOW PLASTIC CLAY

CORE #5 3' RECOVERY PID READINGS RANGE FROM 5-10 PPM, HOWEVER SAMPLE IS "SOLAY" AND I'M NOT SURE HOW REPRESENTATIVE IT IS BOTTOM 2' IS SAME AS BOTTOM OF PREVIOUS CORE

25 - 26 STIFF DRY NON PLASTIC SANDY CLAY

PID RANGE FROM 1000 PPB - 2500 PPB

BOTTOM OF LOR-12 AT 26'

LOR-07 CORE #1 0-5' 33 1/2" REC

0 - 0.5 DK BROWN TOPSOIL

0.5 - 8 1/2 REDDISH-BROWN SOFT MED PLASTIC CLAY 5 - 8 1/2 PID = 200 - 2000 PPB

CORE #2 5-10' 54" RECOVERY

8 1/2 - 10 1/2 BROWN + GRAY SANDY CLAY, STRONG HC ODOR PID = 350 PPM, MOIST

CORE #3 10 - 13 1/2 30" RECOVERY

PID READINGS 150 - 250 PPM

12/3/15

10 1/2 - 12 1/2 RED STIFF MOIST SANDY CLAY PID = 200-250 PPM

BOTTOM OF LOR-01 AT 12 1/2' BGS

1440 DROVE EXTRA 10-15 CORE AT LOR-12, COLLECTED FD-01 (DUPLICATE SAMPLE)

Vince Piazza

12/3/15

12/5/15

1145 FINISHED AT SCALE HOUSE AREA

VP, LW + AW MOB TO LOG WIL-AA-0

1ST CORE 0-5' 5' RECOVERY PID READINGS FROM 0-3 0 PPB 3-4' 10-30 PPB

4-5' 450-480 PPB

0-8 1/2 SOFT WET BROWN SANDY CLAY MED PLASTICITY SAND FINE GRAINED FOUL, SOUR ODOR, STRONG

CORE #2 5-10' 5' RECOVERY PID 5-7 1/2 100-200 PPB 7 1/2 - 8 500 PPB

8-10 40-50 PPB SAME ODOR, STRONG

8 1/2 - 13 STIFF DRY BROWN GRAY HIGH PLASTICITY CLAY

CORE #3 5' RECOVERY PID READING

10-12 50-100 PPB 12 - 13 VP 12/5/15 500-1300 PPB

~~15~~ 13 VP 12/5/15 - 15 50-100 PPB

13 - 13.7 SOFT REDDISH BROWN DRY LOW PLASTICITY CLAY SOME FINE SAND

STILL EXHIBITS STRONG FOUL SOUR ODOR

13.7 - 15 MED STIFF DRY BROWN MED PLASTIC CLAY LITTLE FINE SAND STILL HAS STRONG ODOR

BOTTOM OF BORING WIL-AA-01 AT 15'

1400 VP MOBS TO LOG TEST PITS DUG TO CLEAR WILCOX CPT BORINGS

WIL-05 TEST PIT ~ 20" DEEP

0-5" SANDY + SILTY TOPSOIL, DARK GRAY

5"-20" BROWN LOW PLASTICITY CLAY, SOME FINE SAND NO ODORS, NO PID RESPONSE

WIL-06 TEST PIT ~ 15" DEEP

0-3" DARK BROWN SANDY TOPSOIL, SOME CLAY

3"-15" RED + BROWN DRY LOW PLASTICITY CLAY LITTLE FINE SAND NO ODORS

AT 7"-8" BGS IS A HARD BLACK SLAG LAYER - PID = 1040 PPB

WIL-10 TEST PIT ~ 24" DEEP

0-3" DARK BROWN SILT AND FINE SAND (TOPSOIL)

3"-18" BROWN FINE SAND AND CLAY, SOFT, LOW PLASTICITY, DRY

18"-24" SAME, MOIST PID @ 18" = 70 PPB

WIL-11 TEST PIT 18" DEEP

0-8 1/2" SILTY TOPSOIL WITH LARGE SLAG

8 1/2 - 18" REDDISH-BROWN SOFT DRY HIGH PLASTICITY CLAY

12/5/15

CLAY - NO PID RESPONSE SLAG WHEN BROKEN 100-340 PPB

*WIL-13 TEST PIT ~18" DEEP

0-4" DARK BROWN SANDY TOPSOIL

SEE NEXT PAGE - LOGGING INTERRUPTED BY CPT RIG

WIL-19 TEST PIT ~19" DEEP

0-3" BROWN SANDY TOPSOIL

3"-7" GRAY & BROWN LOW PLASTICITY CLAY

7"-19" REDDISH-BROWN SOFT LOW PLASTIC CLAY SOME FINE SAND

UPPER 7" ALSO HAS COBBLES MIXED THROUGHOUT NO ODORS OR PID READINGS

WIL-18 TEST PIT ~17" DEEP

0-6" BROWN SANDY TOPSOIL

6"-12" ORANGE-BROWN LOW PLASTICITY CLAY

12"-17" GRAY BROWN FINE SAND & CLAY, SOFT, DRY, LOW PLASTICITY

NO ODORS OR PID RESPONSE IN TEST PIT

WIL-17 TEST PIT ~19" DEEP

0-5" LT BROWN SANDY TOPSOIL

5"-19" GRAY-BROWN SOFT LOW PLASTIC CLAY LITTLE FINE SAND, DRY

NO ODORS OR PID RESPONSE IN TEST PIT WIL-17

12/5/15

WIL-16 TEST PIT ~17" DEEP

0-4" BROWN CLAYEY TOPSOIL

4"-11" STIFF DRY BROWN NON PLASTIC CLAY

11"-17" MED STIFF DRY DARK BROWN MED PLASTIC CLAY

NO ODORS OR PID RESPONSE IN TEST PIT WIL-16

WIL-15 TEST PIT ~16" DEEP

0-5" BROWN CLAYEY TOPSOIL

5"-16" SOFT GRAY BROWN CLAY, DRY, LOW PLASTIC NO ODORS OR PID RESPONSE IN TEST PIT WIL-15

*WIL-13 TEST PIT ~14" DEEP

0-3½" BROWN CLAYEY TOPSOIL

3½-5½" REDDISH-BROWN SOFT DRY LOW PLASTIC CLAY AND FINE SAND

5½-14" DARK GRAY FINE SAND AND CLAYEY SILT LITTLE SLAG, MED STIFF, NON-PLASTIC NO ODORS OR PID RESPONSE IN TEST PIT WIL-13

WIL-12 TEST PIT ~19" DEEP

0-3" REDDISH-BROWN DRY MED PLASTIC SANDY CLAY

3"-14" DARK GRAY F-M SAND, SILT, FINE GRAVEL AND SLAG

14-19" SOFT DRY REDDISH-BROWN SANDY SANDY CLAY

12/5/15 (CONT'D)

NO ODORS OR PID RESPONSE IN WIL-1[illegible]

1600 LW + AW REPORT NEARBY GUN FIRE, ALL PERSONNEL EXIT WILCOX AREA

[signature]

12/5/15

12/7/15

0715 VP + JM ONSITE MOB TO SET UP FOR DAYS SAMPLING ACTIVITIES

0745 SAFETY MEETING

0800 ALL PERSONNEL MOBILIZE TO RESPECTIVE WORK AREAS

WIL-30 38" RECOVERY PID READINGS -
0-4' NO RESPONSE
4-5' 8500 - 9300 PPB

0-0.25 BROWN SANDY TOPSOIL, TRACE ROOTS, FINE ANGULAR GRAVEL, DRY

0.25-0.5 DARK GRAY FINE SAND & SILT TRACE FINE SUBANGULAR GRAVEL, DRY NON PLASTIC

0.5-8½ REDDISH-BROWN SOFT DRY SILT SOME FINE SAND, NON-PLASTIC MOIST AT 4' AND COLOR CHANGES TO GRAY

CORE #2 - 46" RECOVERY PID READINGS -
5-6 2400 PPB 6-7 162 PPM
7-8 100-200 PPM 8-9 10,000 - 14,000 PPB

12/7/15

9-10 - 2,000 - 3,000 PPB

8½-14 RED & WHITE MED STIFF SANDY CLAY DRY, LOW PLASTICITY

CORE #3 50" RECOVERY PID READING
10-12 ~10,000 PPB 12-14 3000 - 3500 PPB

END OF WIL-30 AT 14' BGS

WIL-29 CORE #1 0-5 46" RECOVERY
PID READINGS 0-2 11,000 PPB 2-4 1,600 PPB
4-6 95,000 PPB 6-8 150-420 PPM
8-10 60,000 - 70,000 PPB

0-0.25 DARK BROWN SANDY TOPSOIL

0.25-1 DARK GRAY SANDY SILT, SOME SLAG

1-2 MED STIFF DRY MED PLASTICITY RED CLAY TRACE V.F. SAND

2-2½ DARK GRAY FINE SAND + SILT (STRONG HC ODOR)

2½-6½ MED STIFF DRY GRAY CLAY + FINE SAND (STRONG, SWEET HC ODOR)

6½-7.8 SOFT GRAY MED PLASTICITY CLAY (STRONG, SWEET HC ODOR)

7.8-10 STIFF DRY REDDISH-BROWN + GRAY NON-PLASTIC CLAY

BOTTOM OF WIL-29 AT 10' BGS

WIL-05 NO-0-5 CORE, RESAMPLED AND BROUGH TO LOGGING SITE

1ST CORE 0-5 RECOVERY

PID READINGS 0-2 0 PPB
2-4 ~~270 PP~~ 4-6 0 PPB
6-8 22 PPB 8-10 35 PPB
10-12 2,300 PPB 12-14 4,500 PPB
14-23 NO READINGS DUE TO 15-23
FOOT CORE BEING SOFT, FLUFFY
MATERIAL COMING IN FROM ABOVE
0-0.5 BROWN SANDY TOPSOIL
0.5-2 SOFT DRY BROWN LOW PLASTICITY CLAY
2-6 1/2 STIFF DRY RED MED PLASTICITY CLAY
6 1/2-14 SOFT DRY GRAY & RED CLAY & FINE SAND, NON-PLASTIC WET AT 12'
14-16 STIFF DRY LOW PLASTICITY RED & GRAY CLAY
16-23 NOT LOGGED DUE TO WET CLAY AND SAND FALLING INTO HOLE WHILE CHANGING CORE-BARREL
BOTTOM OF WIL-05 AT 23' BGS
WIL-25A 12/7/15 1ST CORE 0-5 5' RECOVERY
2ND CORE 5-10 5' RECOVERY
0-2 1/2 - DARK BROWN TO BROWN SOFT CLAY LITTLE FINE SAND, SLAG
2 1/2-3 1/2 SOFT DRY RED NON PLASTIC CLAY AND FINE SAND
3 1/2-6 1/2 RED MED STIFF DRY LOW PLASTICITY CLAY

PID READINGS 0 PPB UNK ~7'
7-8 510 PPB 8-9 5500 PPB
9-10 5500 PPB
6 1/2-13 MED STIFF DRY NON-PLASTIC CLAY AND FINE SAND ~~SAND~~ VP 12/7/15
(FAINT SWEET HYDROCARBON ODOR)
PID 10-12 3000 PPB 12-14 20 PPB
14-15 0 PPB MOIST AT ~14'
CORE #3 5' RECOVERY
13-15 STIFF DRY RED & GRAY CLAY LOW PLASTICITY CLAY
CORE #4 15-20 DID NOT LOG, LINER FILLED WITH WET, NON-COHESIVE SANDY "SOIL" DUE TO ENCOUNTERING WATER TABLE
BOTTOM OF WIL-25 AT 20 BGS
TF-1105 52' RECOVERY 0-5 CORE
#2 CORE 5' RECOVERY #3 CORE 5' RECOVERY
PID READING 0-5' 0 PPB
5-6 144 PPM 6-7 120 PPM
7-8 34 PPM 8-15 0 PPB
0-0.25 DARK BROWN CLAYEY TOPSOIL
0.25-1 REDDISH BROWN SANDY SILT
1-5 SOFT DRY REDDISH-BROWN CLAY, MED PLASTICITY
5-7 SOFT DRY GRAY SILT AND FINE SAND

12/7/15

NON-PLASTIC

7-12.6 SOFT DRY LOW PLASTICITY SANDY CLAY WET AT 8'/2'

12.6-15 MED STIFF DRY BROWN & GRAY HIGH PLASTICITY CLAY

END OF TF-1103 AT 15' BGS

1900 FINISHED BORINGS, START PACKING SAMPLES FOR SHIPMENT

1800 ALL PERSONNEL OFFSITE

Vince Pagge

12/7/15

12/8/15

0720 SPI + JM ONSITE MOB TO START DAYS TASKS

TF-1105 CORE #1 0-5 19" RECOVERY

CORE #2 5-10 47" RECOVERY

CORE #3 10-15 5' RECOVERY

NO PID RESPONSE UNTIL ~7' BGS

7-8 12 PPM 8-9 65 PPM 9-10 200 PPM

10-12 165 PPM 12-14 4200 PPB

14-15 2100 PPB

0-0.5 BROWN CLAYEY TOPSOIL

0.5-1.5 REDDISH-BROWN SOFT DRY CLAY

1.5-2.0 DARK GRAY SOFT DRY CLAY TRACE SLAG

2.0-6.0 MED STIFF DRY BROWN CLAY

12/8/15

SOME FINE SAND, TRACE ROOTS

6.0-8 MED STIFF DRY LOW PLASTICITY CLAY TRACE FINE SAND

8-13 GRAY DRY MED STIFF MED PLASTIC CLAY LITTLE FINE SAND (MODERATE HC ODOR)

13-15 SAME, MILD HC ODOR

BOTTOM OF TF-1105 AT 15' BGS

TF 1201 #1 0-5 48" RECOVERY

#2 5-10 51" RECOVERY

#3 10 12 1/2 36" RECOVERY

PID READINGS 0-2 0 2-4 0 PPB

4-6 315 PPM 6-8 280 PPM

8-10 12.5 PPM 10-12 25 PPM

0-0.75 BROWN SANDY TOPSOIL, SOME ROOTS

0.75-5 MED STIFF DRY BROWN LOW PLASTIC CLAY, LITTLE SILT MOIST SEAM 4.75-5

5-8 MED STIFF DRY GRAY SANDY CLAY, LITTLE SILT, MODERATE HC ODOR

8-11 MED STIFF DRY RED SANDY CLAY LITTLE SILT NO ODOR

11-12 1/2 STIFF DRY GRAY LOW PLASTICITY SANDY CLAY SAND FINE GRAINED, NO ODORS

12/8/15 WILCOX 277

BOTTOM OF BORING TF-1201 AT 12'/2'

TF-1205 #1 0-5 46" RECOVERY
#2 5-10 46" RECOVERY
#3 10-15 5' RECOVERY

PID 0-2 0 PPB 2-4 0 PPB
4-6 0 PPB 6-8 64 PPM
8-10 260 PPM 10-12 352 PPM
12-14 528 PPM 14-15 PPM 800

0-0.5 BROWN SANDY TOPSOIL SOME ROOTS

0.5-6 STIFF DRY BROWN LOW PLASTICITY CLAY LITTLE SILT TRACE FINE SAND

6-7 MED STIFF DRY RED & WHITE CLAY SOME FINE SAND

7-8 STIFF DRY RED LOW PLASTICITY CLAY SOME FINE SAND

8-15 MED STIFF DRY MED PLASTICITY CLAY SOME FINE SAND, MODERATE HC ODOR

BOTTOM OF TF-1205 AT 15' BGS

ALSO COLLECTED FD-02 FROM 8-10' SAME INTERVAL AS TF-1205 SAMPLE

TF-1206 #1 0-5 50" RECOVERY
#2 5-10 50" RECOVERY

NO PID RESPONSE ENTIRE LENGTH OF TF-1206

12/8/15 WILCOX 277

0-0.5 DARK BROWN CLAYEY TOPSOIL, SOME ROOTS

0.5-5½ STIFF DRY REDDISH-BROWN MED PLASTIC SILT TRACE ROOTS, V.F. SAND

5½-6½ SAME, NO ROOTS, LITTLE CLAY

6½-7½ MED STIFF DRY GRAY LOW PLASTIC CLAY, SOME FINE TO MEDIUM SAND

7½-10 STIFF DRY RED & GRAY MED PLASTIC CLAY LITTLE SILT, FINE SAND

BOTTOM OF TF-1206 BORING AT 10' BGS

WFL-2C CORE #1 0-5 47" RECOVERY
CORE #2 5-10 45" RECOVERY

PID 0-1 0 1-2 0
2-3 0 3-4 10 PPM
4-5 23 PPM 5-6 3 PPM
6-7 22 PPM 7-8 39 PPM
8-9 60 PPM 9-10 9730 PPM

0-2 STIFF GRAY DRY NON PLASTIC CLAY, F-C SAND & F-C ANGULAR GRAVEL

2-3 MED STIFF DRY BROWN CLAY, MED PLASTICITY TRACE V.C SAND

3-4 SAME, DARK GRAY, NO ODOR

4-9 STIFF DRY RED MED PLASTIC CLAY TRACE VF SAND

9-10 MED STIFF DRY WHITE MED PLASTIC

12/8/15 WILCOX 277

SILT TRACE CLAY, WEATHERED SANDSTONE FRAGMENTS

END OF WIL-20 AT 10' BGS

WIL-35 CORE #1 0-5 5' RECOVERY

CORE #2 5-10 5' "

CORE #3 10-15 5' "

PID 0-2 0 2-4 360 PPM

4-6 1505 PPM 6-8 1999 PPM

8-10 955 PPM 10-12 398

12-14 725 PPM 14-15 143 PPM

0-0.5 DARK BROWN TOPSOIL, SOME ROOTS

0.5-6 1/2 SOFT DRY RED-BROWN MED PLASTIC CLAY (SLIGHT HC ODOR) TRACE V.F SAND

6 1/2-8 1/2 MED STIFF DRY GRAY MED PLASTIC SANDY CLAY, SAND VF TO FINE, STRONG HC ODOR

8 1/2-13 SAME WITH LITTLE SILT, LOW PLASTICITY

13-15 MED STIFF DRY GRAY CLAY, MED PLASTICITY, LITTLE FINE SAND, SLIGHT HC ODOR

BOTTOM OF WIL-35 AT 15' BGS

WIL-14 CORE #1 0-5 5' RECOVERY

CORE #2 5-10 5' "

CORE #3 10-11 1' "

12/8/15 WILCOX 277

PID - 0-1 0 PPB 1-2 0 PPB

2-3 0 PPB 3-4 0 PPB

4-5 0 PPB 5-6 0 PPB

6-7 0 PPB 7-8 0 PPB

8-9 0 PPB 9-10 0 PPB

0-0.5 DK BROWN CLAYEY TOPSOIL LITTLE ROOTS

0.5-1 DARK BROWN DRY NON-PLASTIC SILT AND FINE SAND - LITTLE SLAG

1-3 MED STIFF DRY RED LOW PLASTIC CLAY LITTLE FINE SAND TRACE SILT

3-9 STIFF DRY RED MED PLASTIC CLAY TRACE V.F. SAND

9-10 STIFF DRY LOW PLASTICITY SILT, RED + WHITE

10-11 STIFF DRY WHITE NON-PLASTIC SILTY CLAY LITTLE VF SAND

BOTTOM OF BORING WIL-14 AT 11' BGS

1630 GEOPROBING DONE FOR TODAY START LABELING + PACKING COOLERS

1830 NP + JM OFFSITE

[signature]
12/8/15

12/9/15 WILCOX 277

0720 VP + JM ONSITE MOB TO SETUP
FOR DAYS ACTIVITIES

AA-GW03 CORE #1 0-5 44" RECOVERY
CORE #2 5-10 50" "
CORE #3 10-15 57" "

PID 0-2 0 PPB 2-4 7880 PPB
4-6 9080 PPB 6-8 578 PPM
8-10 121 PPM 10-12 7800 PPB
12-14 500 PPB 14-15 500 PPB

ENTIRE CORE FROM ~2-15' EXHIBITS
A FOUL, SOUR, BURNT RUBER LIKE ODOR

0-0.5 SOFT FINE SAND + SILT, DRY, TAN
0.5-3 SAME, BROWN TO DARK BROWN
3-7 SOFT DRY DARK BROWN MED PLASTIC
CLAY, TRACE VF SAND
7-10 STIFF DRY GRAY + BROWN SILT,
LITTLE CLAY, TRACE V.F. SAND
10-12.3 BROWN + GRAY SOFT LOW PLASTIC
CLAY, LITTLE FINE SAND
12.3-15 MED STIFF TO STIFF DRY BROWN
MED PLASTICITY CLAY TRACE SILT

BOTTOM OF AA-GW03 AT 15' BGS

1210 VP, AW + LW COLLECTED P-03-SAND-
SAMPLE FROM 0-6" FROM SANDY
CLAY PILE AT EXCAVATION AREA BEING
USED FOR BRIDGE RECONSTRUCTION

12/9/15 WILCOX 277

*WIL-41 CORE #1 0-5 *
CORE #2 5-10 *
CORE #3 *

* WIL-41 WAS NOT DRILLED TODAY
DRILLERS OBTAINED NEW SOIL SAMPLING
EQUIPMENT AND HAD TO CLEAN DRILL
RODS TO USE IT PROPERLY WIL-41
SHOULD BE COMPLETED TOMORROW

1730 ALL PERSONNEL OFFSITE

Vince Piazza
12/9/15

12/10/15 WILCOX 277

0720 VP + JM ONSITE - MOB TO START
DAYS ACTIVITIES

0725 SAFETY MEETING

0735 MOBILIZE TO WORK SITES

WIL-41 0-5 33" RECOVERY
5-10 41" RECOVERY
10-15 31"

PID 0-2 0 PPB 2-4 3760 PPB
4-6 9700 PPB 6-8 36 PPM
8-10 21 PPM 10-12 66 PPM
12-14 22 PPM 14-15 16 PPM

0-0.5 DARK BROWN SANDY TOPSOIL
0.5-3.5 DARK BROWN SANDY SILT SOME
LIGHT GRAY SLAG

3.5-4.5 DARK GRAY SILT AND F-C SAND
TRACE LIGHT GRAY SLAG
4.5-5.5 SOFT WET DARK GRAY CLAY
SOME WOOD, TRACE V.F SAND
5.5-8.5 SOFT WET BROWN LOW PLASTICITY
CLAY LITTLE ROOTS
8.5-13 SOFT GRAY LOW PLASTICITY WET
SANDY CLAY, MODERATE HC ODOR
13-15 MED STIFF DRY RED FINE SAND
AND SILT
BOTTOM OF WIL-41 AT 15' BGS

WIL-AA-10 0-5 5' RECOVERY
5-10 38" RECOVERY

PID 0-1 0 1-2 0
2-3 0 3-4 0
4-5 0 5-6 550 PPB
6-7 2650 PPB 7-8 12 PPM
8-9 24 PPM 9-10 8 PPM

0-6" MED STIFF DRY RED + WHITE SANDY CLAY
6"-5' STIFF DRY RED LOW PLASTIC CLAY
5'-9' MED STIFF DRY RED NON PLASTIC SILT TRACE SFS
9-10' MED DENSE WHITE DRY FINE SAND
+ SILT LITTLE WEATHERED SANDSTONE
FRAGMENTS
BOTTOM OF WIL-AA-10 AT 10' BGS
SAMPLED 8-10' DEPTH INTERVAL

WIL-AA-11 0-5 57" RECOVERY
5-10 57" RECOVERY
10-15 5' RECOVERY

PID 0-2 0 PPB 2-4 0 PPB
4-6 0 PPB 6-8 0 PPB
8-10 10 PPB 10-12 570 PPB
12-14 29 PPB 14-15 0 PPB

ENTIRE CORE HAS SLIGHT FUEL SOOK
BURNING RUBBER ODOR AS PREVIOUS AA
SAMPLES
0-0.75 LT BROWN SANDY TOPSOIL,
TRACE FINE ANGULAR GRAVEL
0.75-3 BROWN + GRAY MED STIFF DRY
SILT, SOME F-C SAND
3-6 1/2 STIFF DRY BROWN NON PLASTIC
SILT TRACE V.F. SAND
6 1/2-10 SOFT DRY GRAY-BROWN NON-PLASTIC
SILT LITTLE FINE SAND
10-13 1/2 MED STIFF DRY RED SANDY SILT
13 1/2-15 STIFF DRY RED MED PLASTIC CLAY
* BOTTOM OF WIL-AA-11 AT 15' BGS *
* CORRECTION - DRILLERS DRONE 15-20' CORE
NO PID RESPONSE FROM 15-20 BUT
CORE HAS DISTINCT AA ODOR
15-19 STIFF DRY RED MEDIUM PLASTIC CLAY
19-20 STIFF DRY GRAY HIGH PLASTICITY CLAY

12/10/15 WILCOX 277

* BOTTOM OF WIL-AA-11 AT 20' BGS *

1700 START PACKING + LABELING SAMPLES

1800 GF TO FEDEX TO SHIP VOLATILES

ALL OTHER PERSONNEL OFFSITE

Steve Page

12/10/15

12/11/15 WILCOX 277

0720 SH + TM ONSITE, PREP FOR TODAYS SAMPLING ACTIVITIES

TF-34-01 5-10 5' REC 0-5 36" REC

10-15 5' REC 15-20 5' REC

PID 0-2 0 PPB 2-4 0 PPB

4-6 0 PPB 6-8 130 PPM

8-10 22 PPM 10-12 20 PPM

12-14 19 PPM 14-16 2100 PPB

16-18 1580 PPB 18-20 5500 PPB

0-1 DENSE MOIST F-C SAND AND F-C ANGULAR GRAVEL (CRUSHED STONE ROADWAY)

1-5 MED STIFF DRY BROWN SILT, SOME FINE SAND

5-9½ SOFT WET DARK GRAY MED PLASTIC CLAY LITTLE OF SAND, STRONG HC ODOR

9½ - 10 DARK GRAY DRY HIGH PLASTICITY CLAY, MODERATE HC ODOR

12/11/15 WILCOX 277

10-14 MED STIFF DRY RED CLAY, FAINT HC ODOR, HIGH PLASTICITY

14-15 SAME, LITTLE SAND, MOIST

15-20 STIFF RED AND GRAY DRY MEDIUM PLASTICITY CLAY

BOTTOM OF TF-34-01 AT 20' BGS

LOR-18 0-5 39" RECOVERY

5-10 49" RECOVERY

10-15 53" RECOVERY

PID 0-2 0 PPB 2-4 82 PPM

4-6 94 PPM 6-8 175 PPM

8-10 168 PPM 10-12 147 PPM

12-14 31 PPM 14-15 540 PPB

BOTTOM OF LOR-18 AT 15' COLLECTED 6-8' INTERVAL AND FD-03 AT SAME DEPTH

LOR-25A 0-5 46" RECOVERY

5-10 5' RECOVERY

10-15 5' RECOVERY

PID 0 → 5' = 0 PPB

9-10 25 PPM 10-11 28 PPM

11-12 2520 PPB 12-13 14.7 PPM

13-14 34½ PPM 14-15 3000 PPB

0-1 BROWN DRY SOFT SANDY TOPSOIL

1-2.1 SOFT RED DRY SANDY SILT

2.1-2.5 MOD DENSE WHITE SAND AND SILT SOME SANDSTONE FRAGMENTS

12/11/15 WILCOX 277

2.5-7.5 SOFT DRY RED SILTY CLAY LITTLE V.F. SAND

7.5-10 SOFT GRAY DRY SILTY CLAY LITTLE VF SAND

10-11.5 SOFT WET BROWN CLAY TRACE FINE SAND, SLIGHT HC ODORS

11.5-14.5 MED STIFF DRY GRAY SILTY CLAY, LITTLE VF SAND, FAINT HC ODOR

14.5-15 STIFF DRY RED SILTY CLAY

BOTTOM OF LCR-25A, AT 15' BGS COLLECTED ~~2-4'~~ 6-8' VP 12/11/15 INTERVAL DUE TO LIF PROFILE, EVEN THOUGH NO PID RESPONSE AND 12-14' DUE TO PID READINGS, GRAY COLOR, AND FAINT HC ODORS

1630 ALL PERSONNEL PREPPING SAMPLES FOR SHIPMENT

1715 ALL PERSONNEL OFFSITE

Jance Pugg
12/11/15

12/12/15 WILCOX 277

0720 VP + JM ONSITE, SET UP TO PERFORM TODAYS SAMPLING ACTIVITIES, GATHER SUPPLIES, ETC

0800 VP + AW MOB TO TANK #3 FOR GPS COORDINATES

0910 VP MOBS TO COLLECT SLAG SAMPLE

12/12/15 WILCOX 277

FROM ETHYL AREA, TANK 34 BERM, AND AN ADDITIONAL SURFACE SAMPLE FROM ADDITIVES AREA

0930 COLLECTED SAMPLE OF SLAG PILE FROM ROADWAY SOUTHEAST OF ETHYL BLENDING AREA AND SCALE HOUSE (0-1")

1000 COLLECTED SURFACE SAMPLE (0-3") FROM WESTERN SIDE OF ADDITIVES AREA (0-3")

1030 COLLECTED SOFT SLAG SAMPLE FROM SIDEWALL OF TEST PIT AT WIL-54 (6"-12")

1200 LUNCH

1240 BACK ONSITE LW + AW MOB TO SHOOT LOCATIONS WITH TRIMBLE, VP MOBS TO COLLECT SUSPECTED TANK BOTTOM SAMPLES FROM "RED GATE ROAD"

1330 BACK ONSITE VP FINISHES ~~LOADING~~ 12/12/15 VP LABELING SAMPLE JAR LIDS

1400 JM CALLS VP NEED SOLDERING GUN TO REPAIR ROST RIG VP TO TRACTOR SUPPLY

1445 VP DROPS SOLDERING GUN W/ JM MOB TO HELP TOM KADY MAKE HIS MEASURING TOOL FOR ANOTHER SITE

12/12/15 (CONT) WILCOX 277

1530 VP + CF MOB TO TOWN FOR FUEL FOR GENERATOR + EXCAVATOR

1630 RE-FUELING COMPLETE

1645 START PACKING SAMPLES FOR SHIPMENT

1500 ALL PERSONNEL OFFSITE

Vince Piazza
12/12/15

12/14/15 WILCOX 277

0720 VP + JM + LW ONSITE
START LABELING + SORTING BOTTLES FOR GROUND WATER + SURFACE WATER SAMPLING PLANNED FOR TODAY

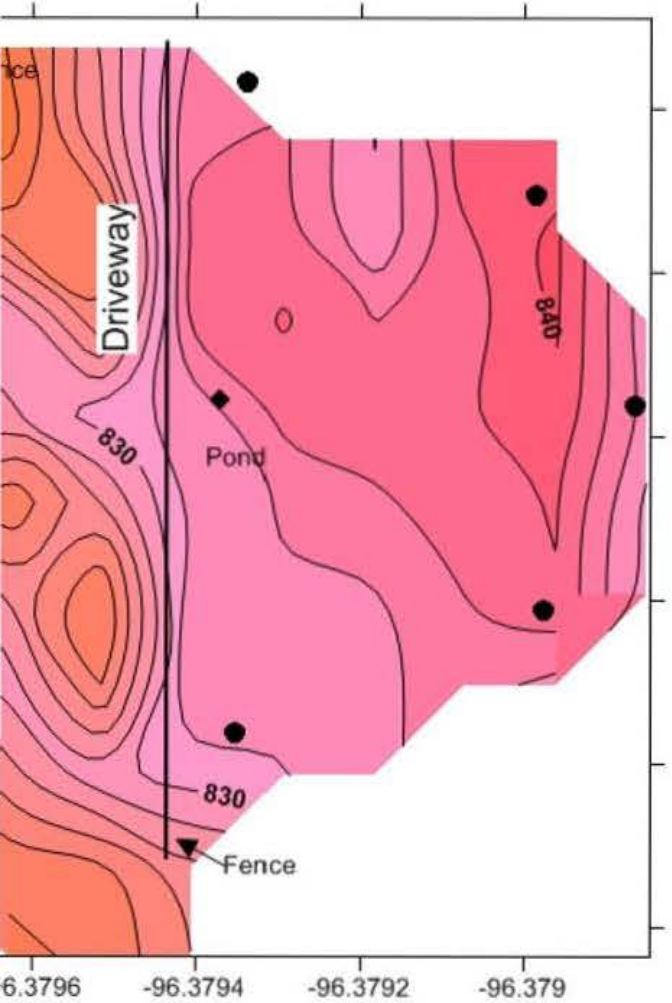
1030 VP + AW FINISH SAMPLING TF-34 DISCHARGE MOB TO TRAILER TO PLACE SAMPLES ON ICE

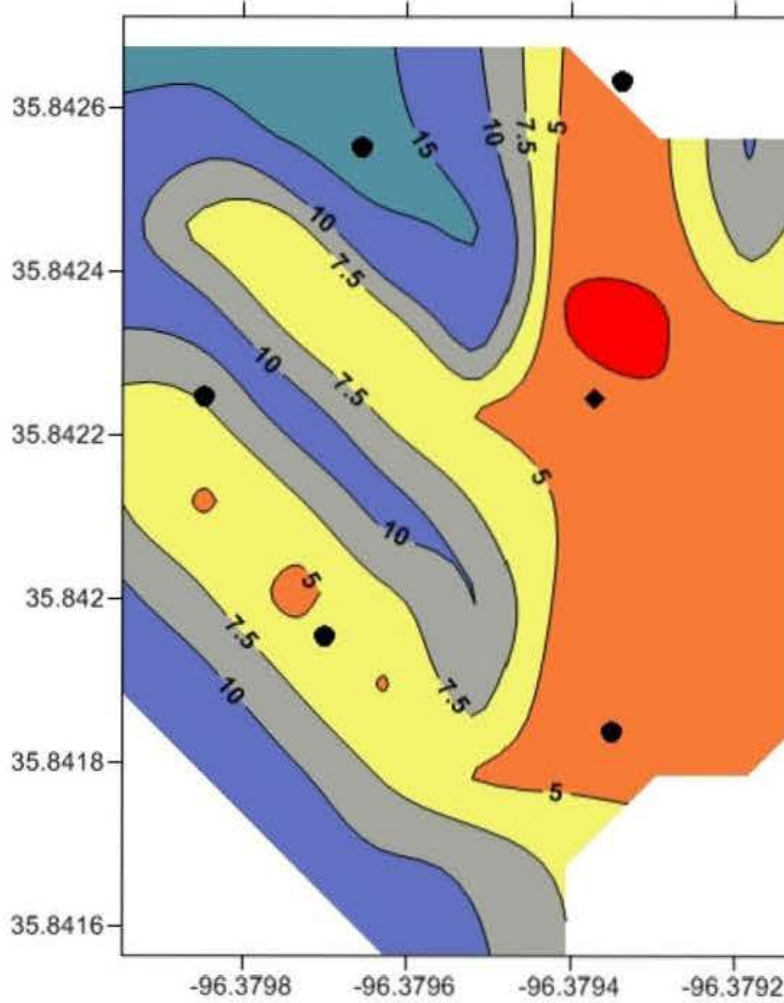
1230 LUNCH

1315 BACK ONSITE TO CONTINUE GW SAMPLING

1645 SAMPLES ON ICE, ALL PERSONNEL OFFSITE

Vince Piazza
12/14/15





rock Elevation (Feet above MSL)

816 820 824 828 832 836 840

Soil Thickness (Fee

0 2.5 5 7.5 10 15

N
W E
S

Investigation Area Center

Investigation Area Extent

Figure 10
Investigation A
Bedrock Elevation/Sc

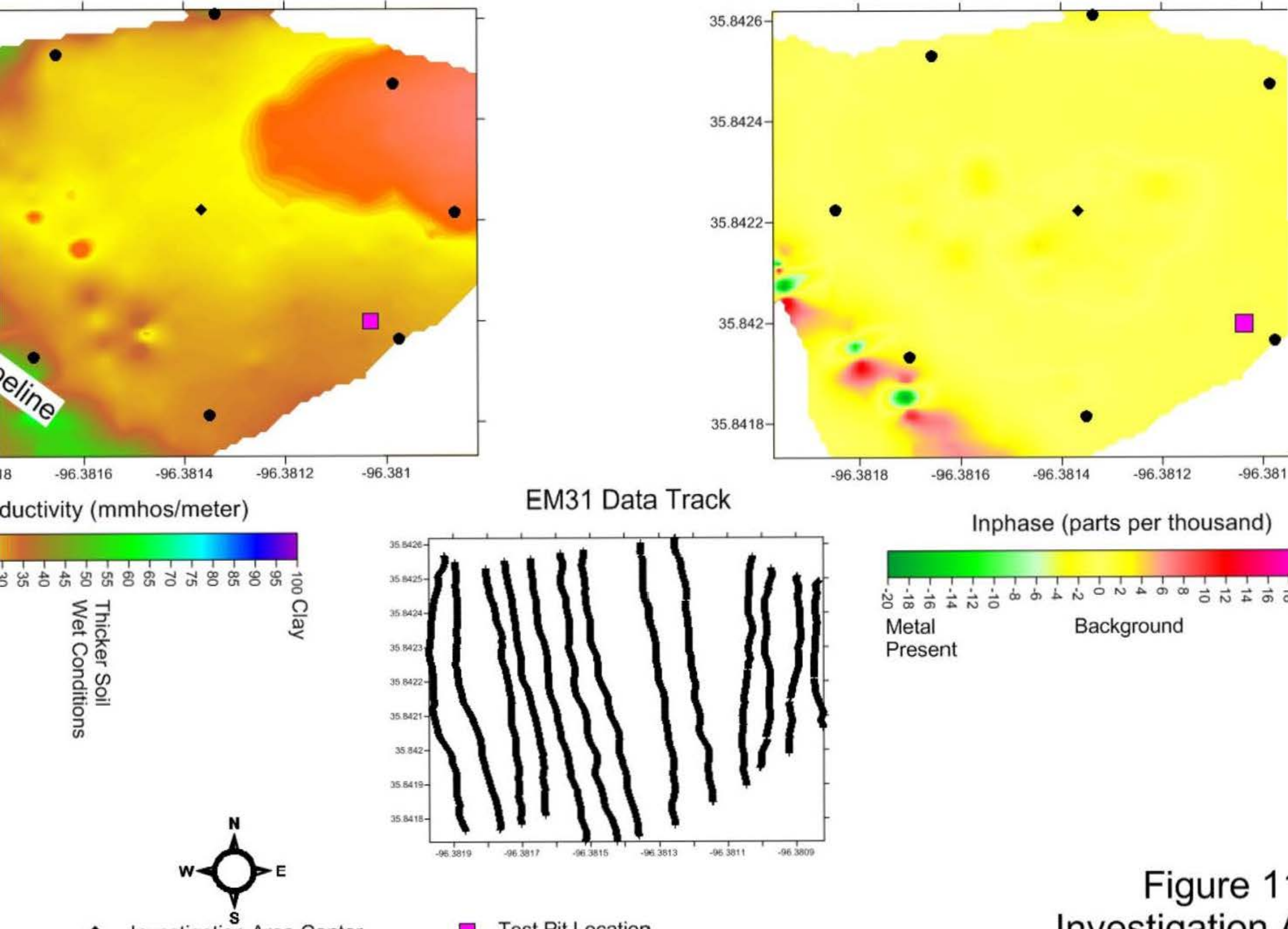
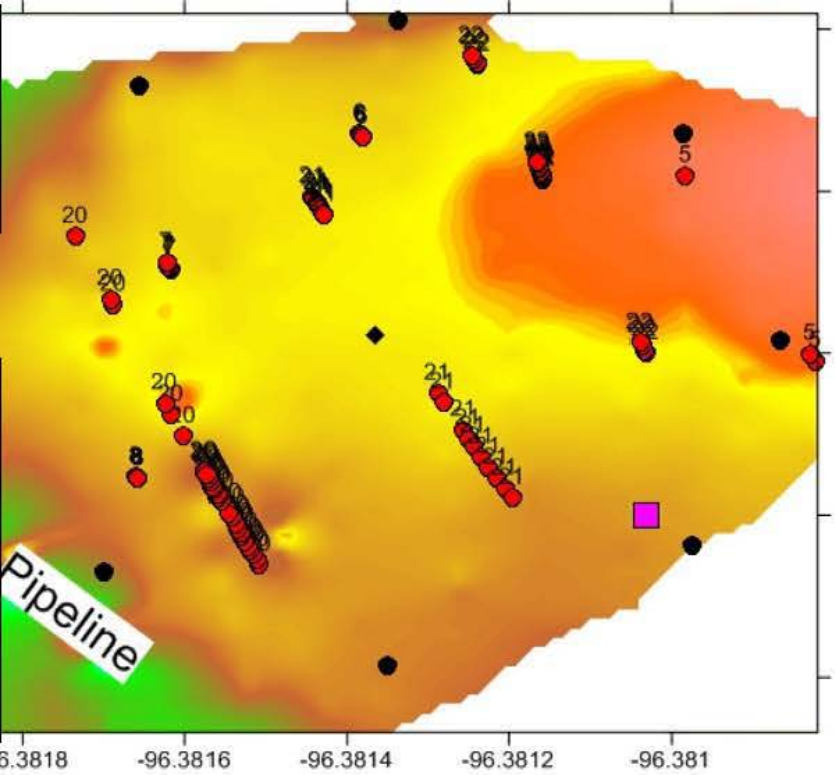
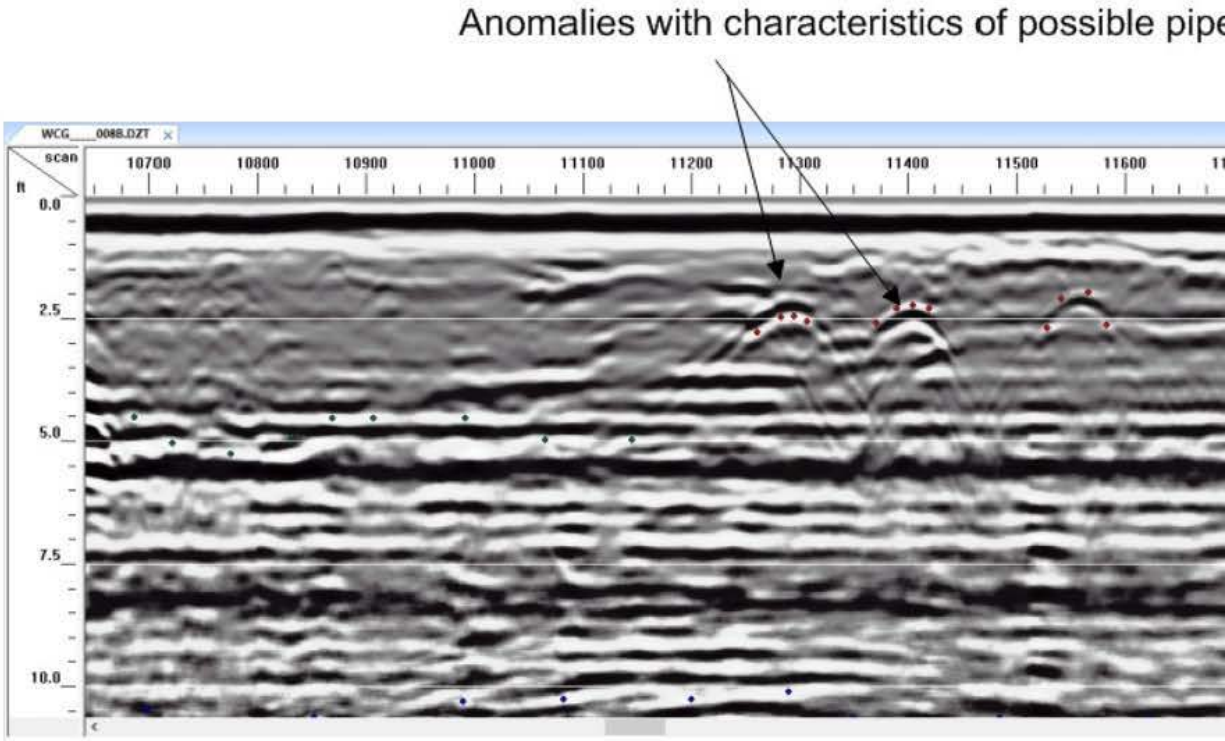
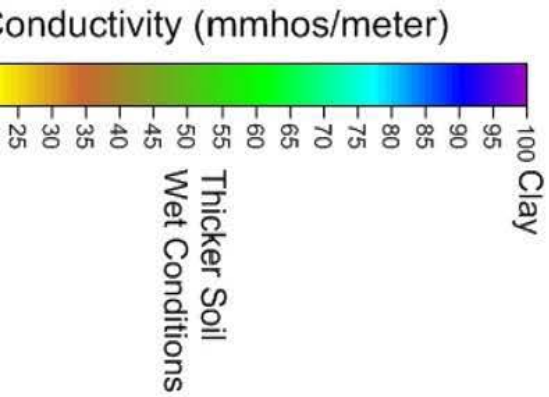


Figure 1
Investigation A
EM31 Resu







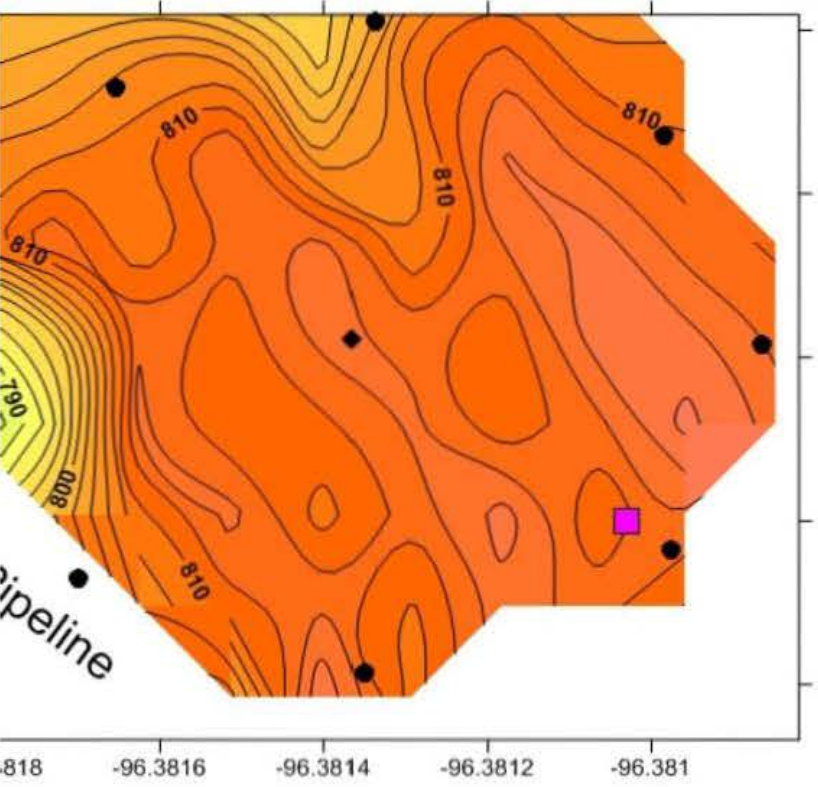
PR Anomaly
le Number

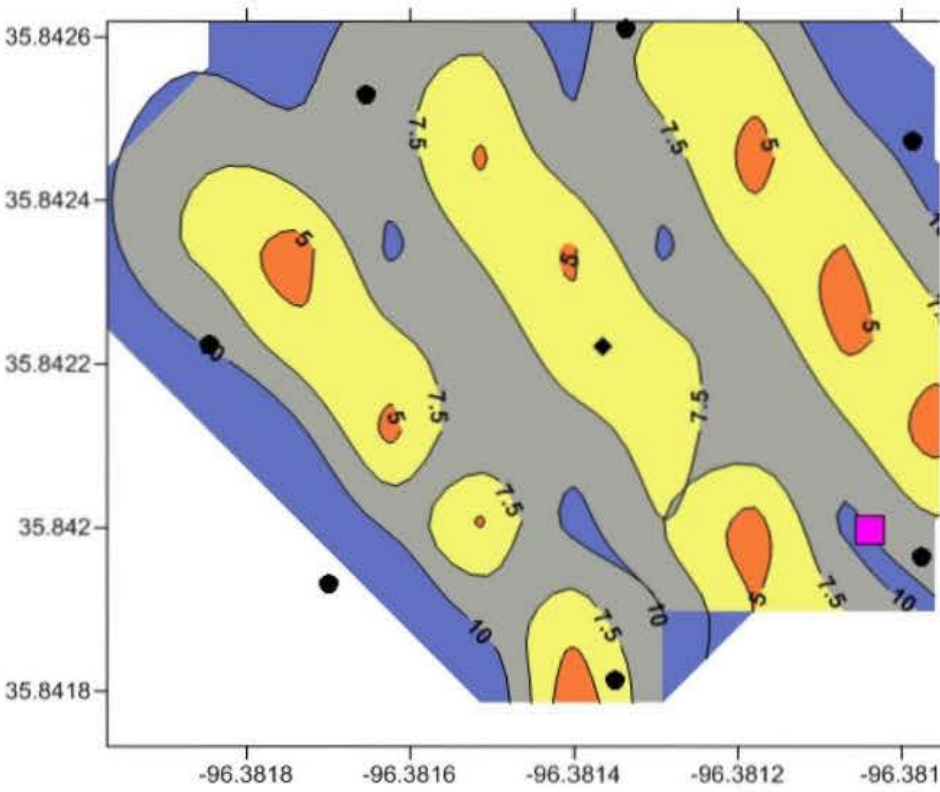
Investigation Area Center

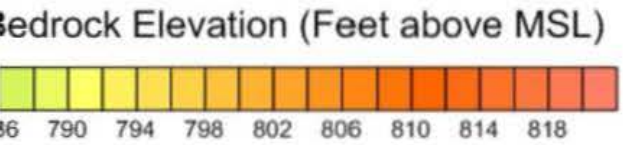
Test Pit Location

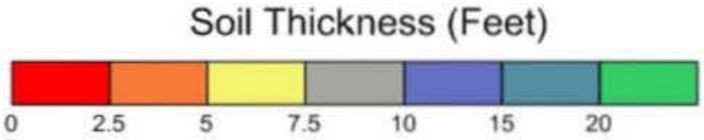
Investigation Area Extent

Figure 12
Investigation Area
Unknown GPR Anomalies a









◆ Investigation Area Center

■ Test Pit Location

● Investigation Area Extent

Figure 13
Investigation Area
Bedrock Elevation/Soil T

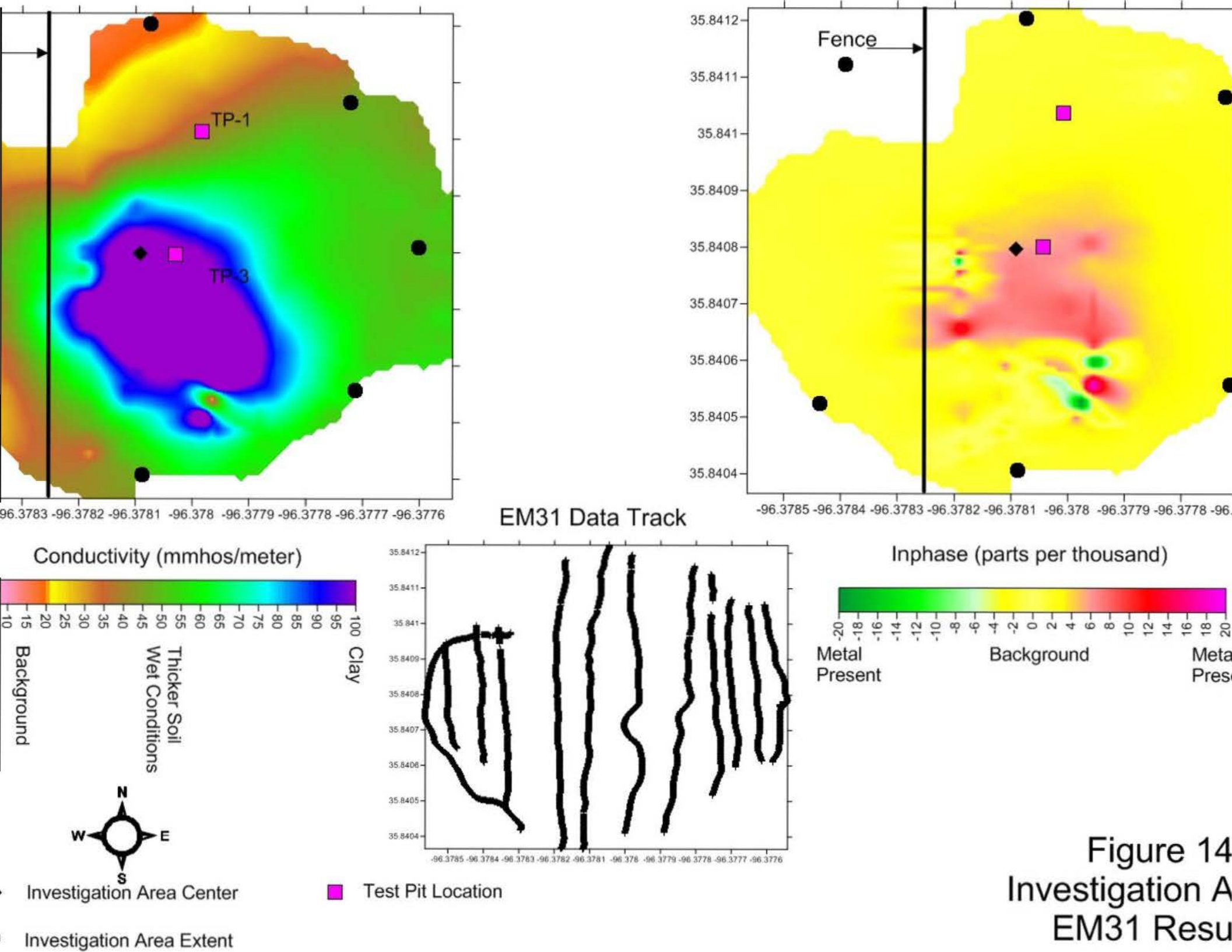
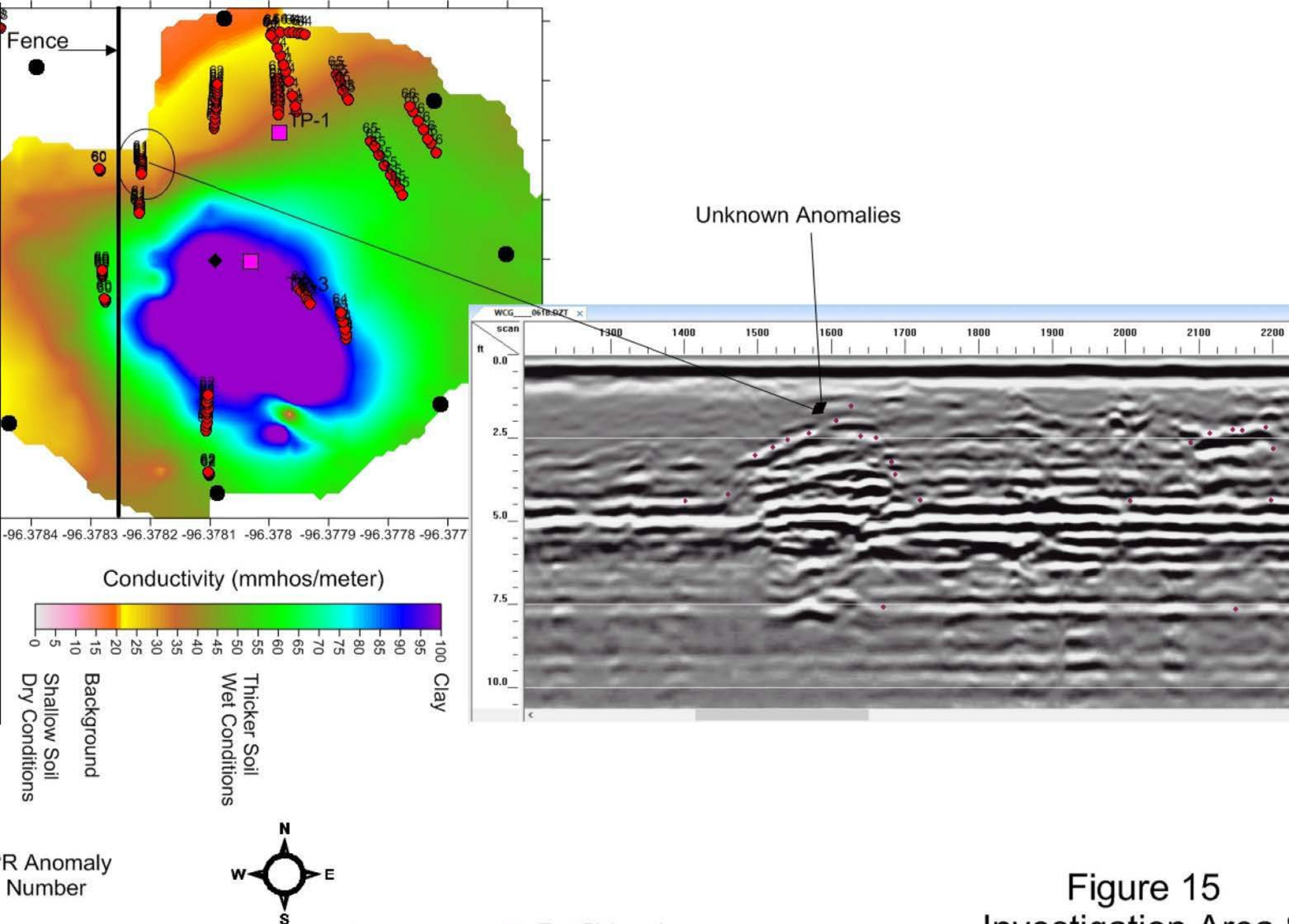


Figure 14
Investigation A
EM31 Resu



R Anomaly Number

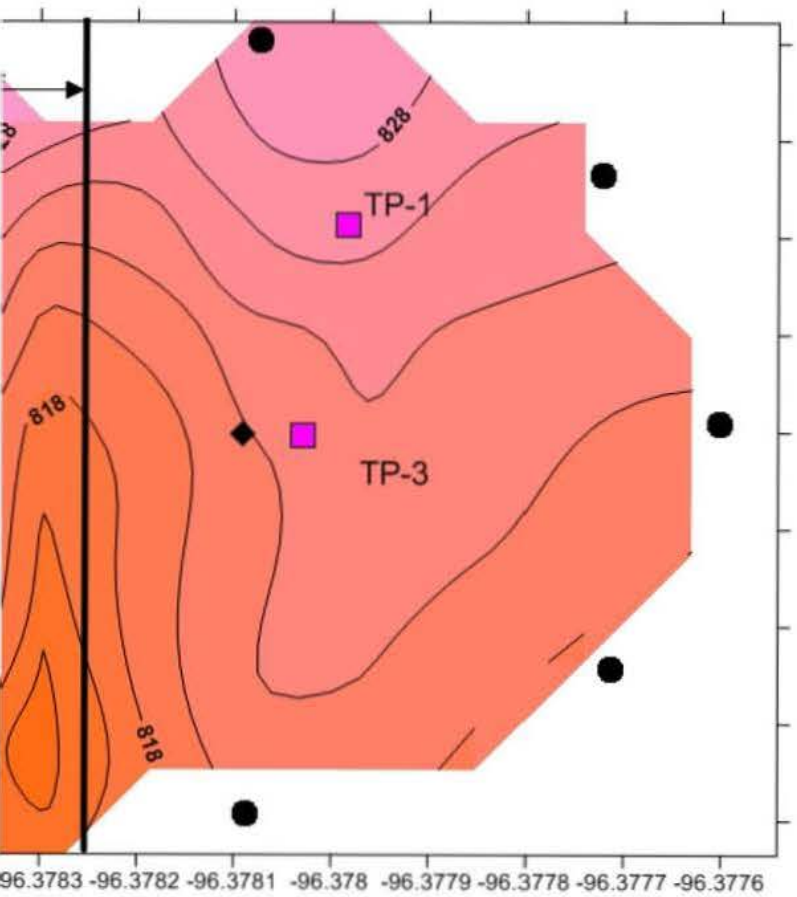
N
W
E
S

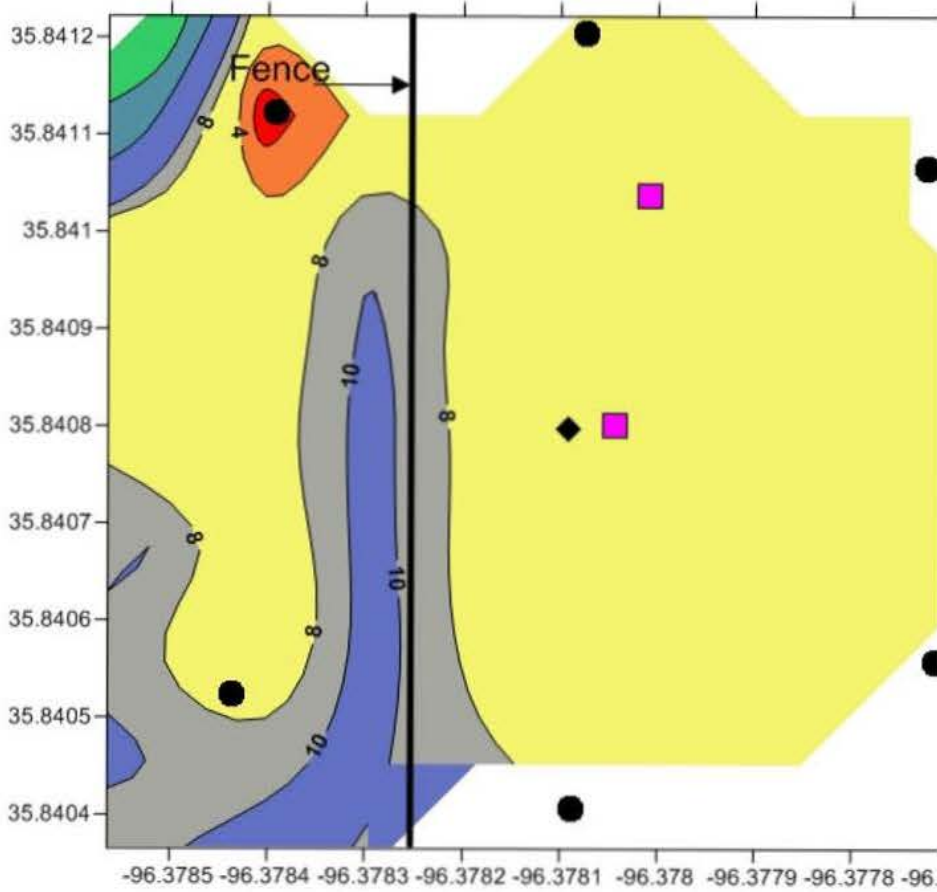
Investigation Area Center

Investigation Area Extent

Test Pit Location

Figure 15
Investigation Area 8
Unknown GPR Anomalies a





Bedrock Elevation (Feet above MSL)

806 810 814 818 822 826 830

Soil Thickness (Feet)

0 2 4 8 10 15 20

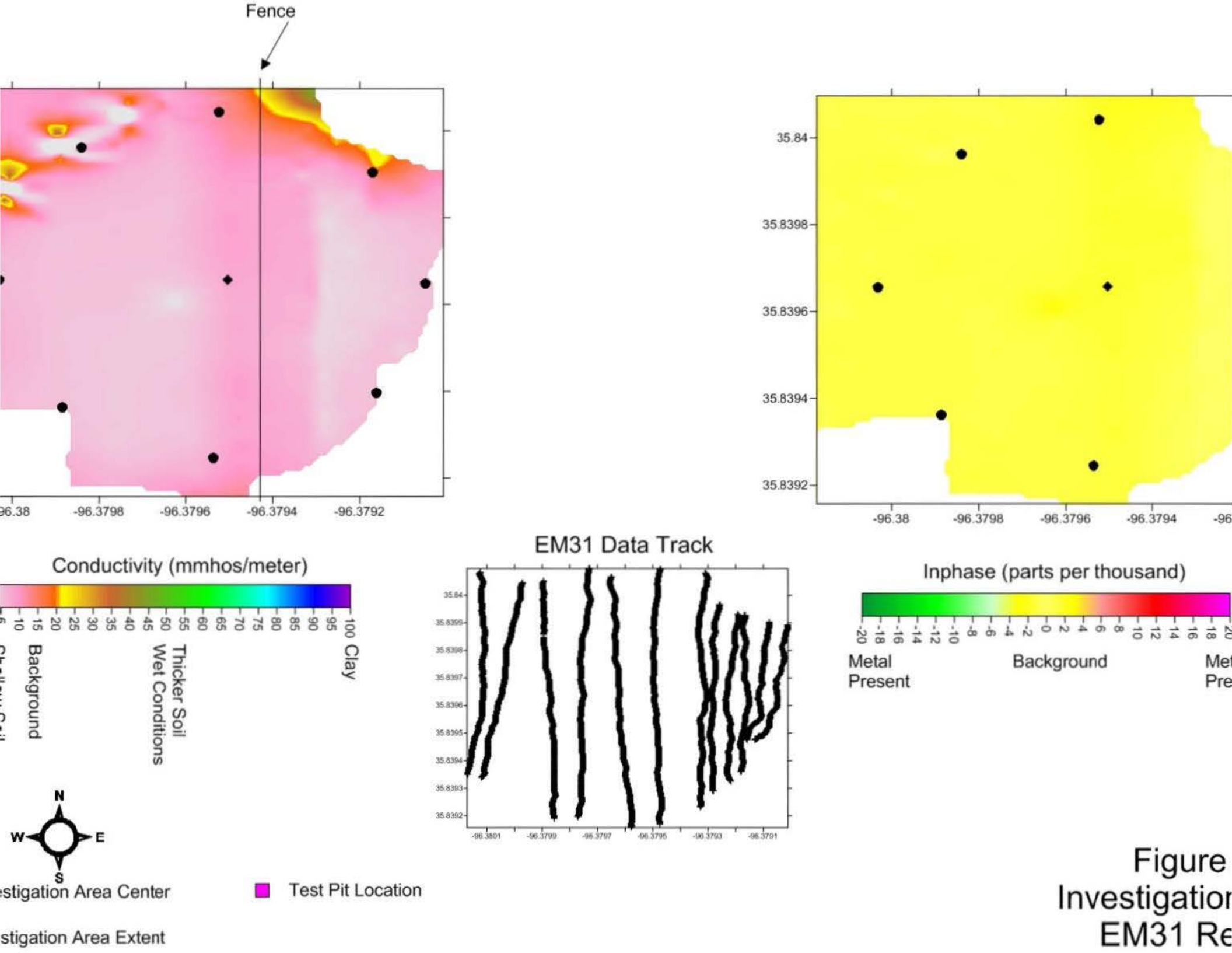
N W E S

Investigation Area Center

Investigation Area Extent

Test Pit Location

Figure 16
Investigation Area 8
Bedrock Elevation/Soil Thic


Fence
96.38
-96.3798
-96.3796
-96.3794
-96.3792
35.84
35.8398
35.8396
35.8394
35.8392
-96.38
-96.3798
-96.3796
-96.3794
Conductivity (mmhos/meter)
10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Background
Thicker Soil
Wet Conditions
Clay
EM31 Data Track
Inphase (parts per thousand)
-20 -18 -16 -14 -12 -10 -8 -6 -4 -2 0 2 4 6 8 10 12 14 16 18
Metal
Present
Background
N
W
E
S
estigation Area Center
Test Pit Location
stigation Area Extent
Figure
Investigation
EM31 Re

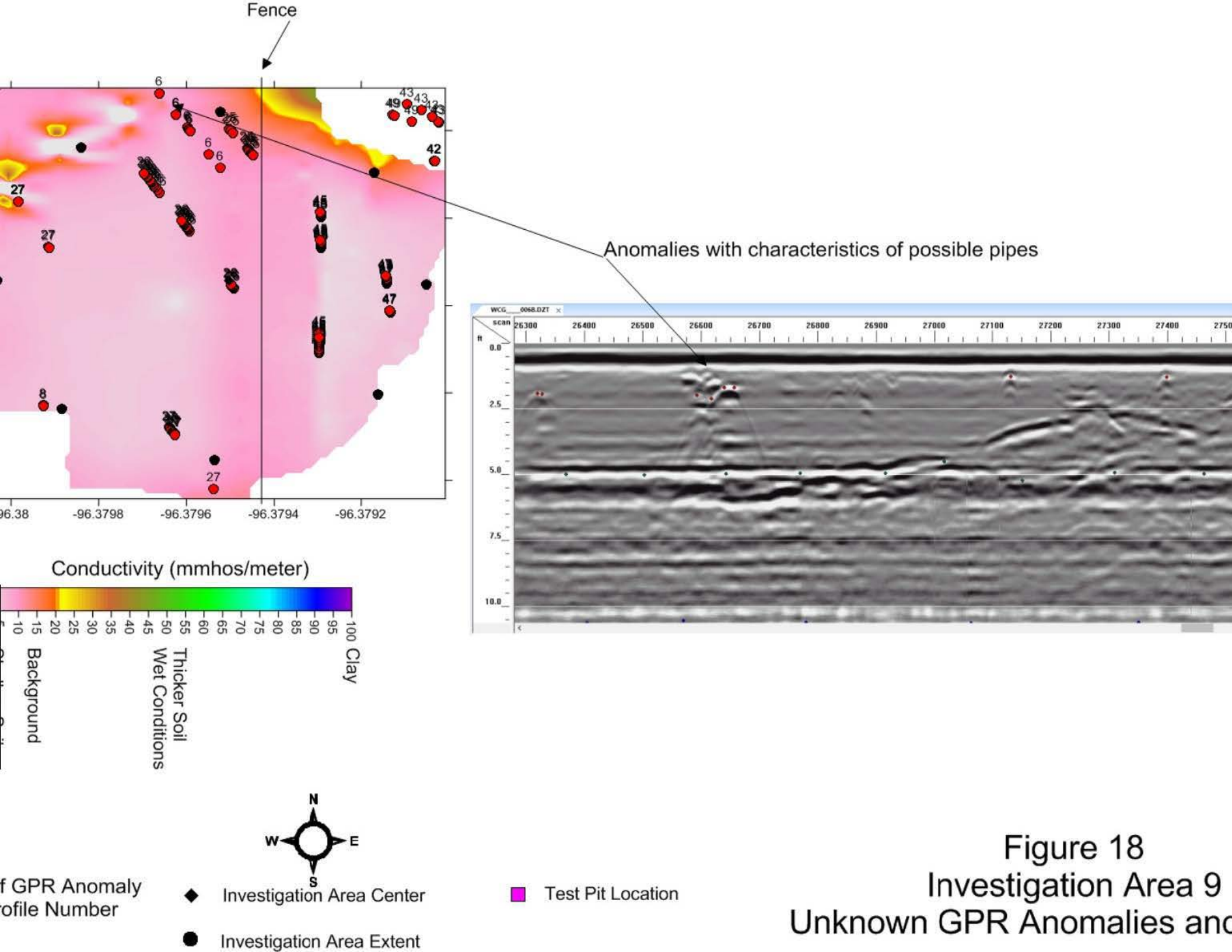
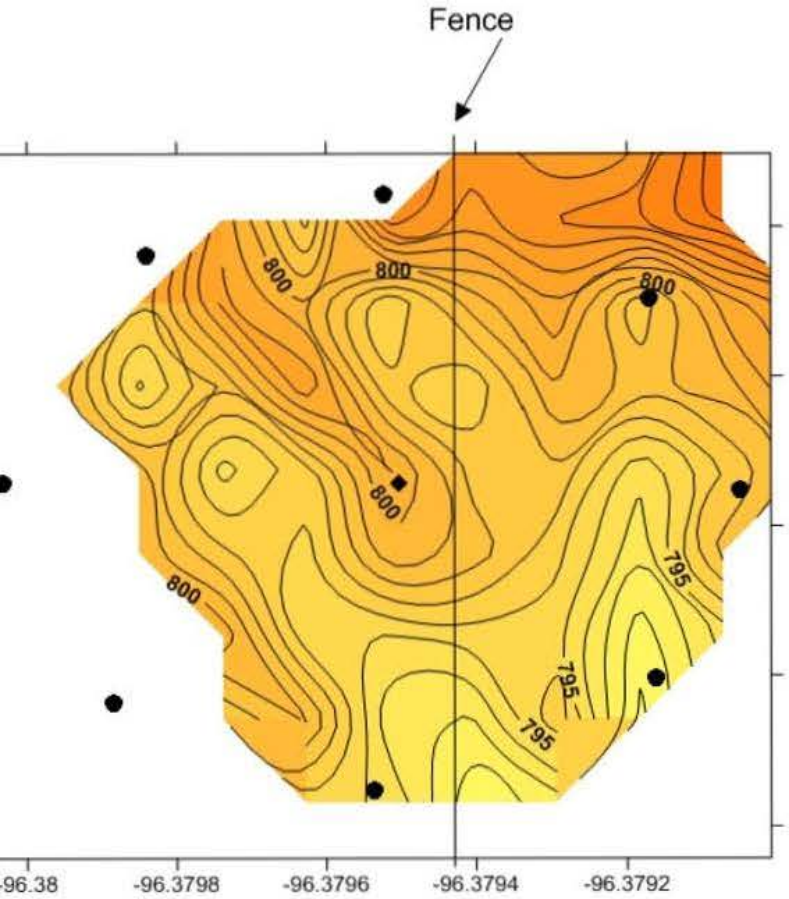
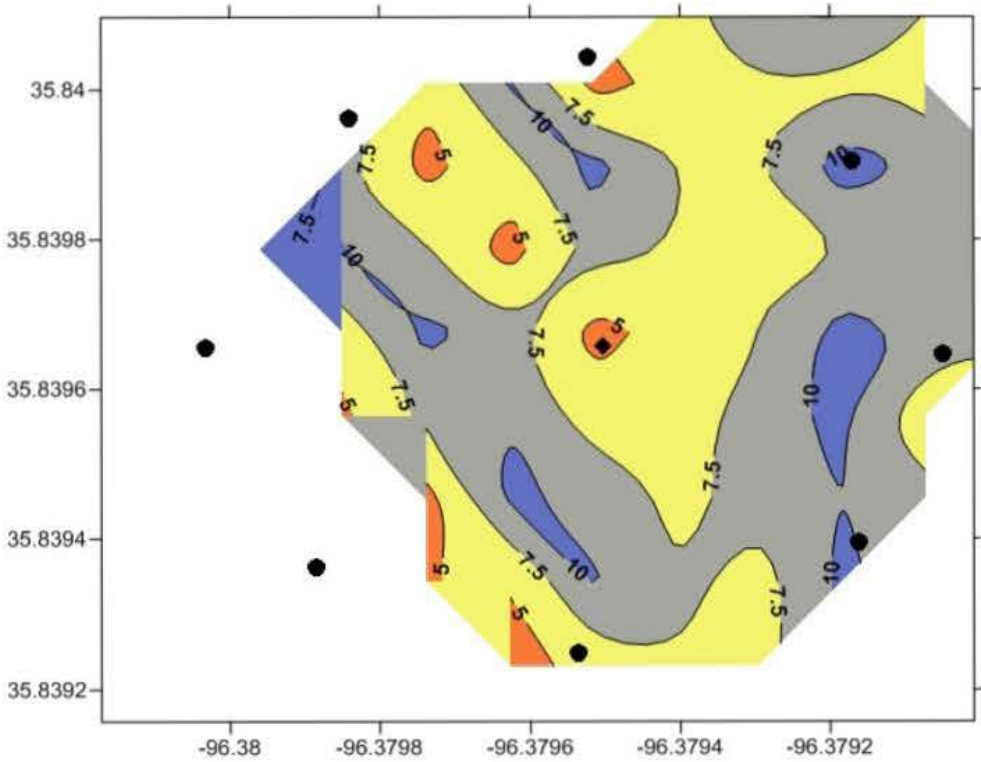


Figure 18
Investigation Area 9
Unknown GPR Anomalies and



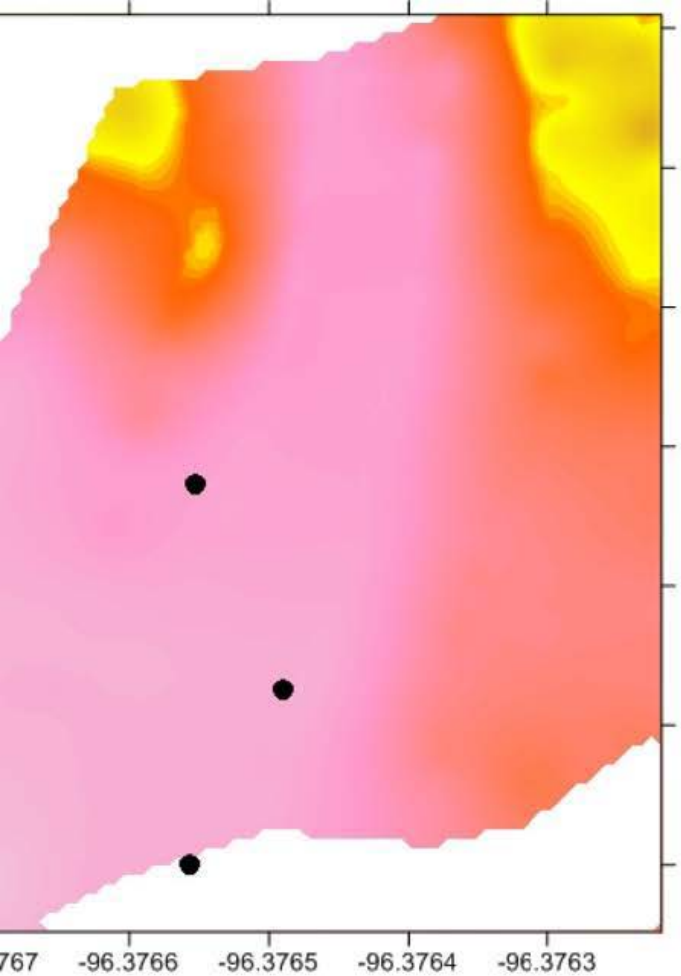


estigation Area Center

Test Pit Location

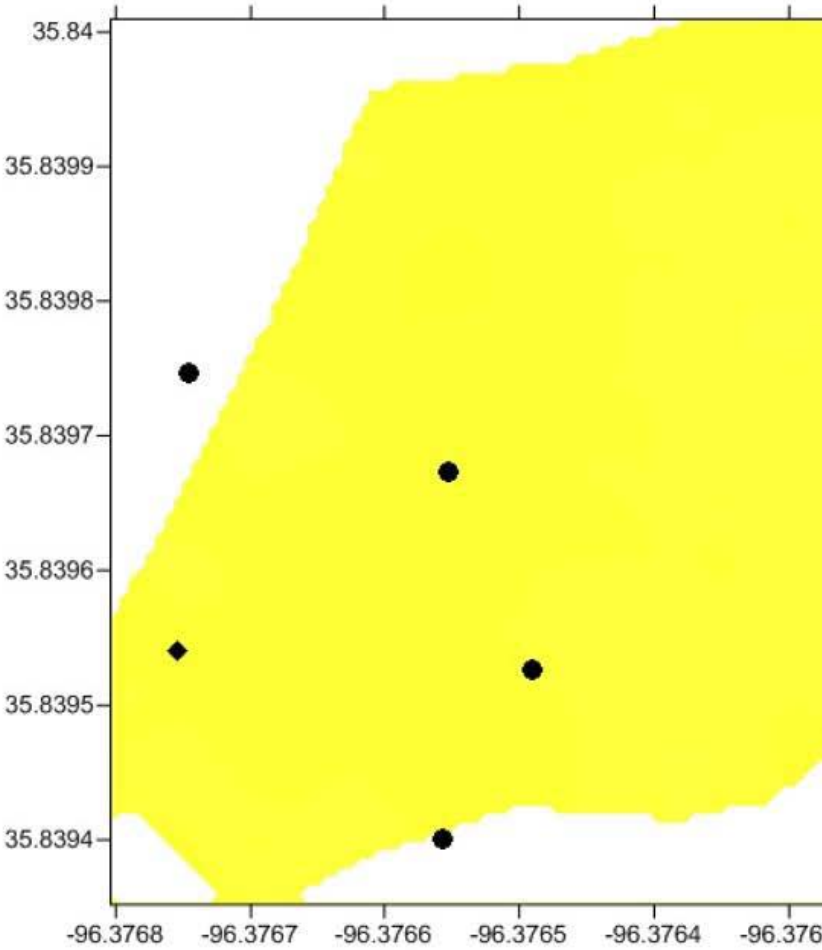
estigation Area Extent

Figure 19
Investigation Area
Bedrock Elevation/Soil Th

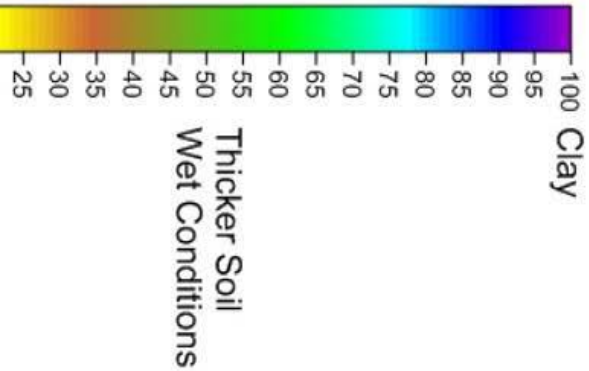


Investigation Area Center

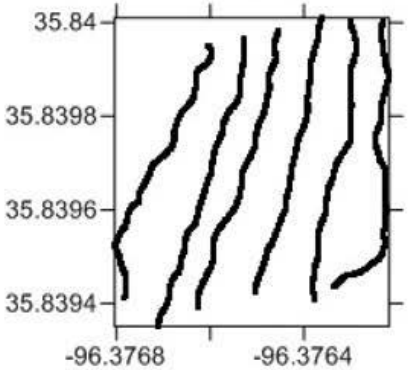
Investigation Area Extent



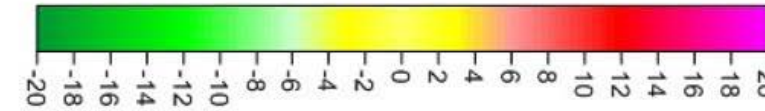
onductivity (mmhos/meter)



EM31 Data Track



Inphase (parts per thousand)



Figur
Investigatio
EM31 R

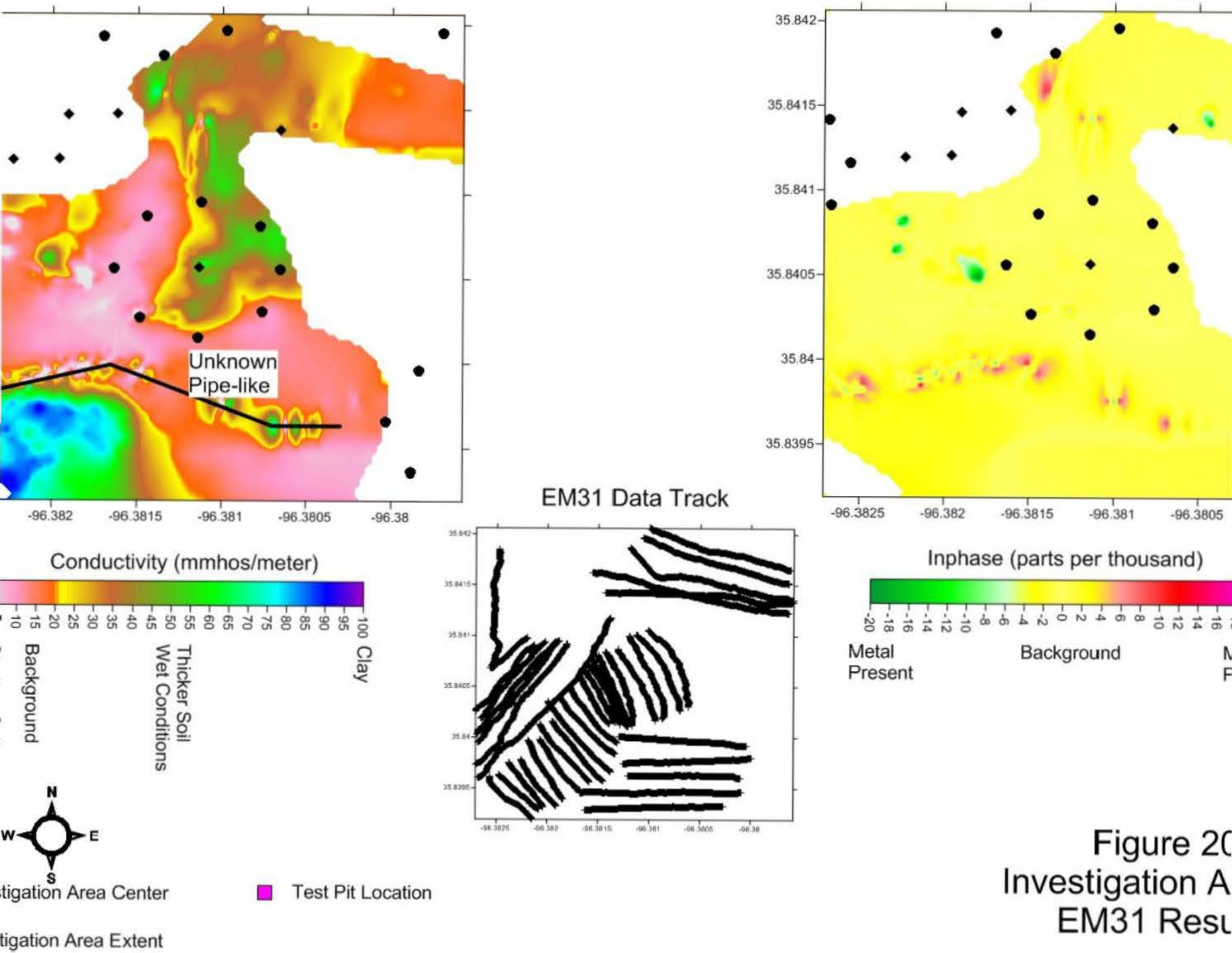
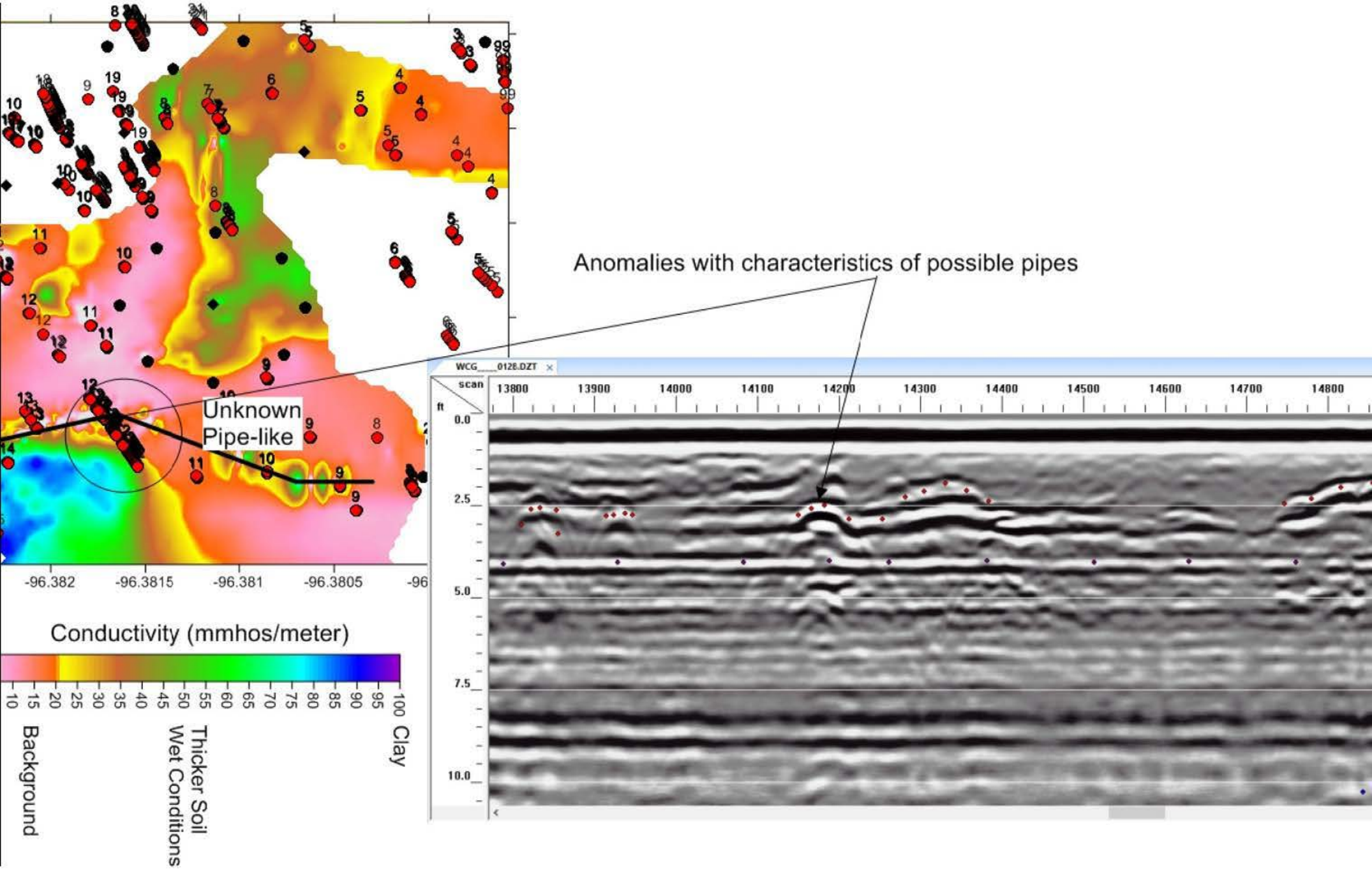


Figure 20
Investigation A
EM31 Resu



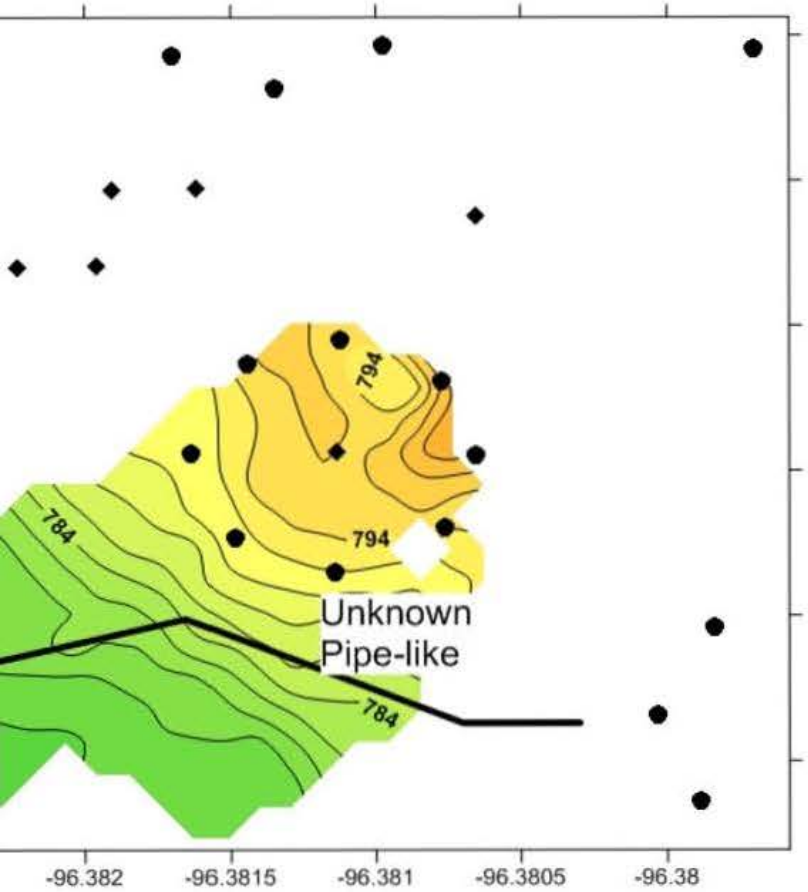
GPR Anomaly
file Number

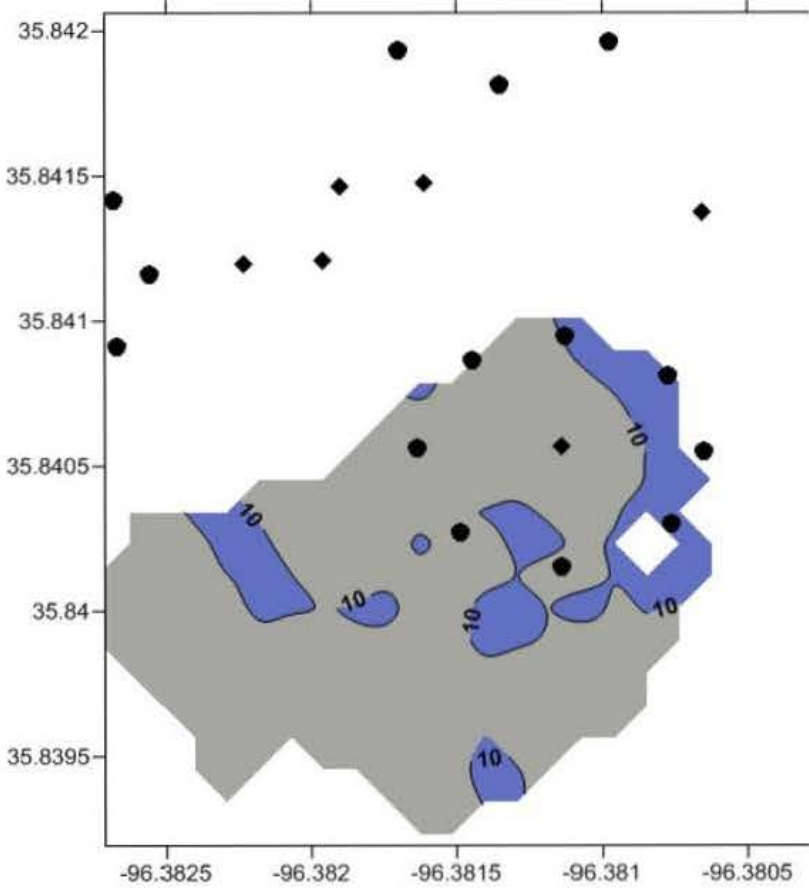
◆ Investigation Area Center

● Investigation Area Extent

■ Test Pit Location

Figure 21
Investigation Area 10
Unknown GPR Anomalies an





Bedrock Elevation (Feet above MSL)

778 782 786 790 794 798 802

Soil Thickness (Feet)

0 2.5 5 7.5 10 15 20

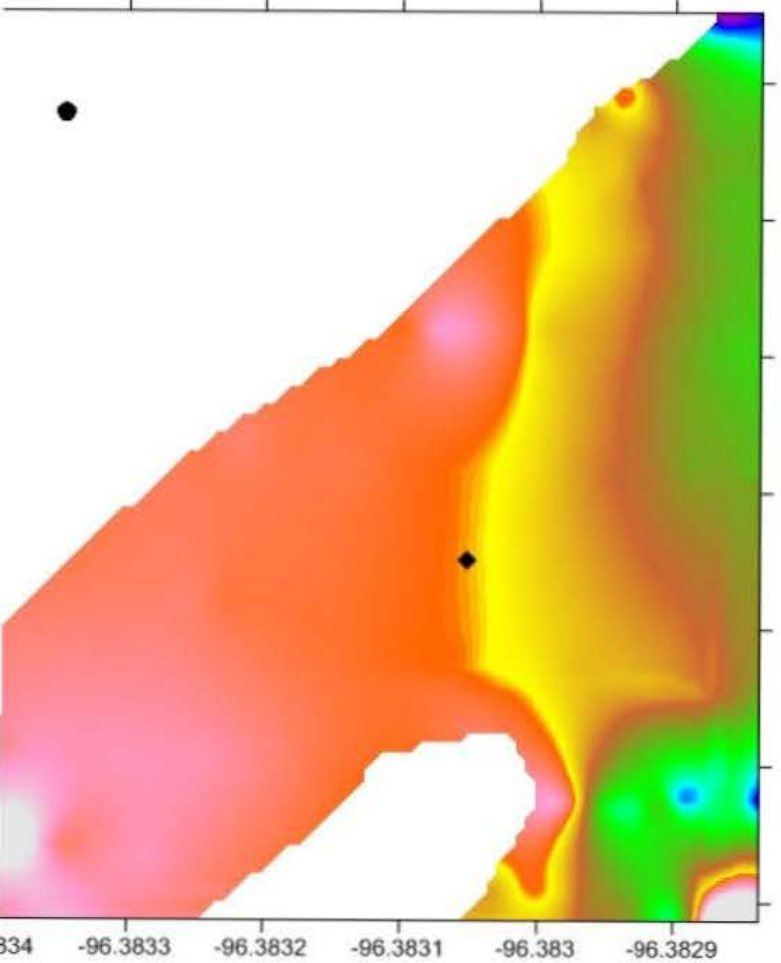
N
W E
S

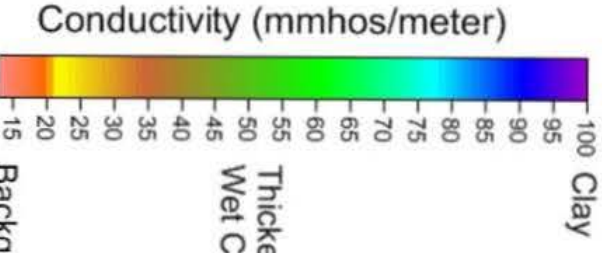
stigation Area Center

Test Pit Location

tigation Area Extent

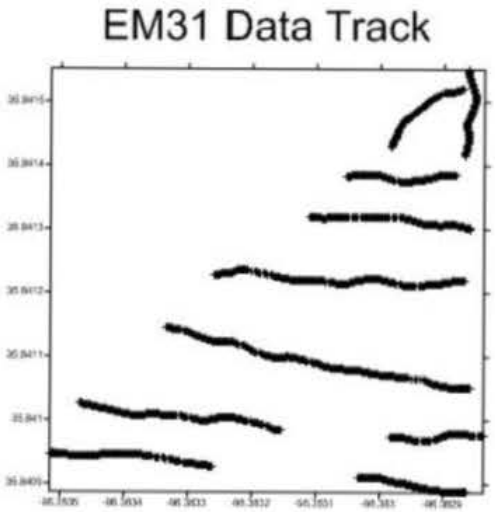
Figure 22
Investigation Area 1
Bedrock Elevation/Soil Th





◆ Investigation Area Center

● Investigation Area Extent



■ Test Pit Location

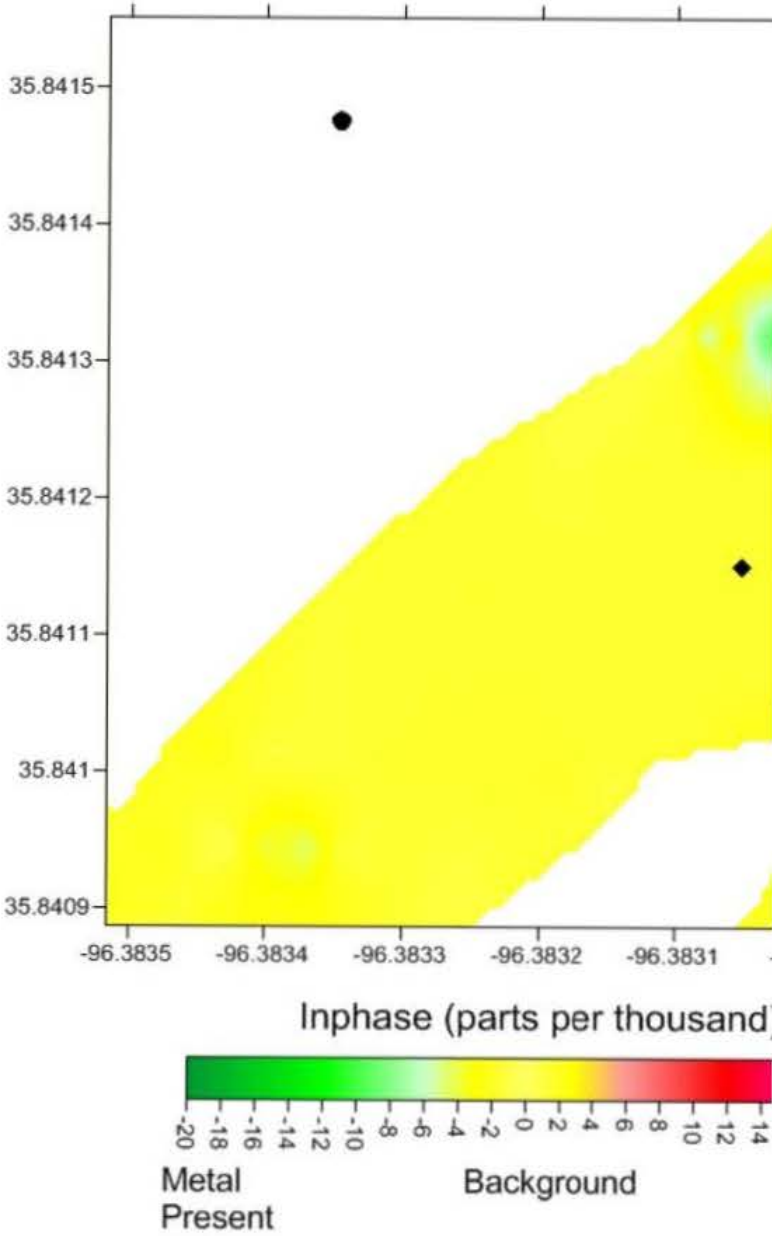
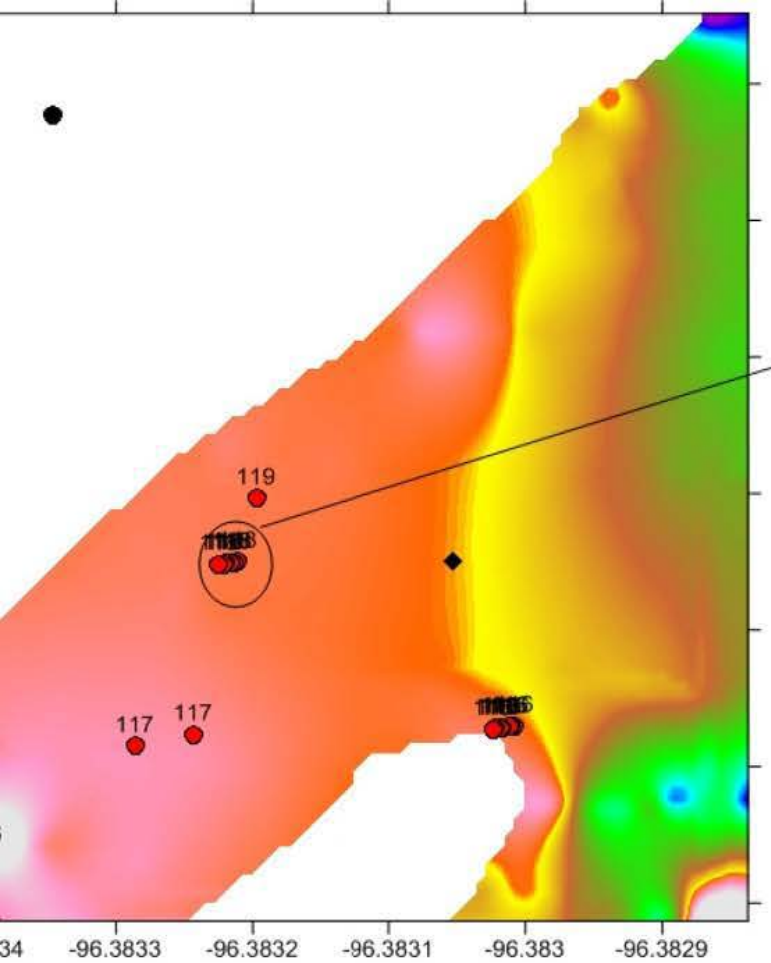
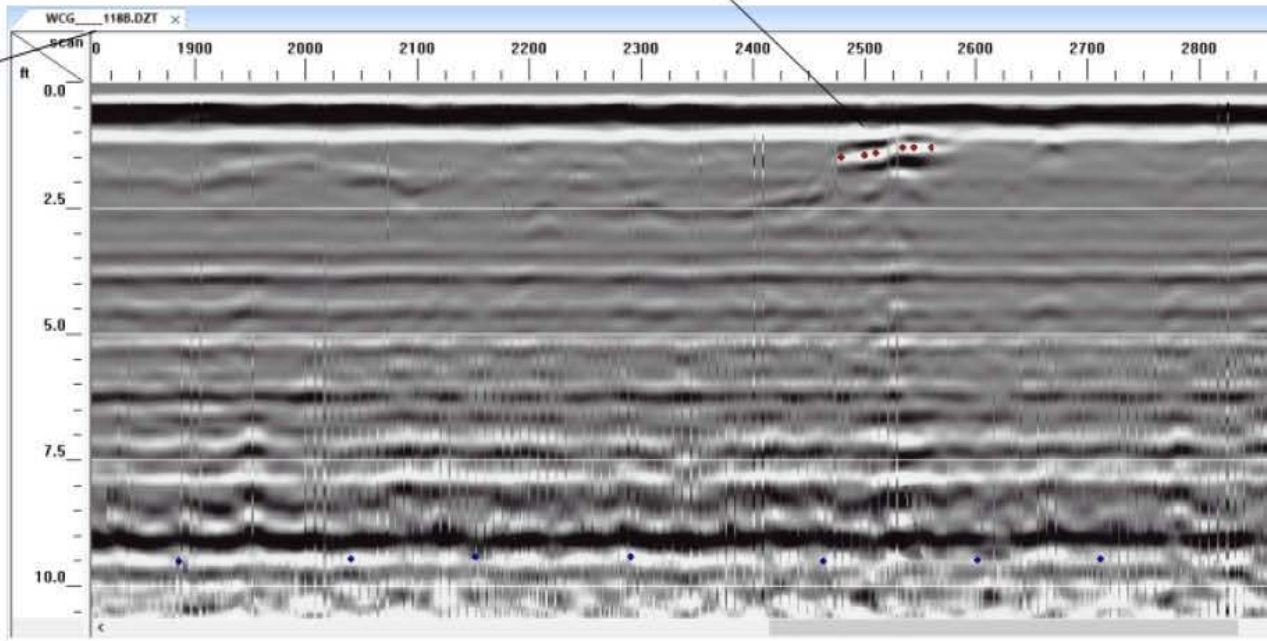


Figure
Investigation
EM31 Re





Conductivity (mmhos/meter)

15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

Clay

Thicker Soil
Wet Conditions

Background

GPR Anomaly
le Number

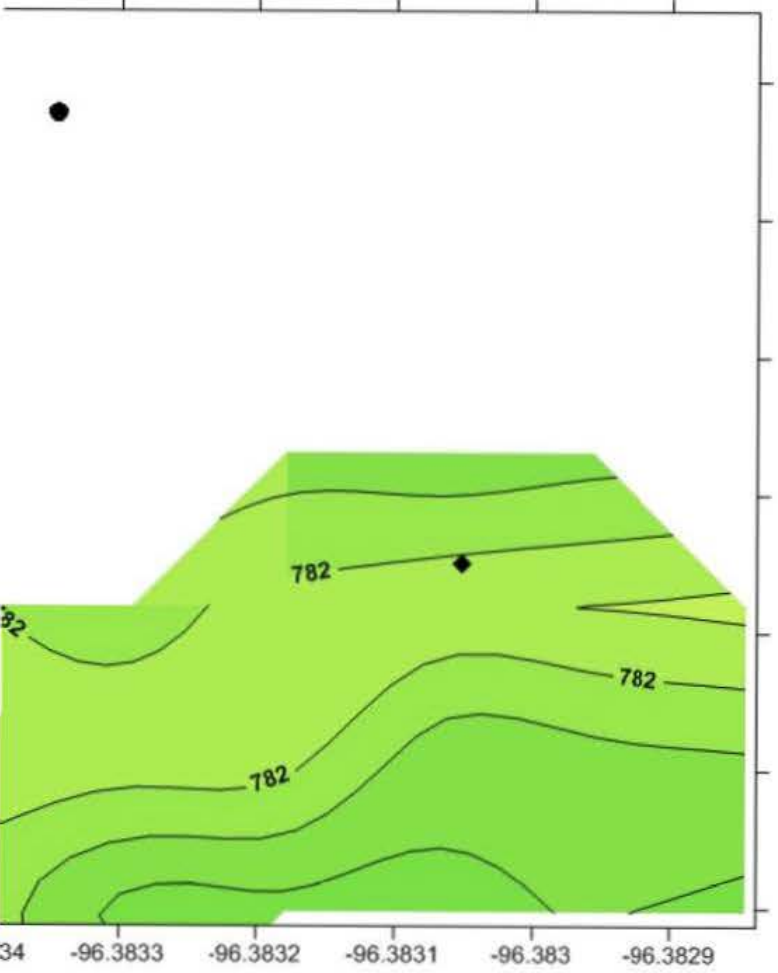
N
W
E
S

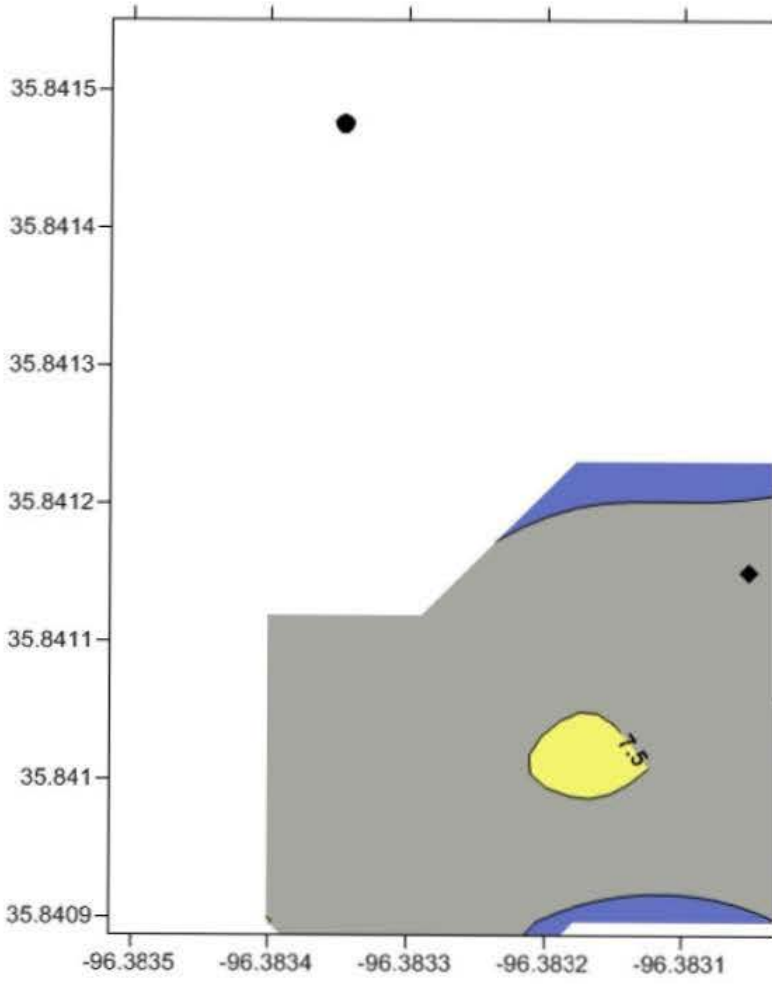
Investigation Area Center

Investigation Area Extent

Test Pit Location

Figure 24
Investigation Area 1
Unknown GPR Anomalies a





Bedrock Elevation (Feet above MSL)

778 780 782 784 786

Soil Thickness (Feet)

0 2.5 5 7.5 10 15

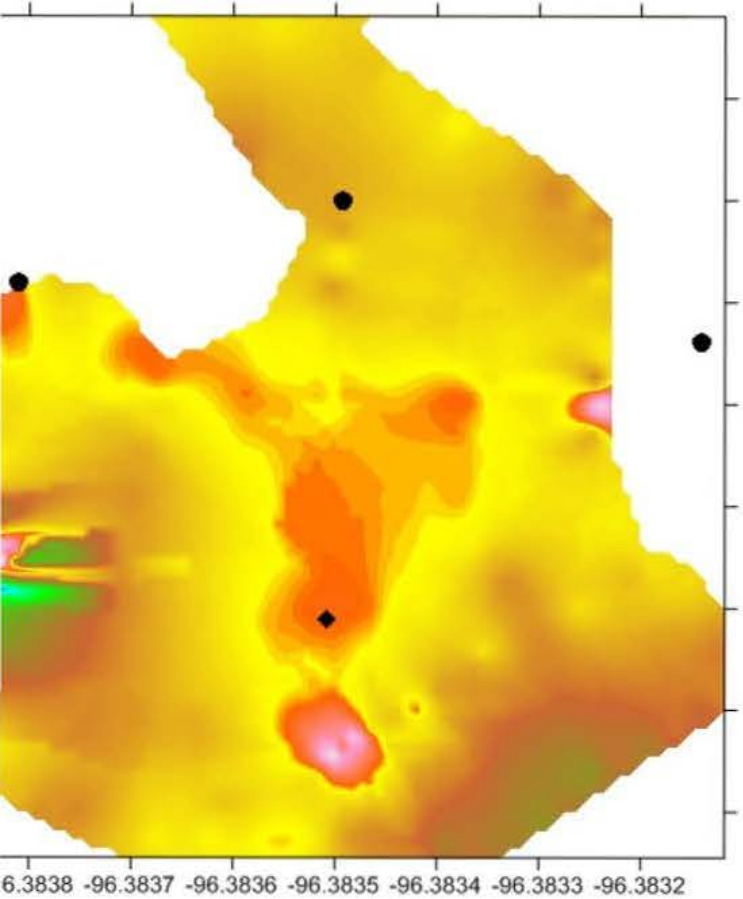
N
W E
S

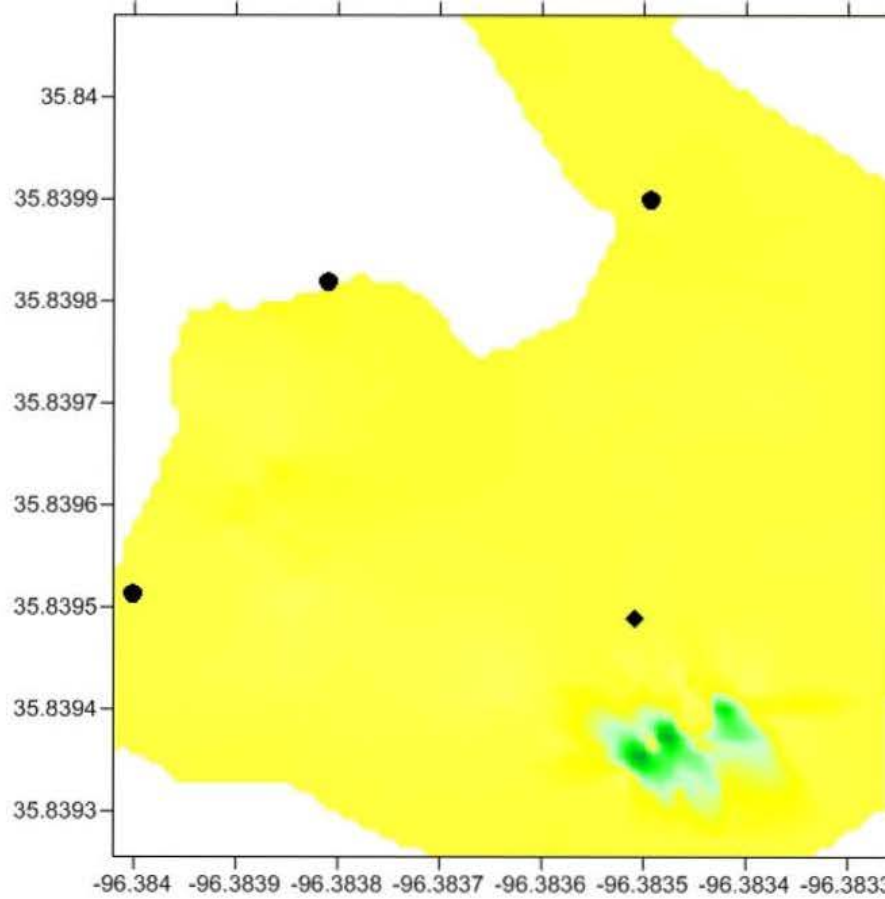
Investigation Area Center

Test Pit Location

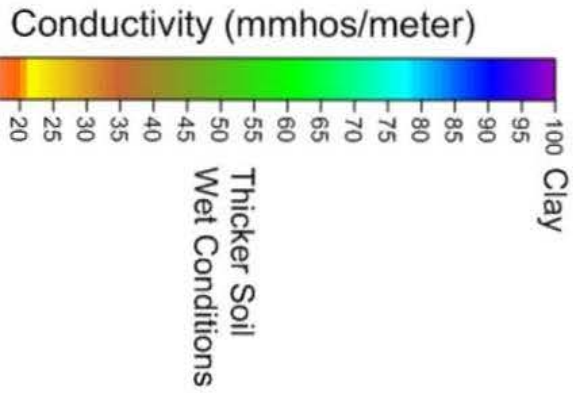
Investigation Area Extent

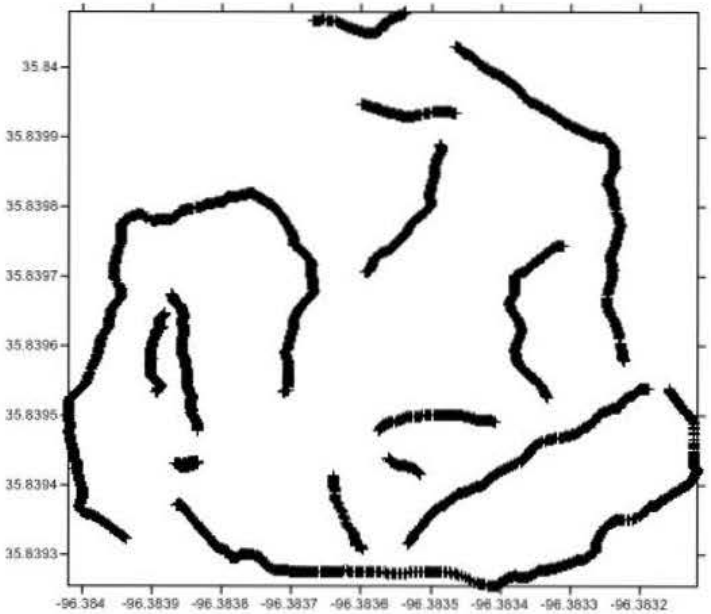
Figure 25
Investigation Area
Bedrock Elevation/Soil T

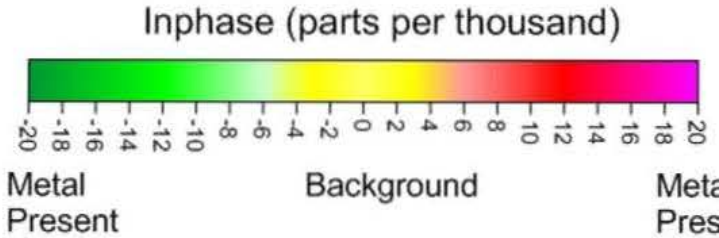




EM31 Data Track







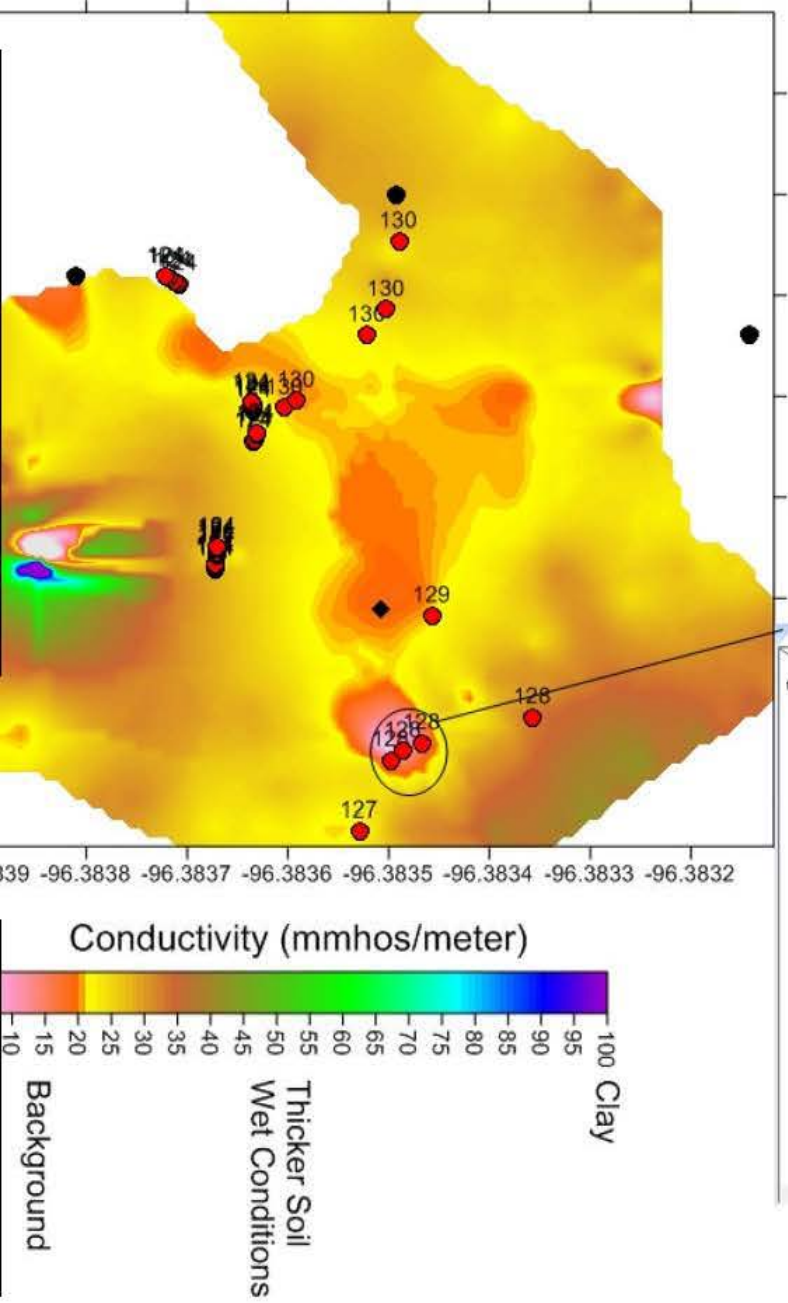
E

ea Center

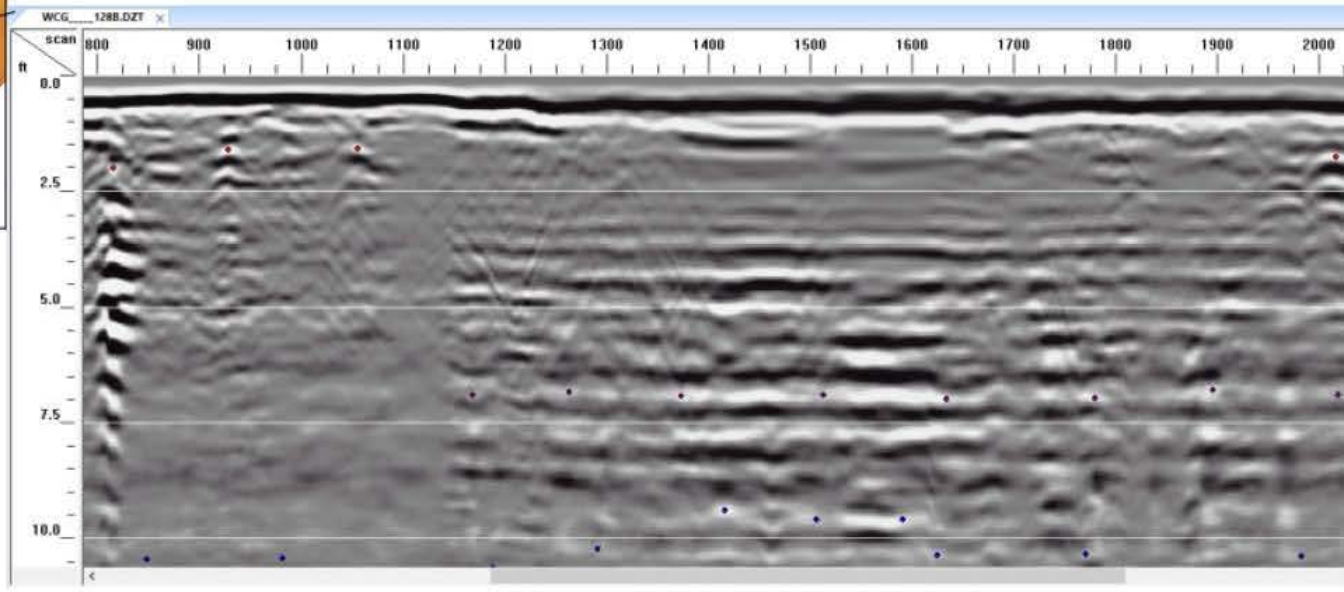
Test Pit Location

ea Extent

Figure 2
Investigation A
EM31 Res



Unknown Anomalies



E

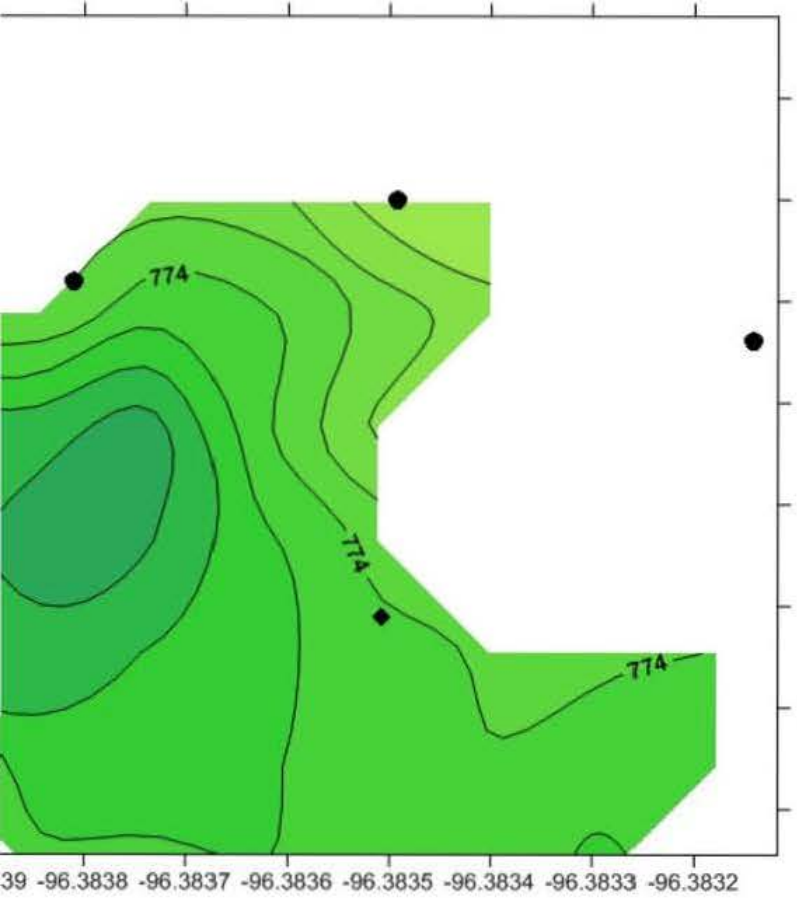
n Area Center

n Area Extent

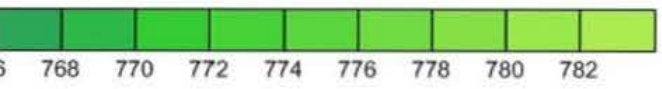
Test Pit Location

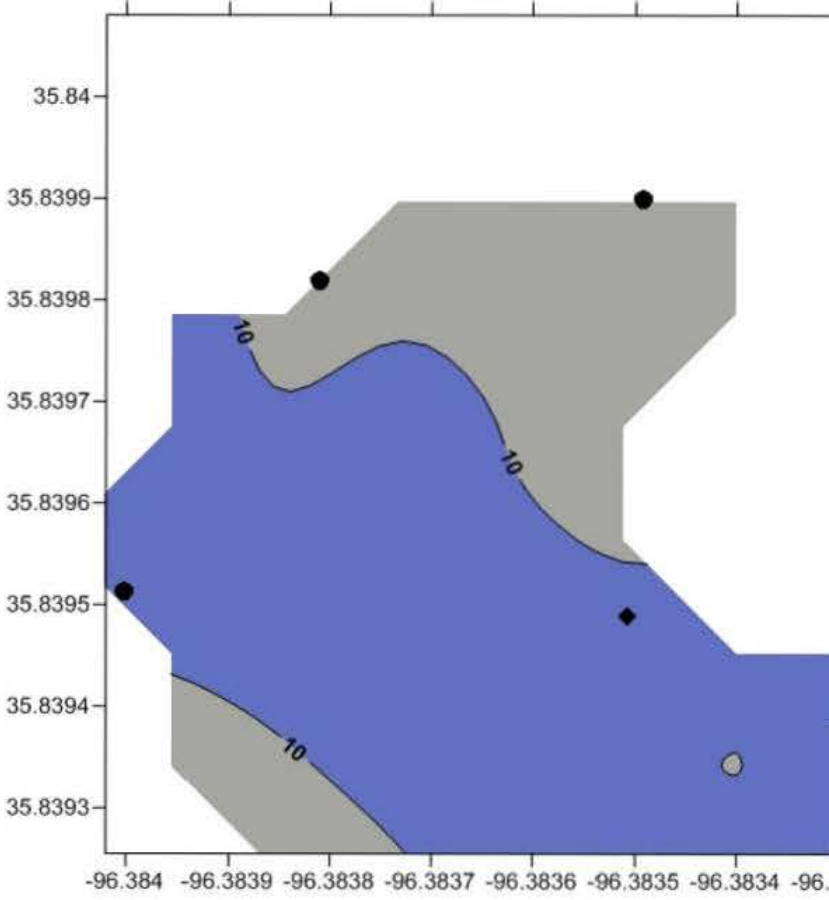
Location of GPR Anomaly
With Profile Number

Figure 27
Investigation Area 12
Unknown GPR Anomalies an

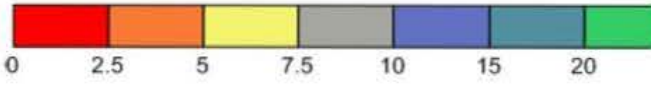


Bedrock Elevation (Feet above MSL)





Soil Thickness (Feet)



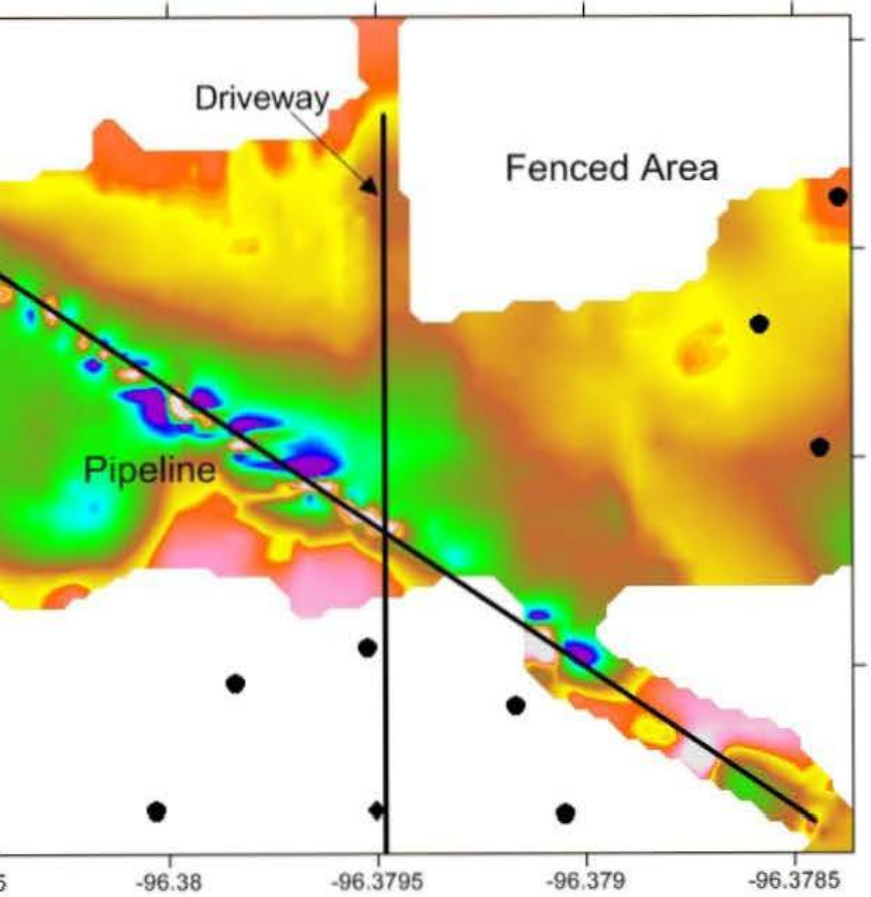
E

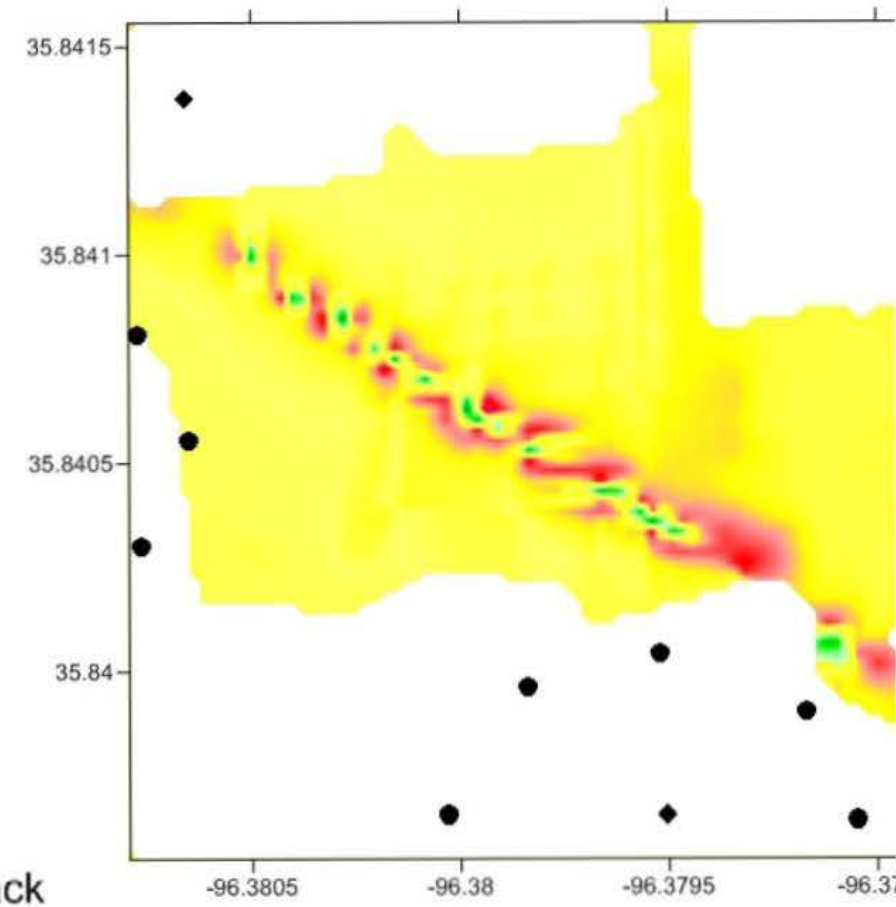
Area Center

Area Extent

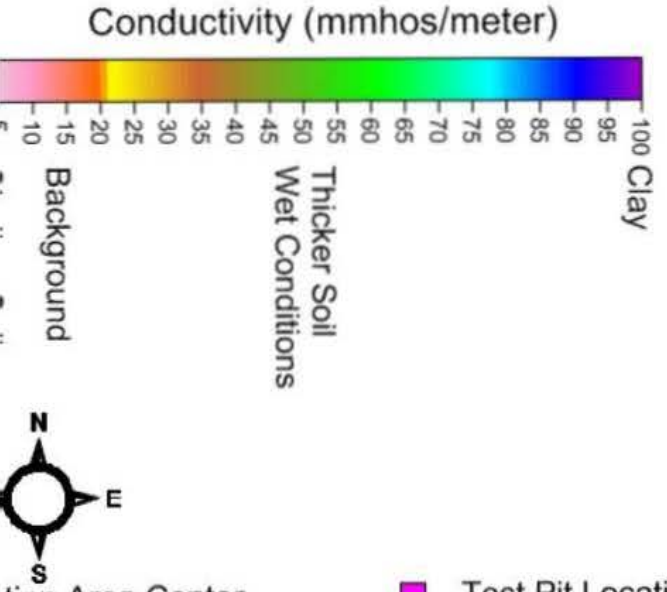
Test Pit Location

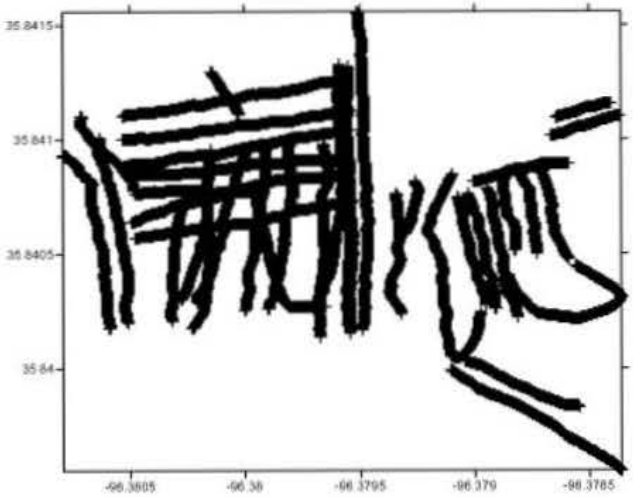
Figure 28
Investigation Area
Bedrock Elevation/Soil T

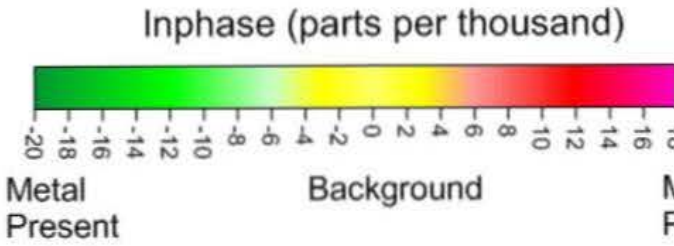




EM31 Data Track







tion Area Center

Test Pit Location

tion Area Extent

Figure 29
Tar Pit Investigat
EM31 Resu

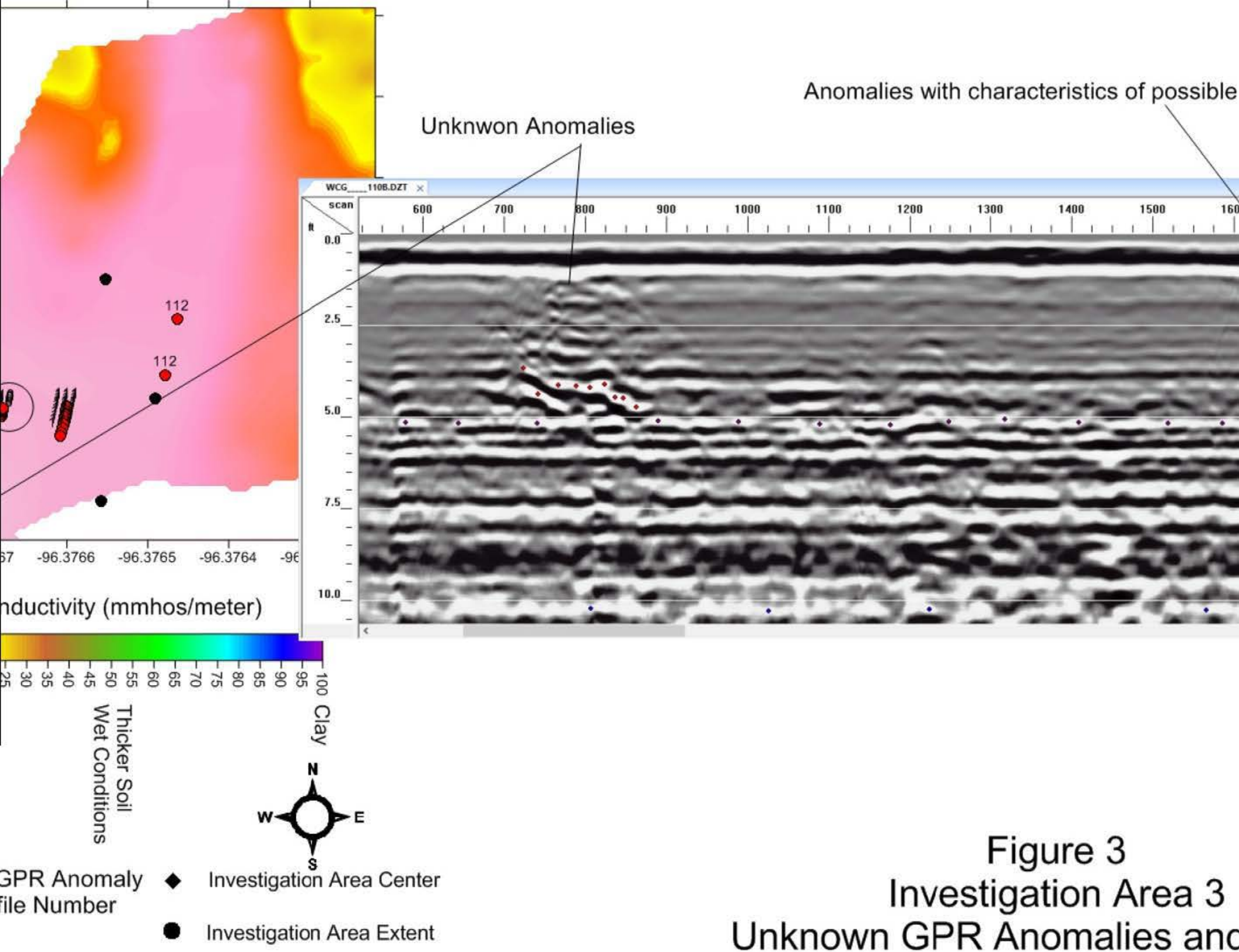
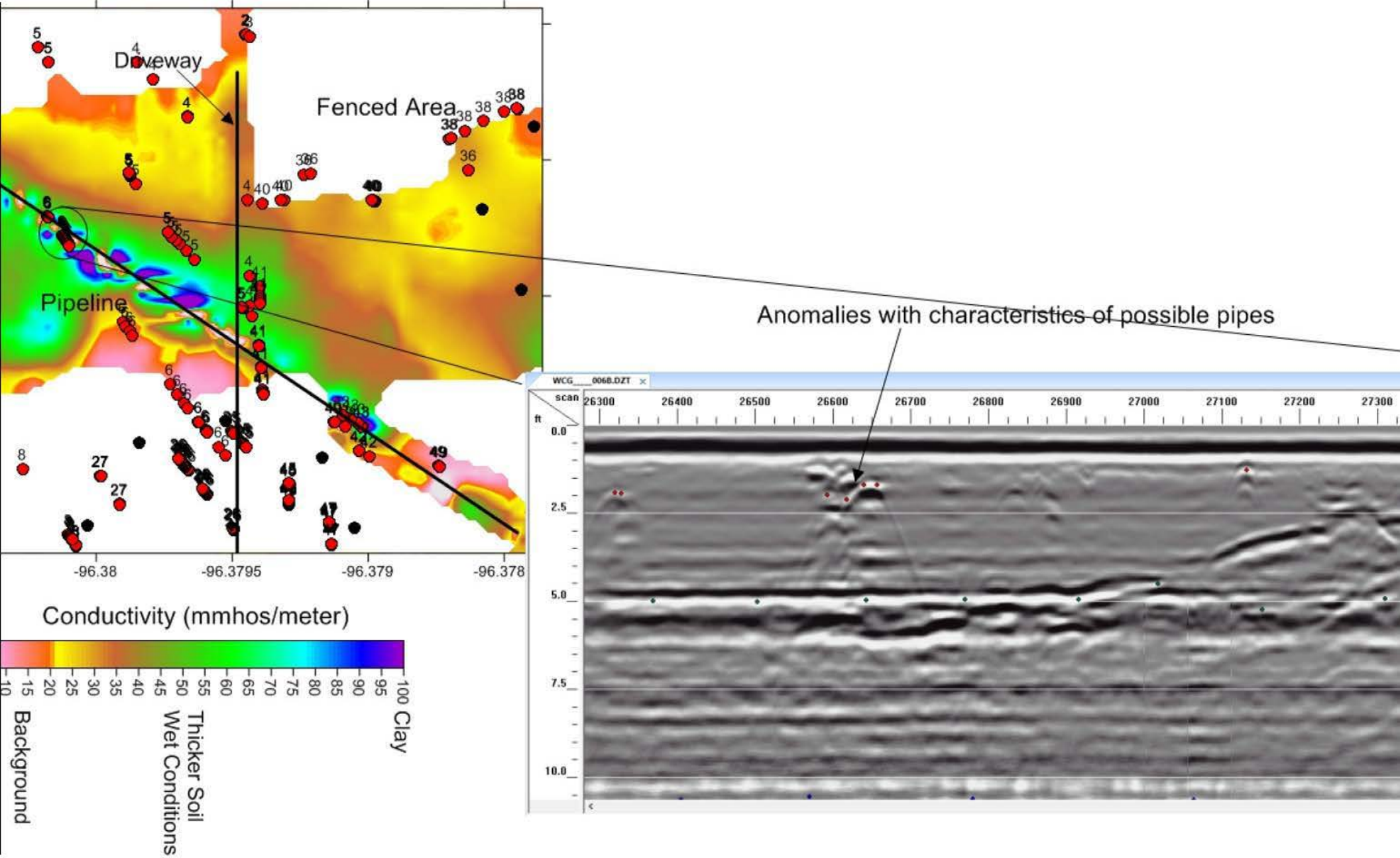


Figure 3
Investigation Area 3
Unknown GPR Anomalies and



N
E
S

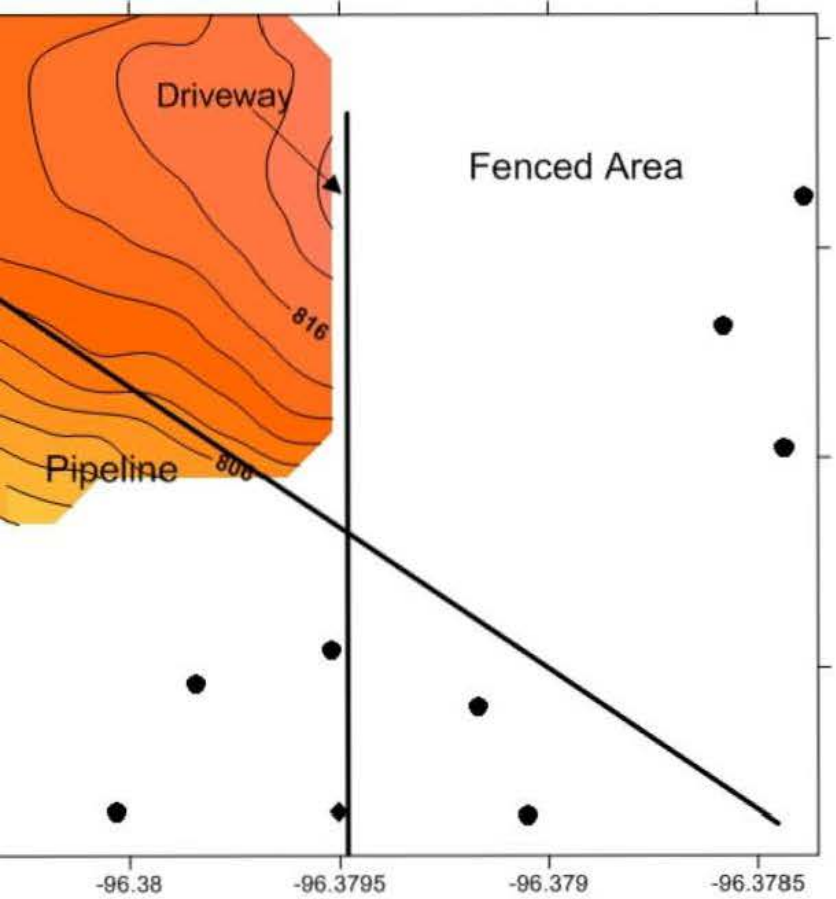
on Area Center

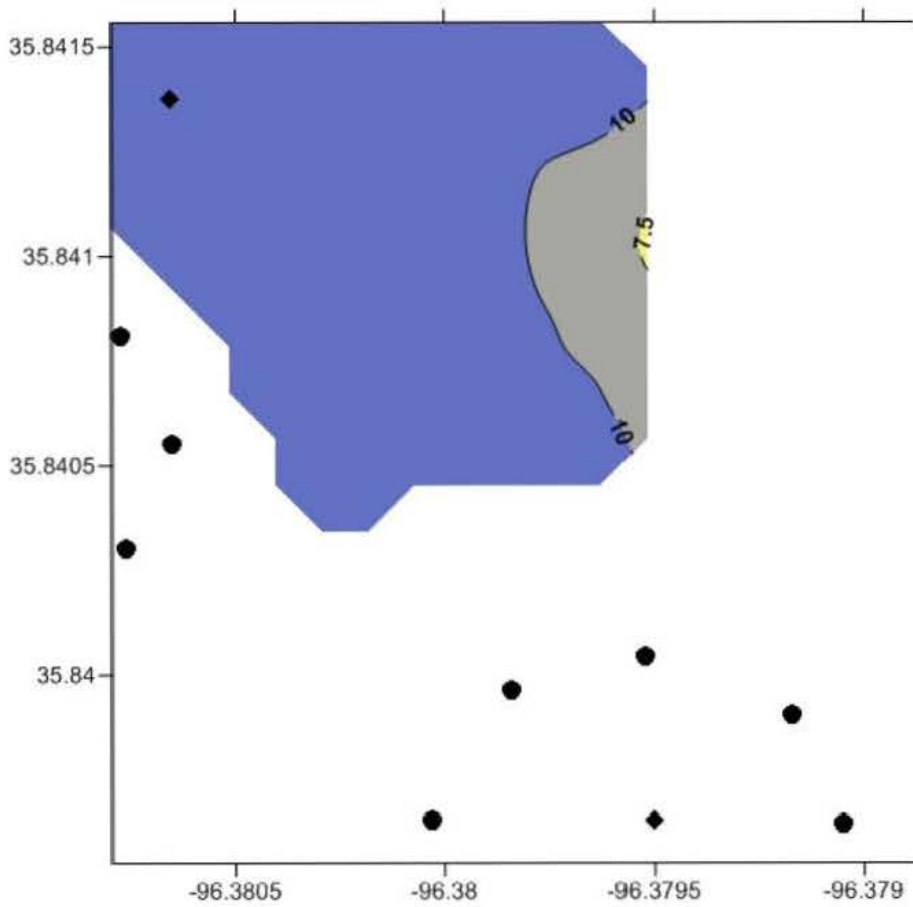
on Area Extent

Test Pit Location

Location of GPR Anomaly
With Profile Number

Figure 30
Tar Pit Investigation A
Unknown GPR Anomalies ar





Bedrock Elevation (Feet above MSL)

790 794 798 802 806 810 814 818 822

Soil Thickness (Feet)

0 2.5 5 7.5 10 15 20

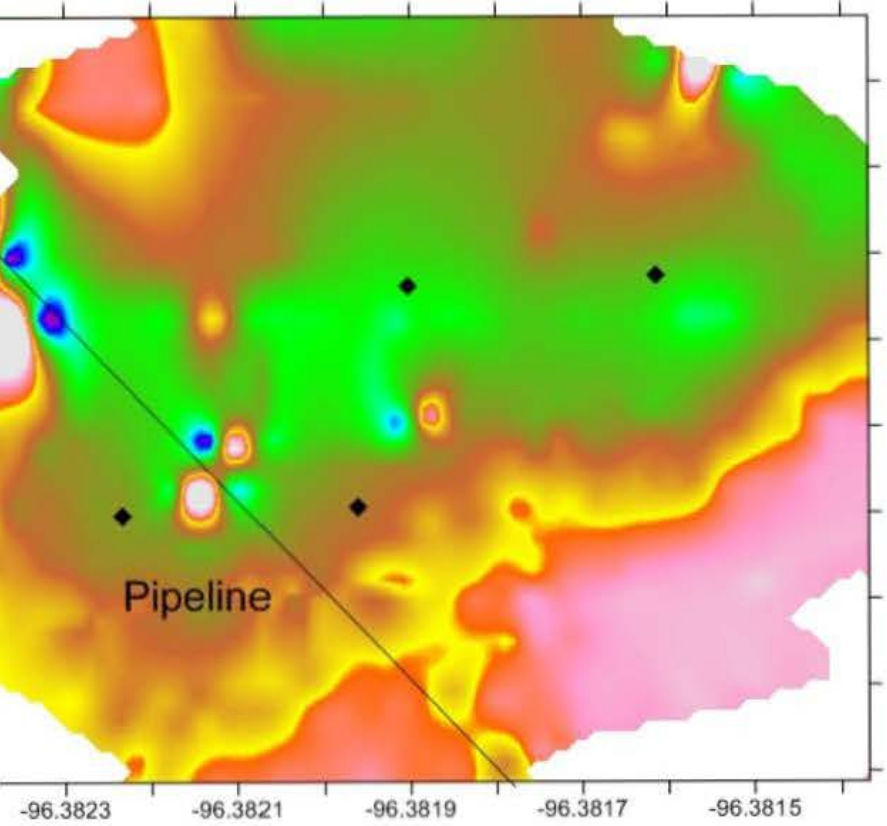
E

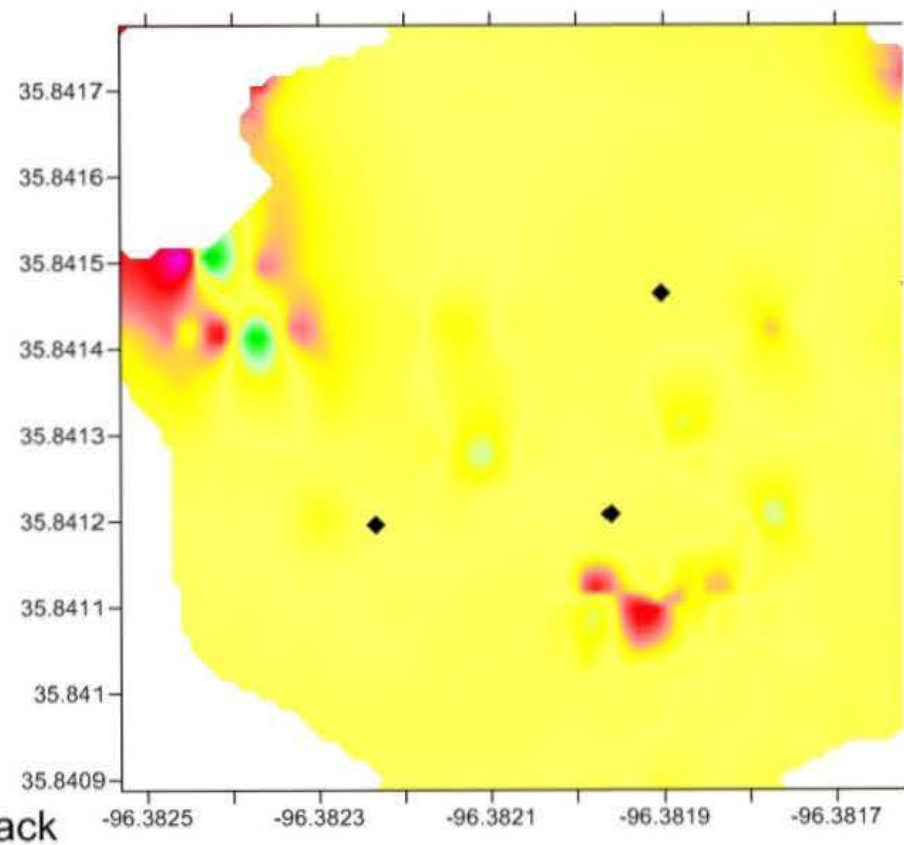
n Area Center

Test Pit Location

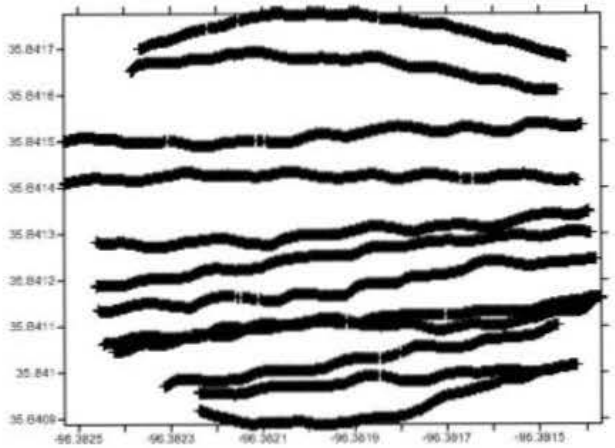
n Area Extent

Figure 31
Tar Pit Investigatio
Bedrock Elevation/Soi

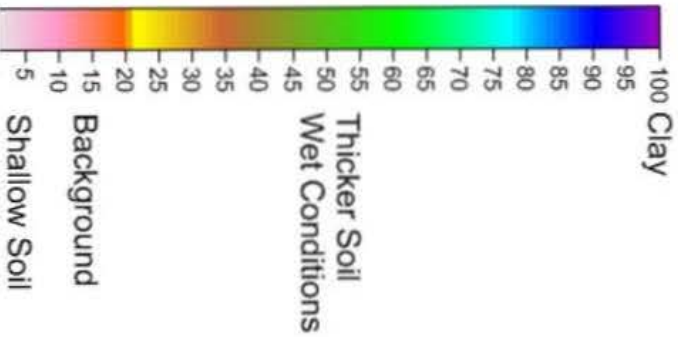




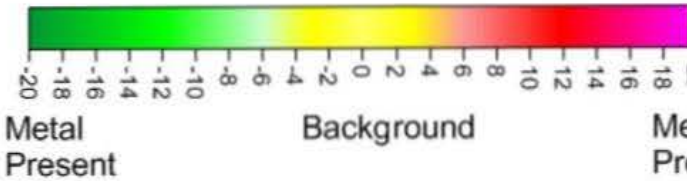
EM31 Data Track



Conductivity (mmhos/meter)



Inphase (parts per thousand)

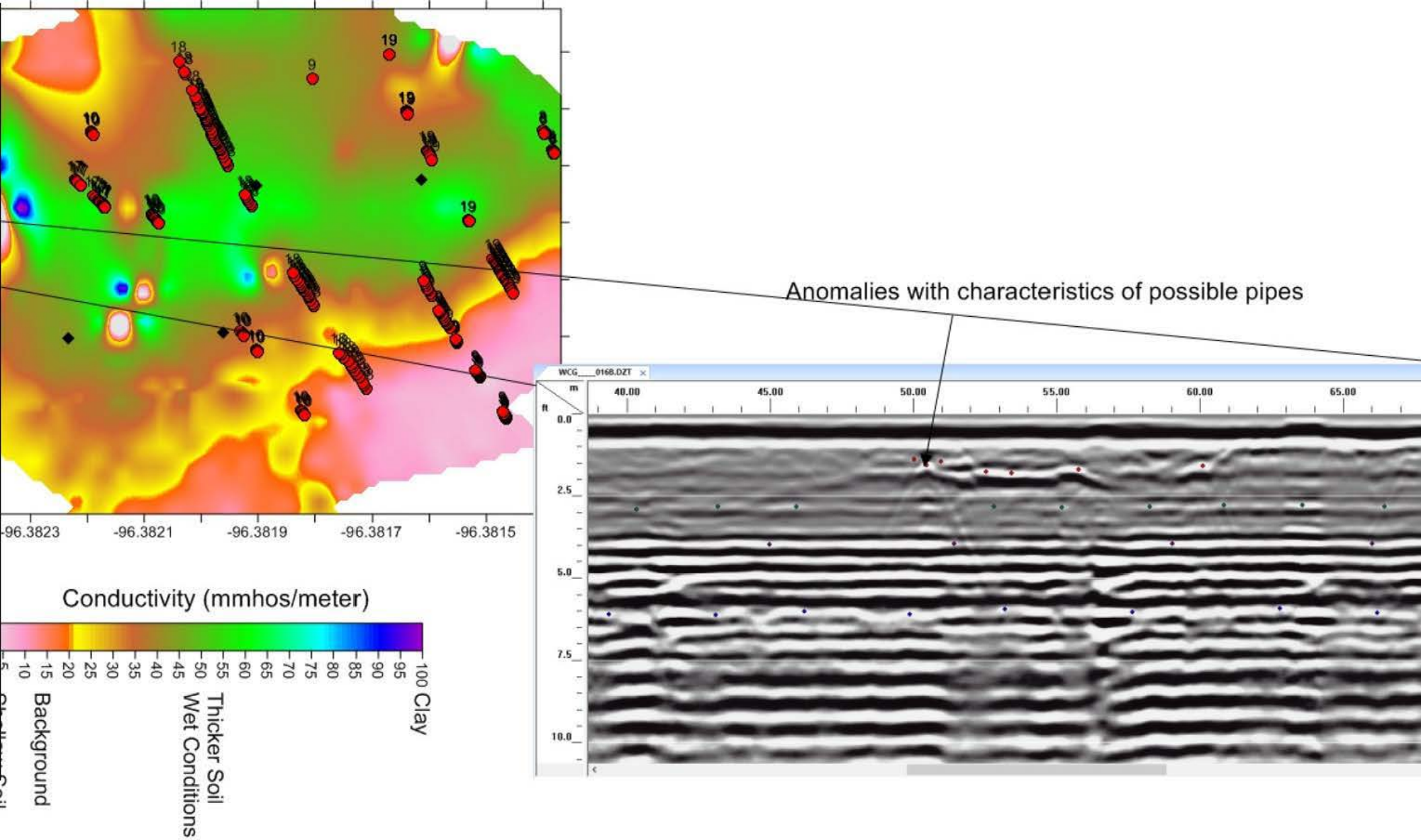


ion Area Center

ion Area Extent

Test Pit Location

Figure 32
Tank Cluster Investigat
EM31 Results



N
E
S

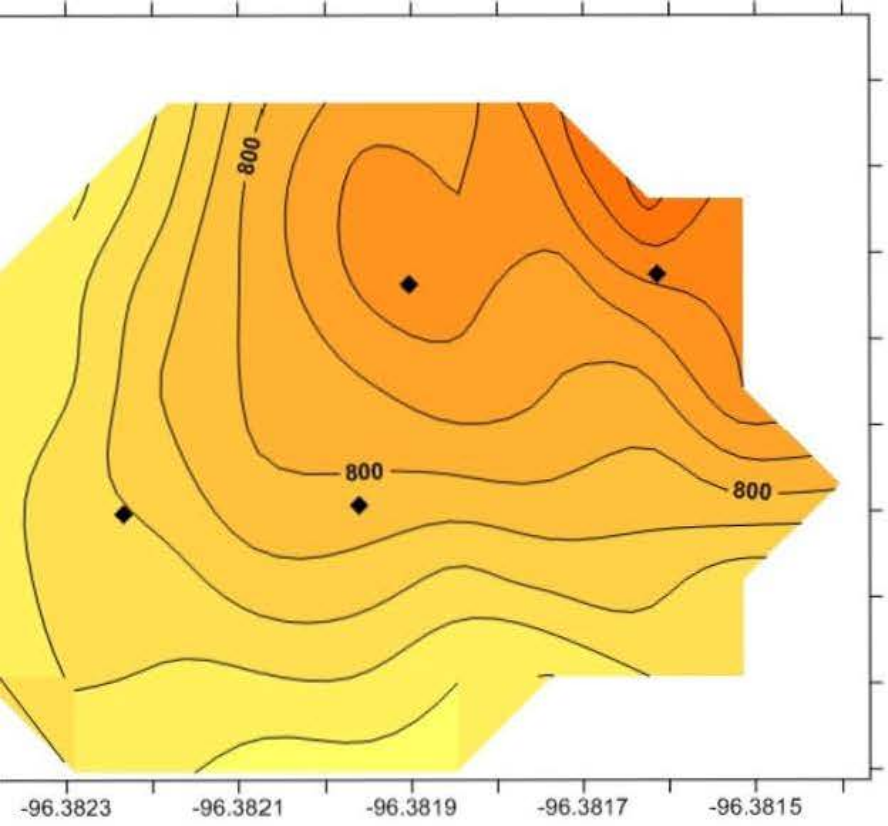
on Area Center

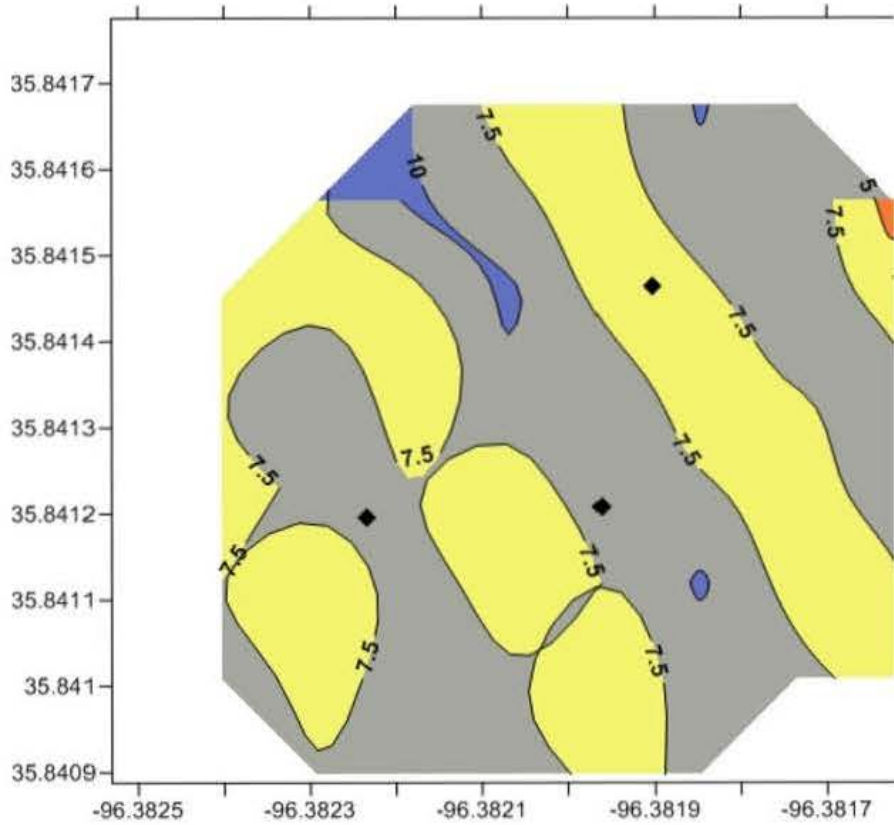
on Area Extent

Test Pit Location

Location of GPR Anomaly
With Profile Number

Figure 33
Tank Cluster Investigation
Unknown GPR Anomalies an





Bedrock Elevation (Feet above MSL)

792 794 796 798 800 802 804 806 808 810 812

Soil Thickness (Feet)

0 2.5 5 7.5 10 15 20

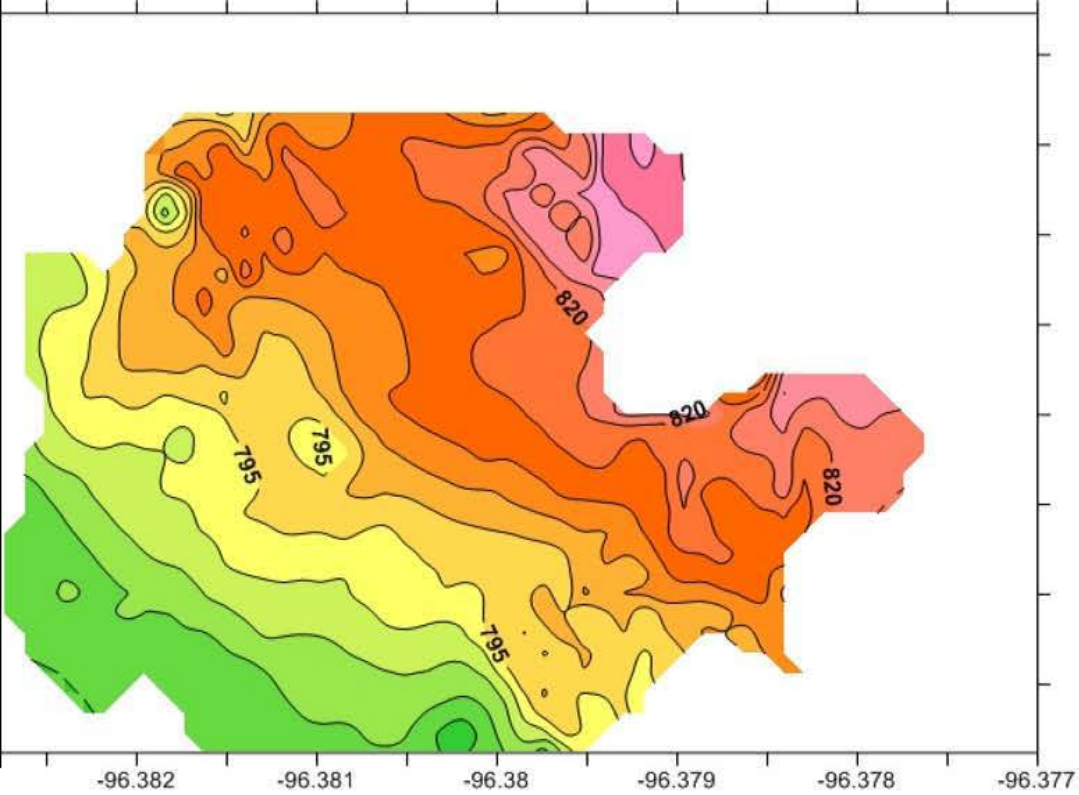
N
E
S

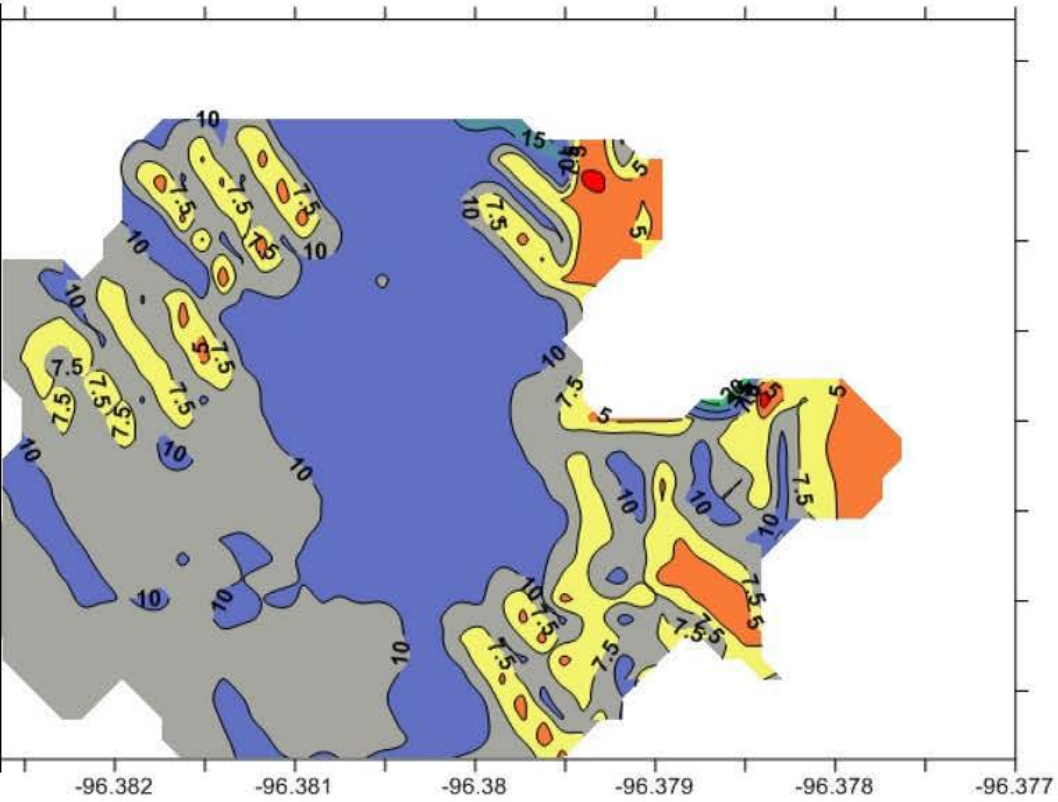
ion Area Center

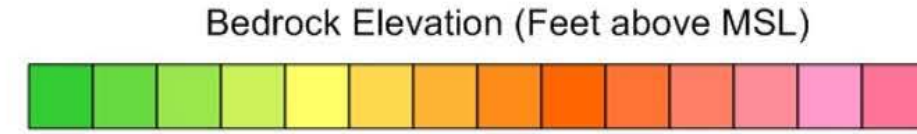
Test Pit Location

ion Area Extent

Figure 34
Tank Cluster Investigatio
Bedrock Elevation/Soil Th







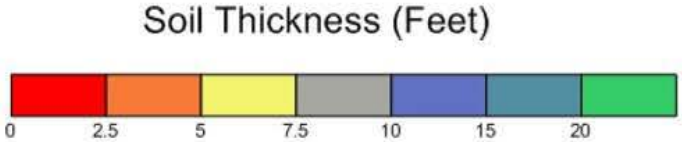
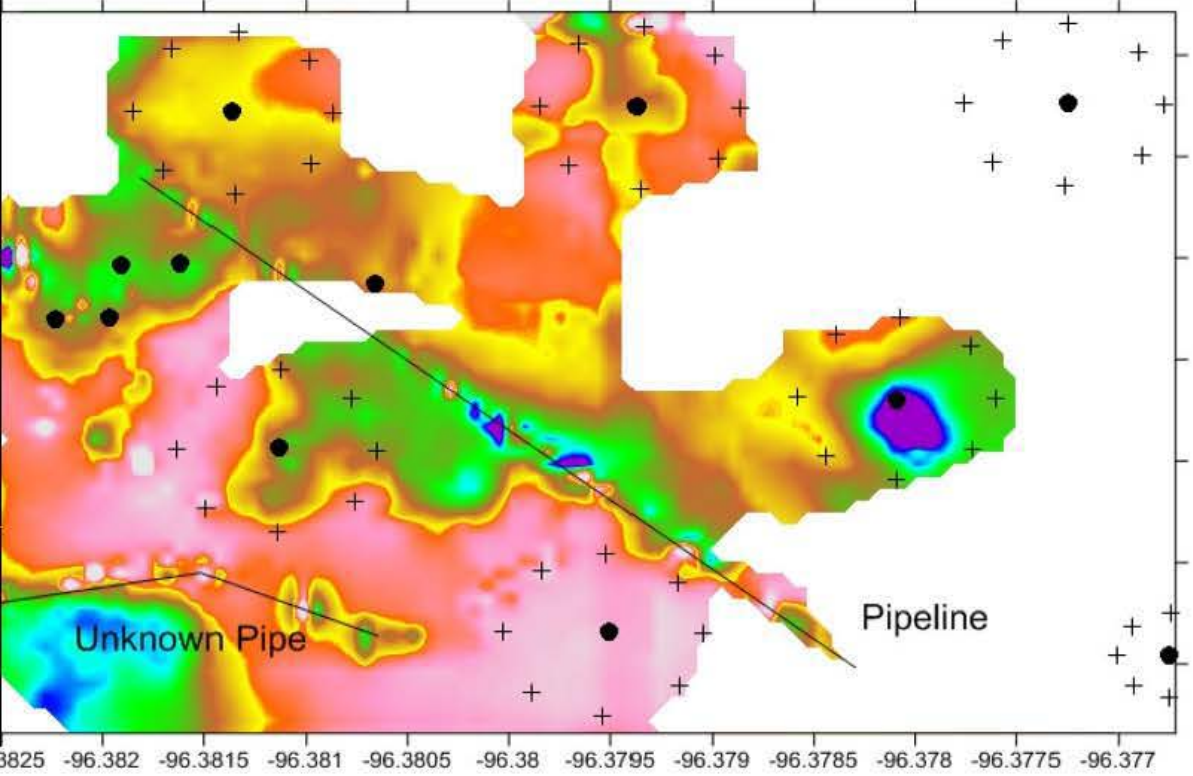
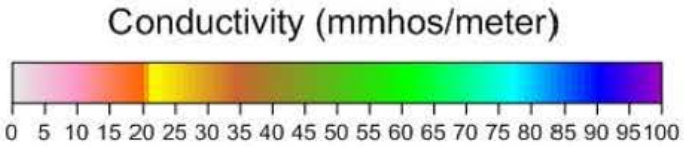
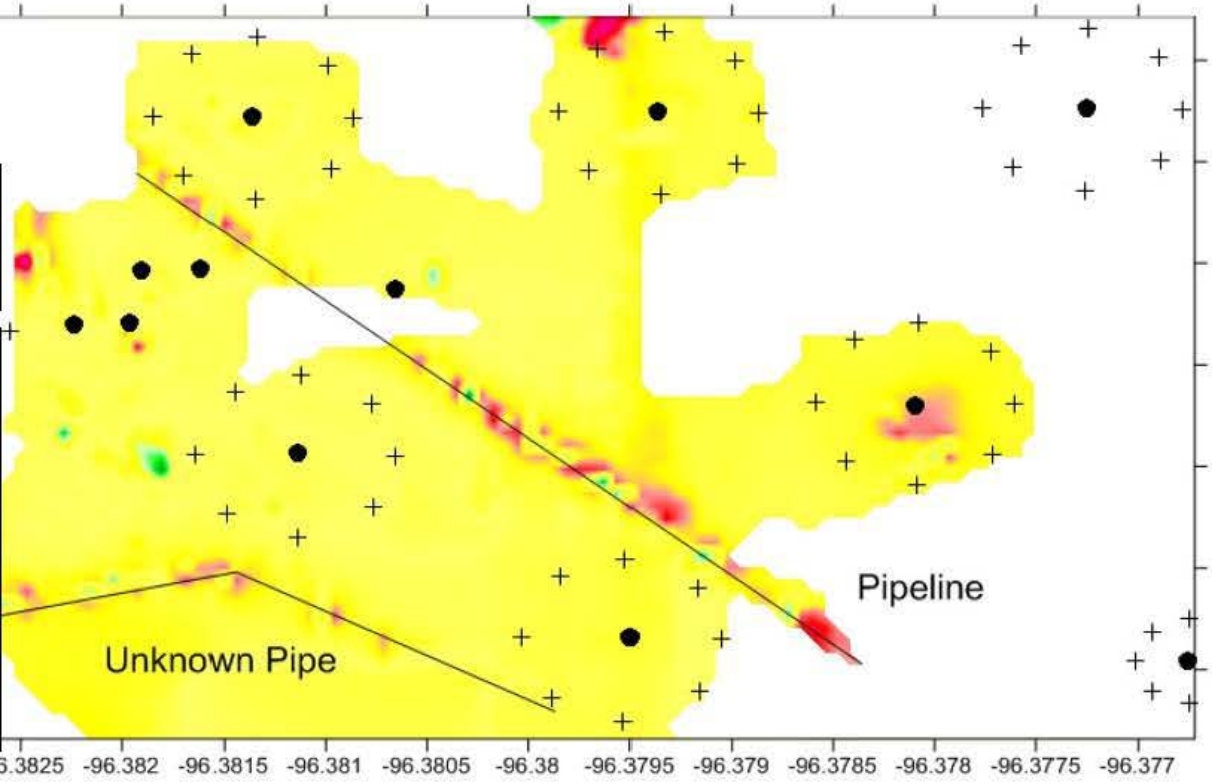


Figure 35
Site Wide Tank Fa
Bedrock Elevation/Soil T







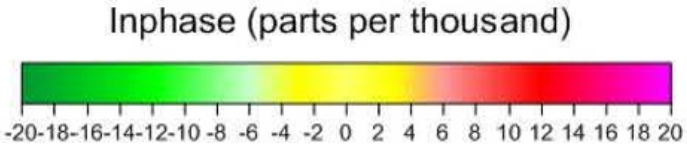
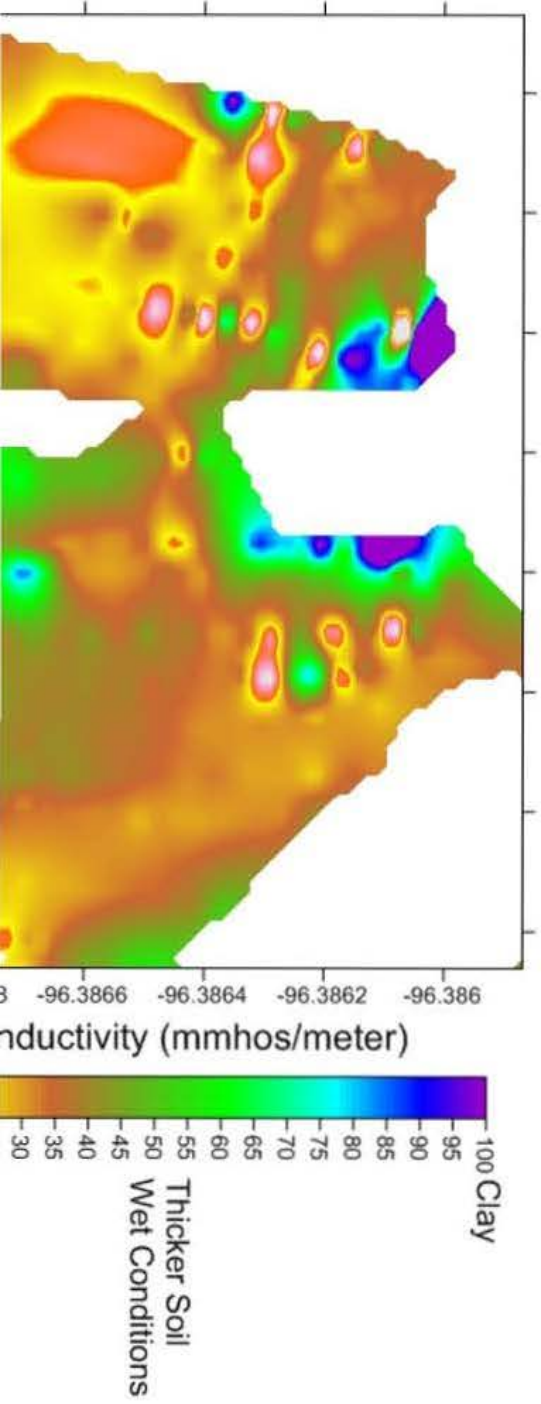
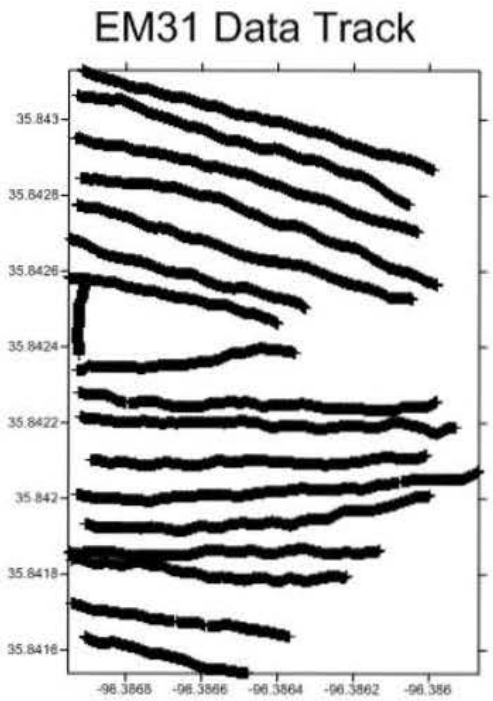
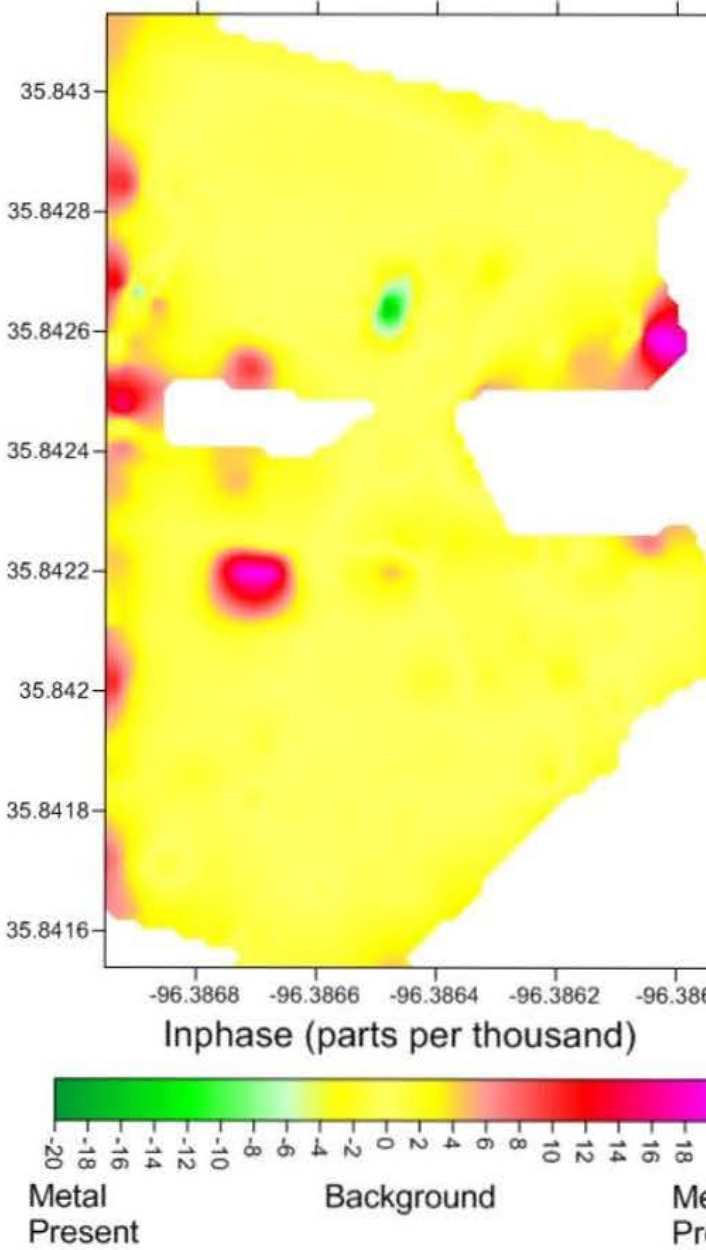


Figure 36
Site Wide Tank
EM31 Resul





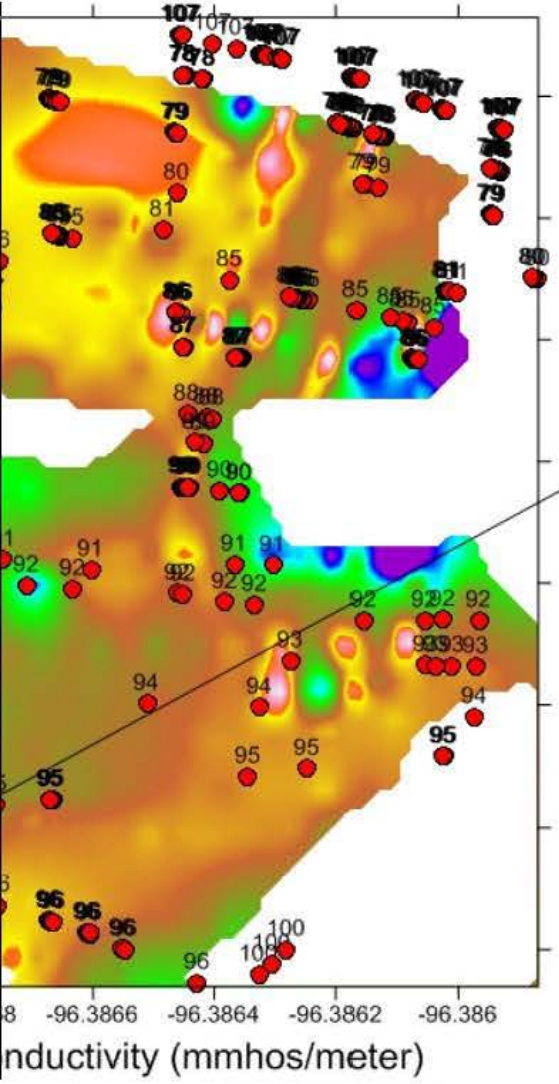


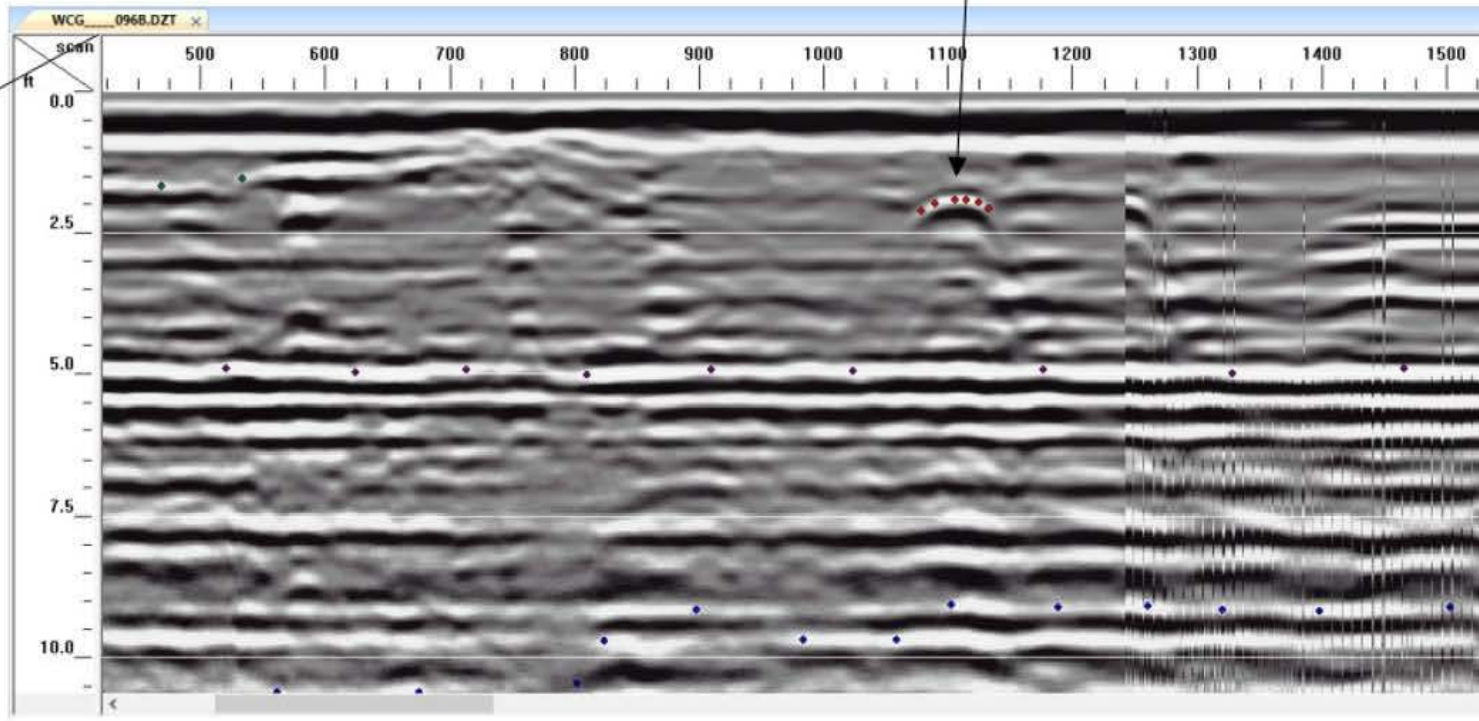
◆ Investigation Area Center

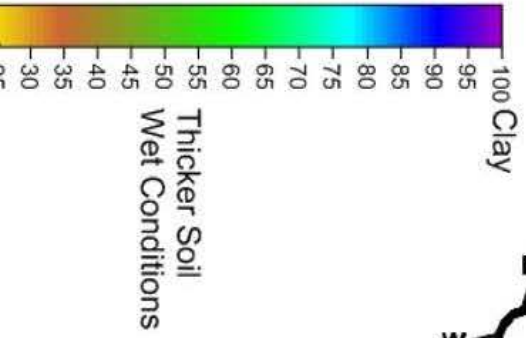
● Investigation Area Extent

Test Pit Location

Figure
Lorraine Refin
EM31 Re







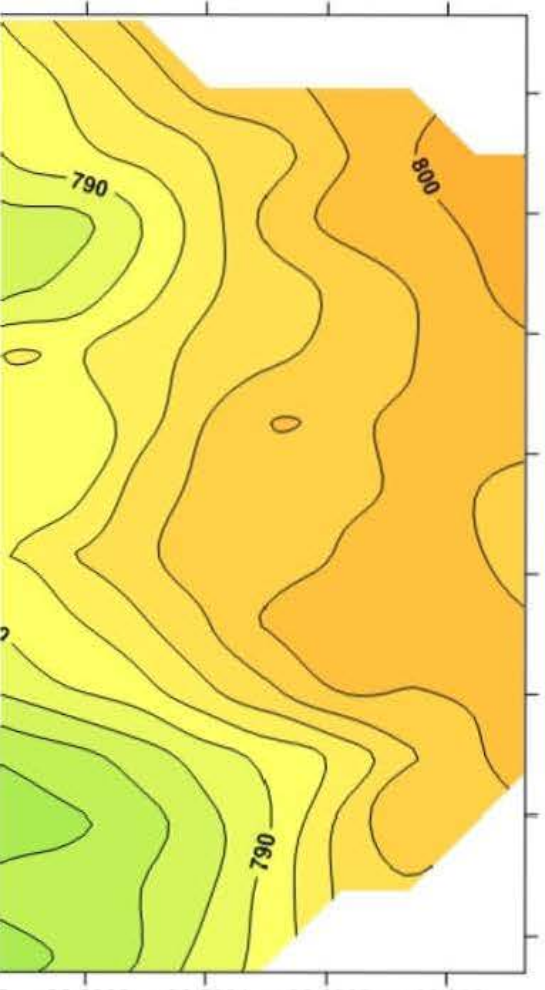
GPR Anomaly
ofile Number

Investigation Area Center

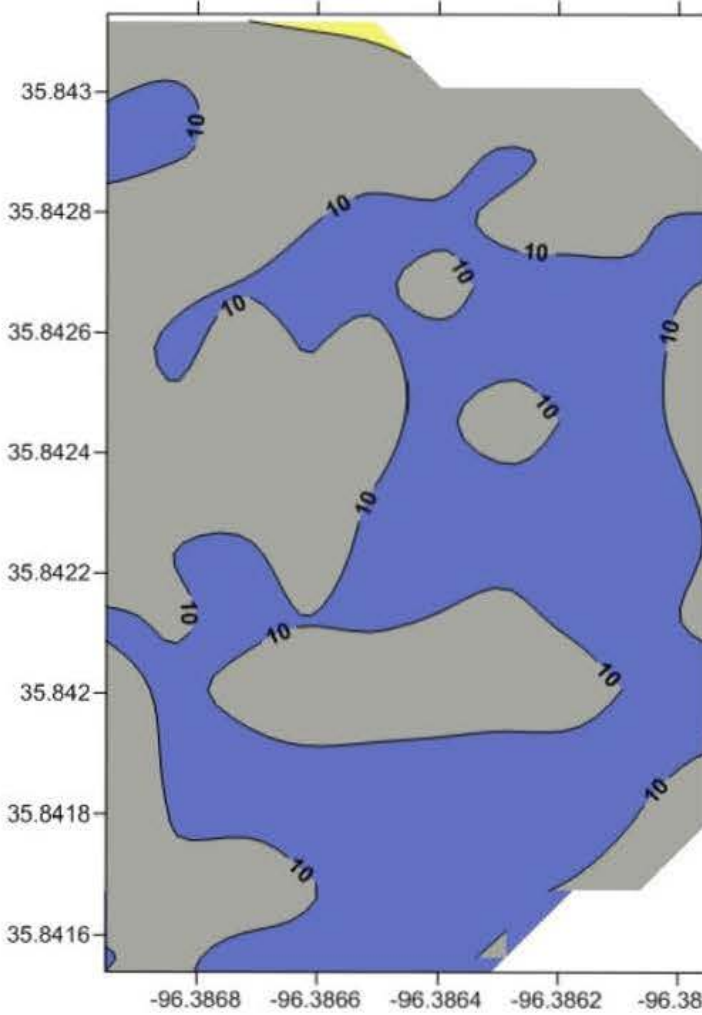
Investigation Area Extent

Test Pit Location

Figure 38
Lorraine Refinery Area
Unknown GPR Anomalies and

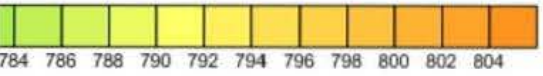


nductivity (mmhos/meter)

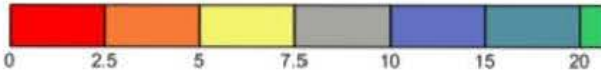


Inphase (parts per thousand)

ck Elevation (Feet above MSL)



Soil Thickness (Feet)

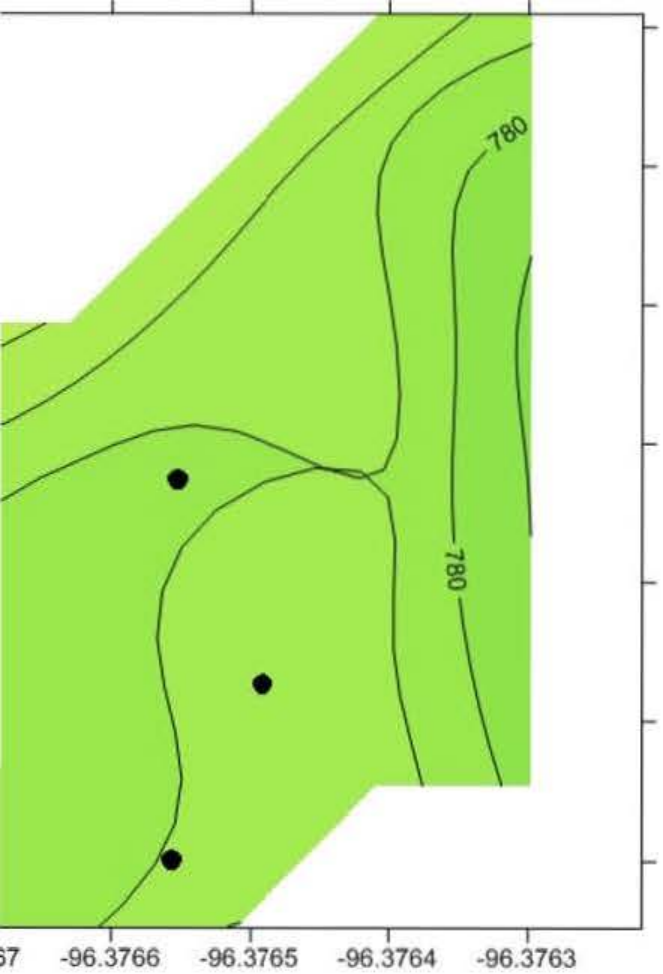


◆ Investigation Area Center

● Investigation Area Extent

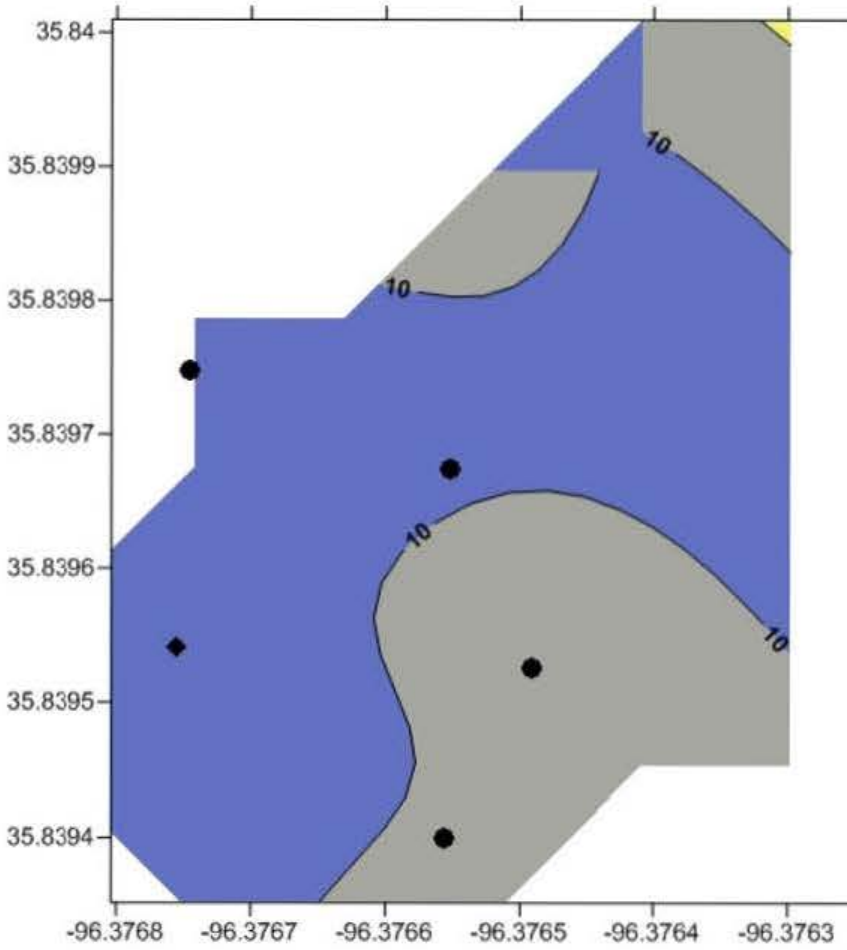
■ Test Pit Location

Figure 39
Lorraine Refinery A
Bedrock Elevation/Soil Th

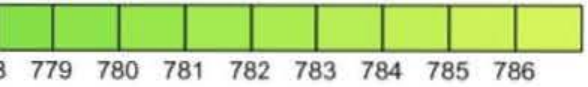


Investigation Area Center

Investigation Area Extent



ck Elevation (Feet above MSL)



Soil Thickness (Feet)

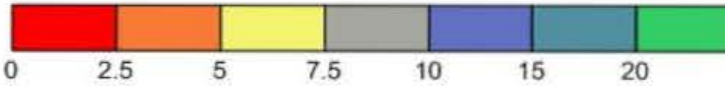
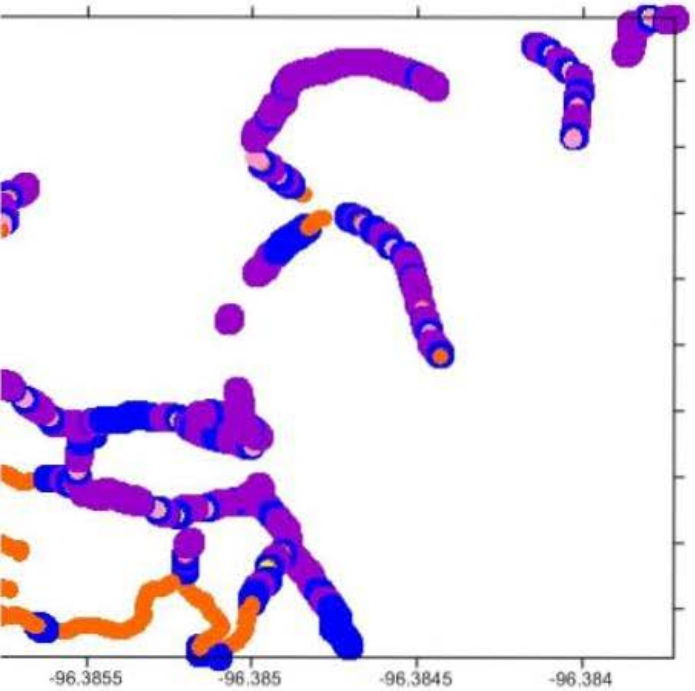
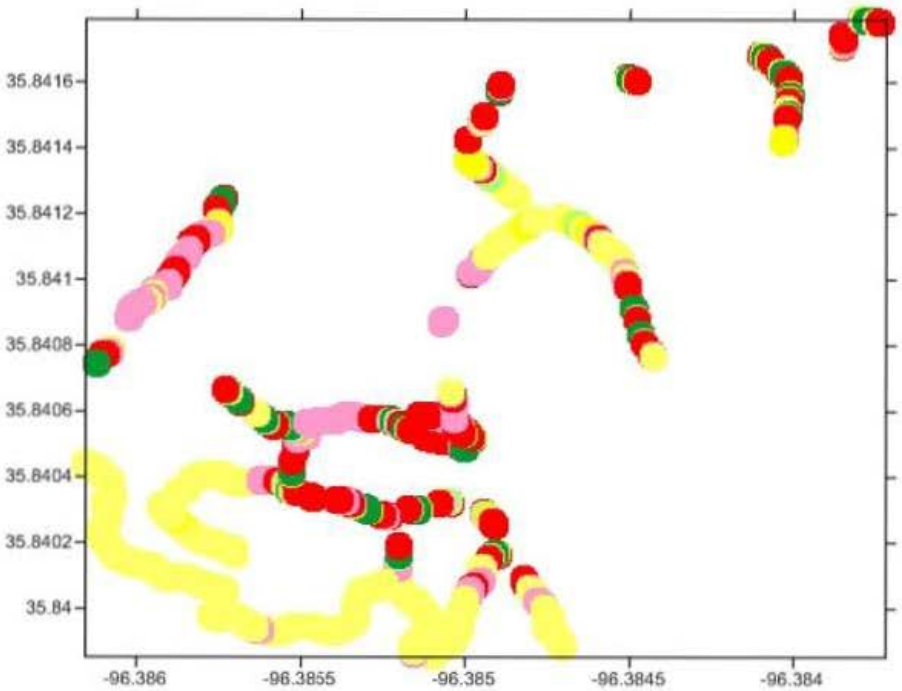


Figure 4
Investigation Area
Bedrock Elevation/Soil T

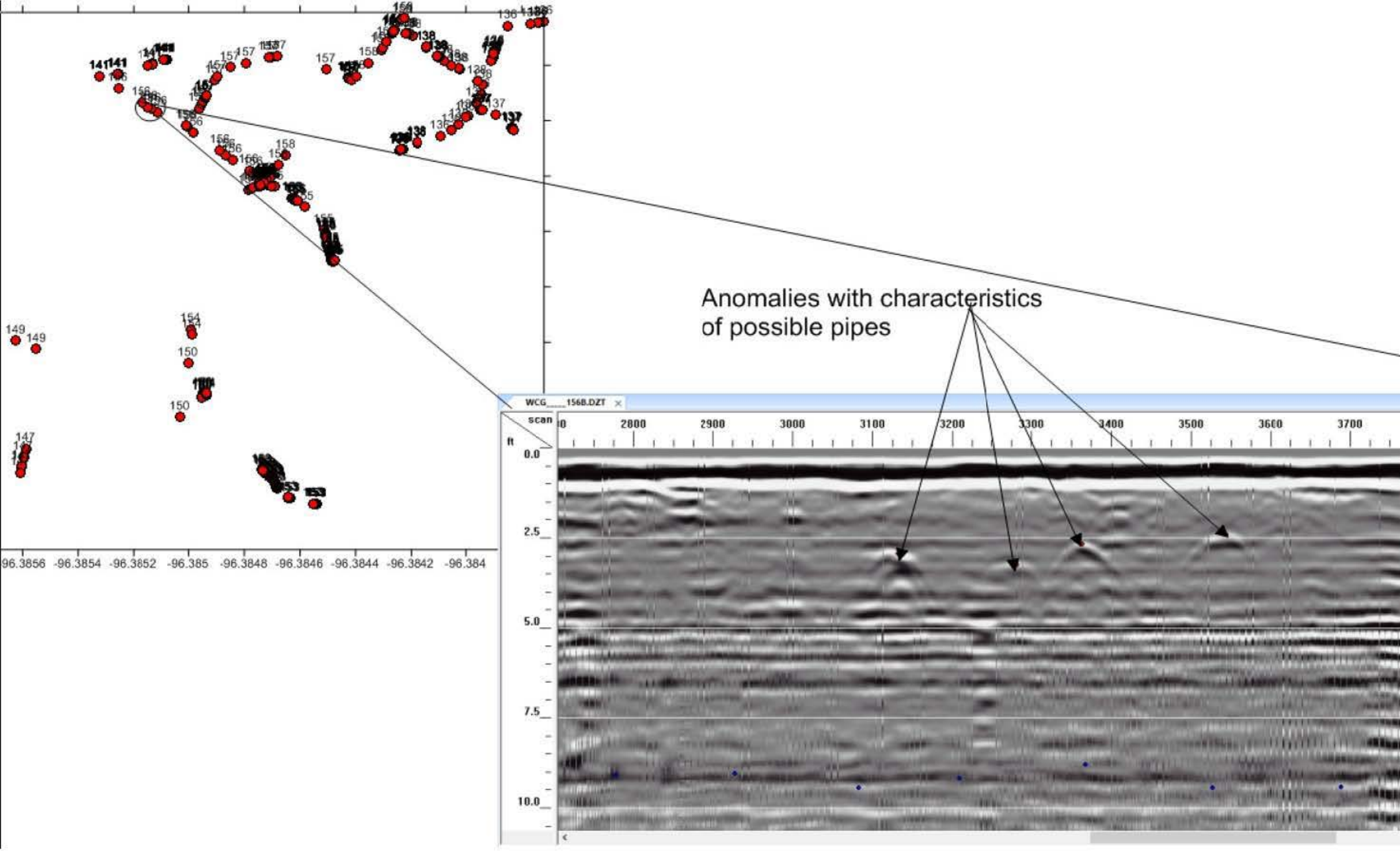




Conductivity (mmhos/meter)
- -250 to 0
- 0 to 15
- 15 to 25
- 25 to 50
- 50 to 90
- 90 to 250

Inphase (ppt)
- -20 to -10
- -10 to -5
- -5 to 0
- 0 to 5
- 5 to 10
- 10 to 20

Figure 4
Wilcox Refine
EM31 Res



Location of GPR Anomaly
With Profile Number

Figure 41
Wilcox Refinery Area
Unknown GPR Anomalies and

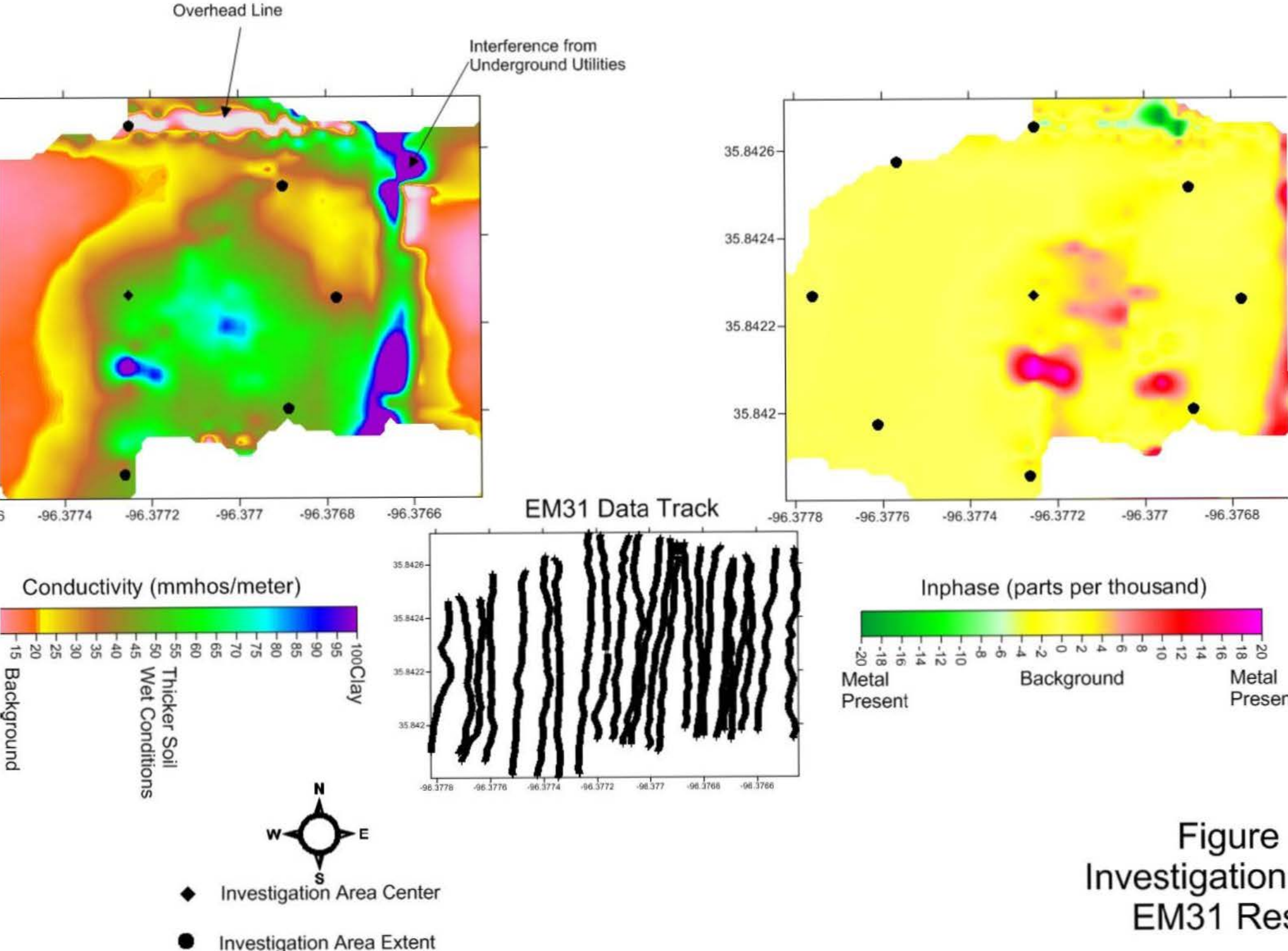
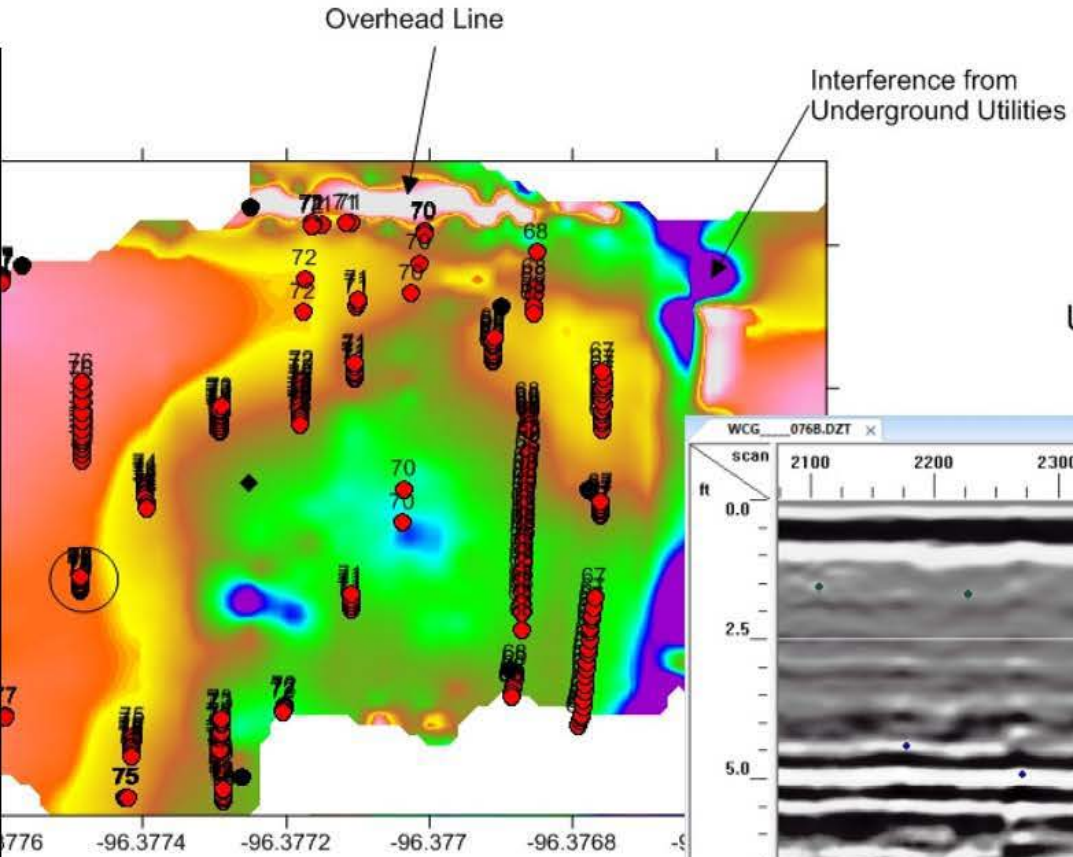
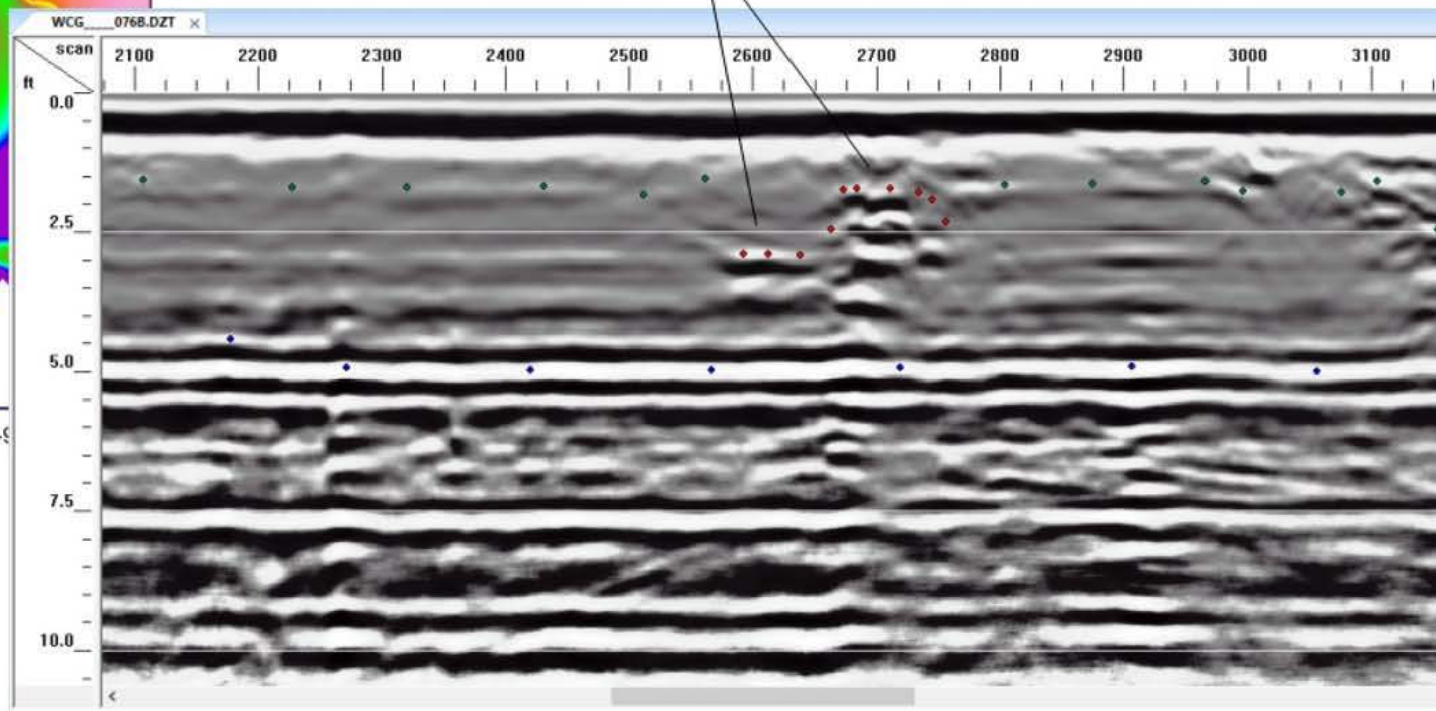
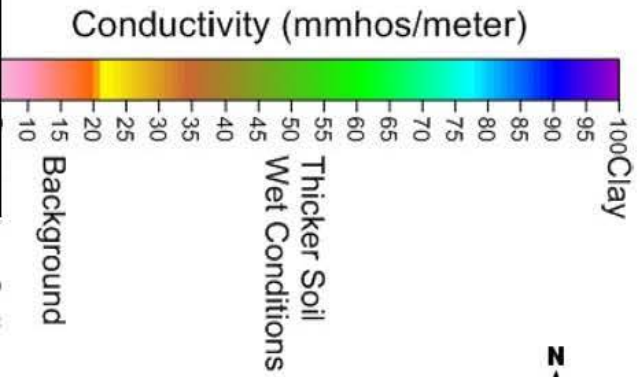


Figure
Investigation
EM31 Res





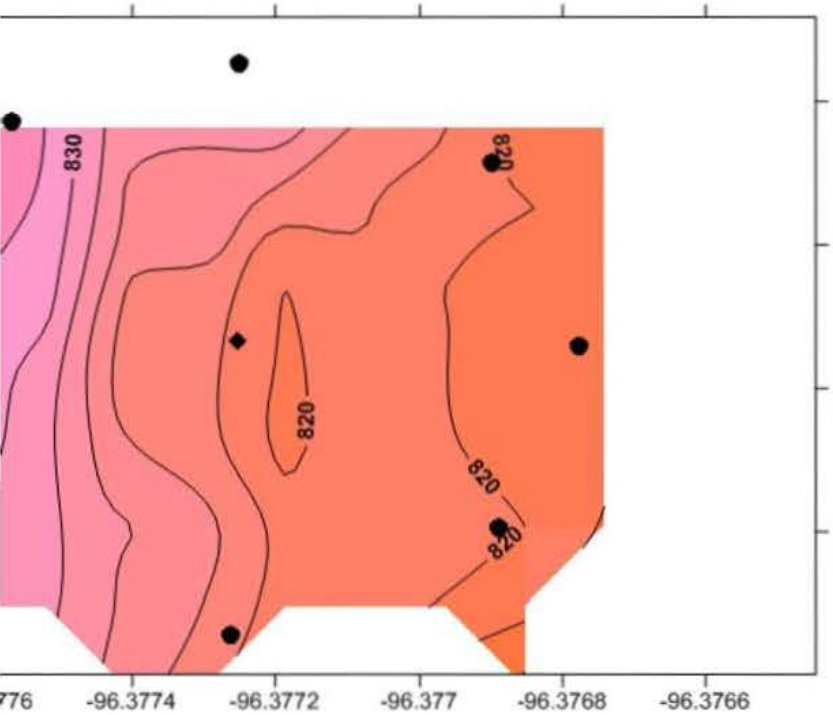


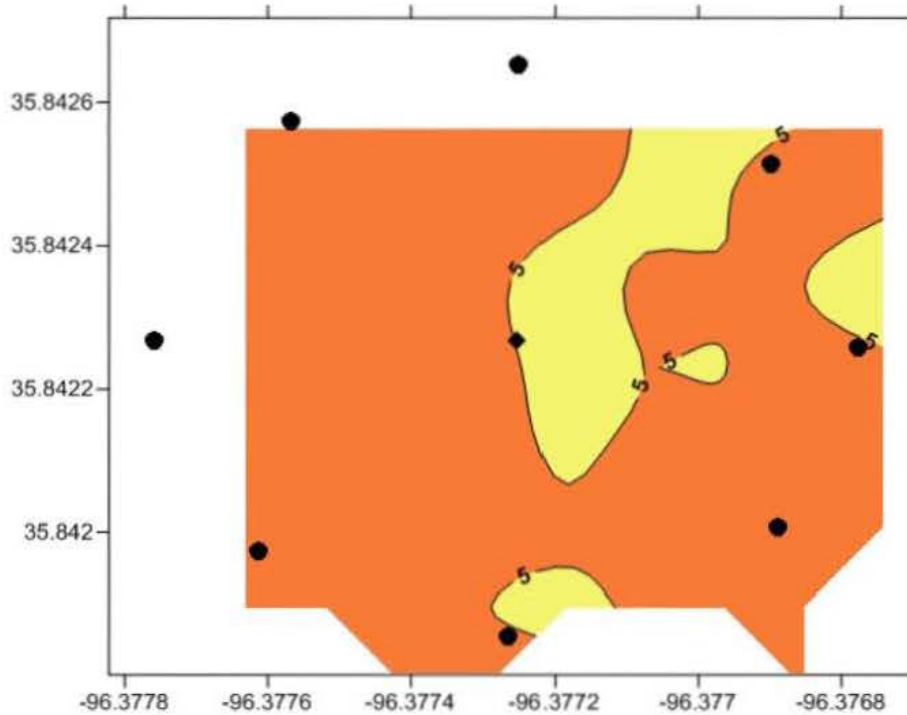
GPR Anomaly
file Number

◆ Investigation Area Center

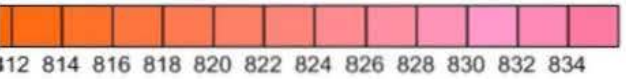
● Investigation Area Extent

Figure 6
Investigation Area 5
Unknown GPR Anomalies an

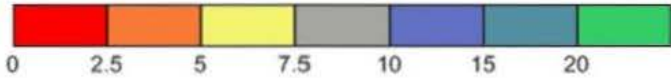




Bedrock Elevation (Feet above MSL)



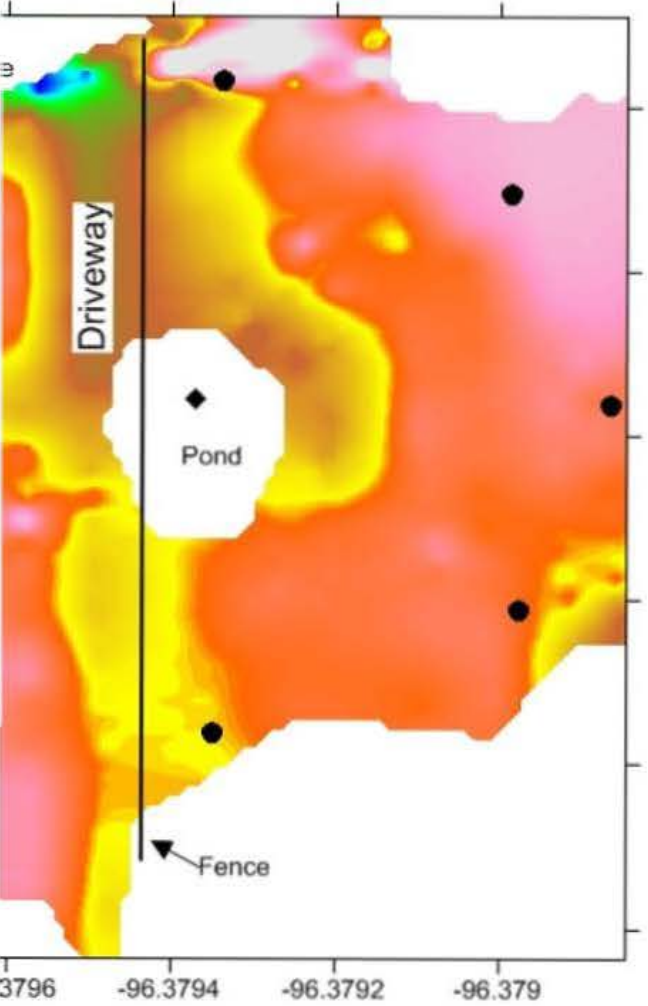
Soil Thickness (Feet)

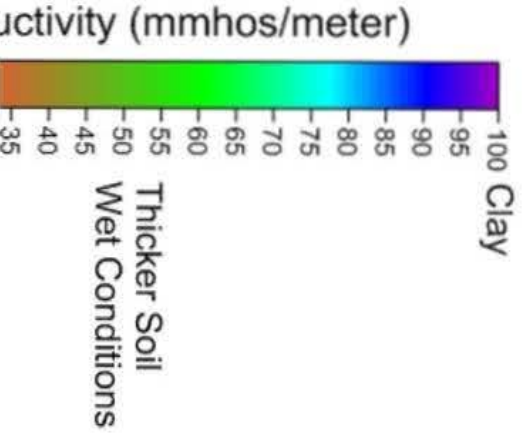


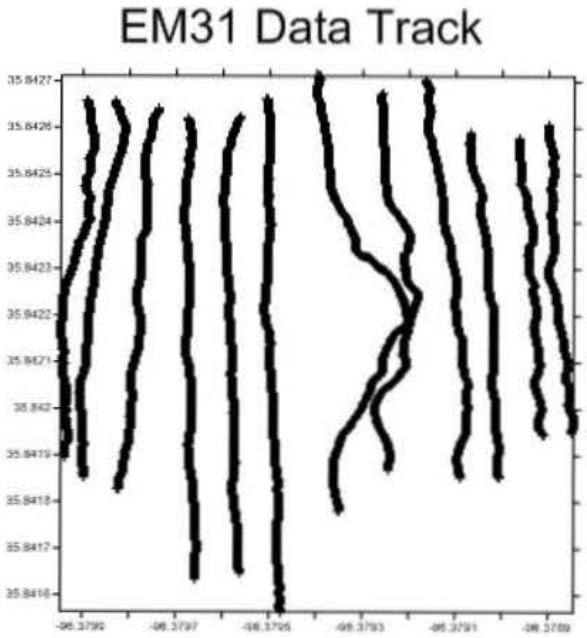
◆ Investigation Area Center

● Investigation Area Extent

Figure 7
Investigation Are
Bedrock Elevation/Soil

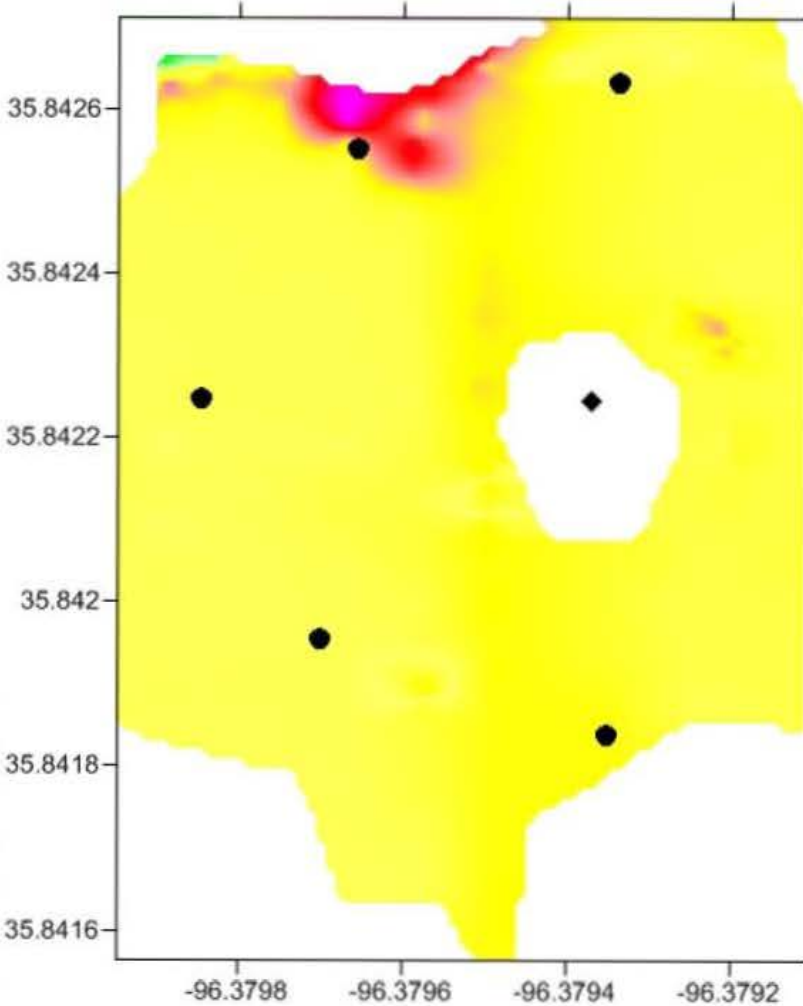


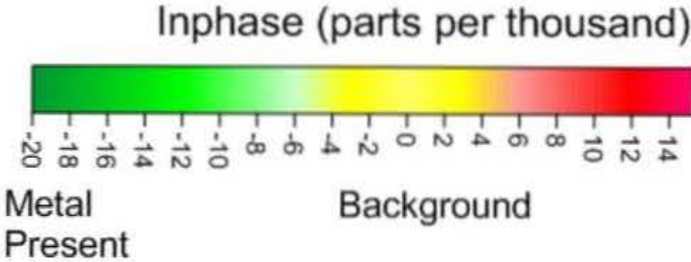




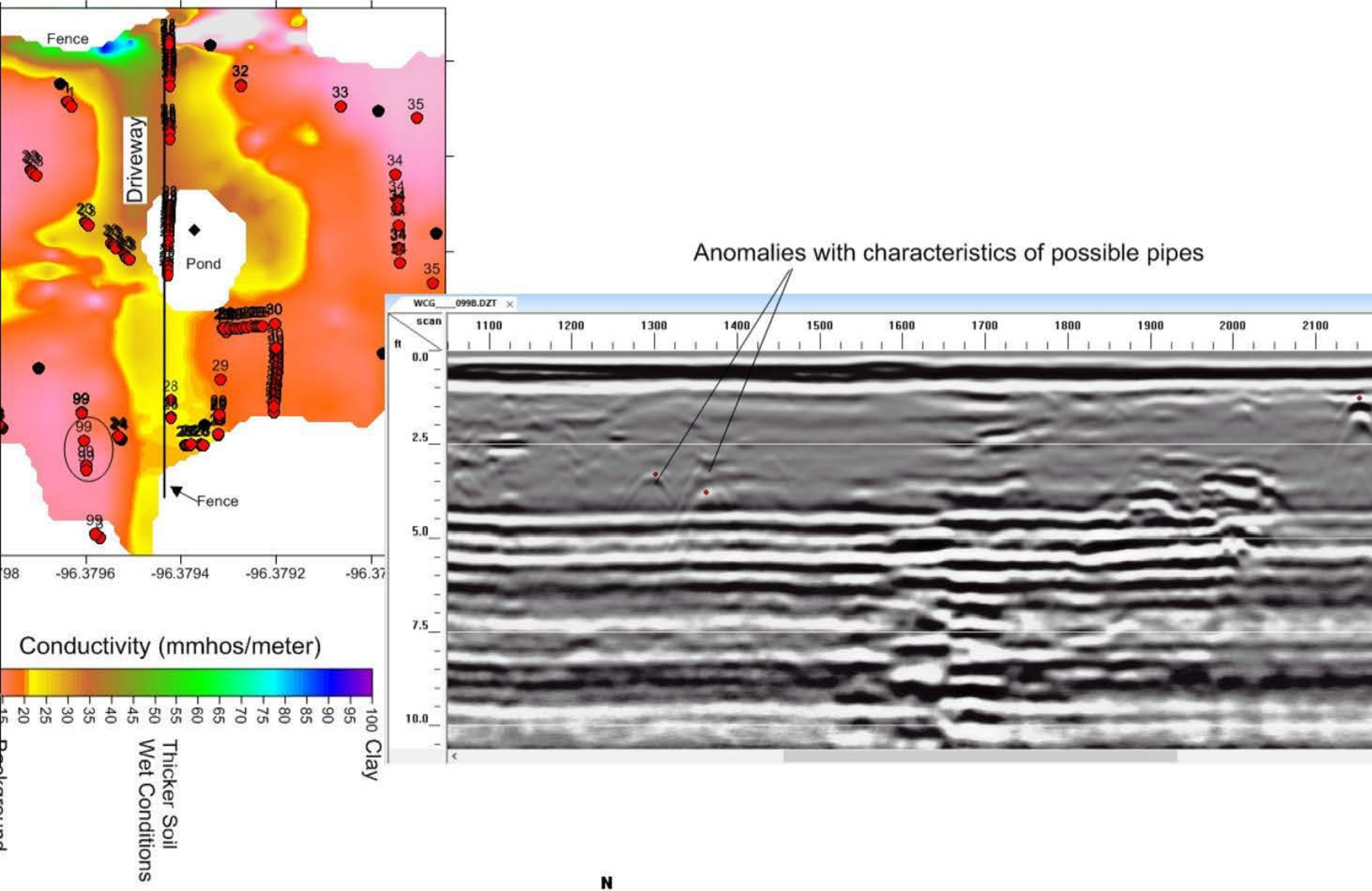
◆ Investigation Area Center

● Investigation Area Extent





Figu
Investigat
EM31



N
W
E
S

Location of GPR Anomaly With Profile Number

Investigation Area Center

Investigation Area Extent

Figure 9
Investigation Area 6
Unknown GPR Anomalies and

Lockheed Martin Information Systems and Global Services
Environmental Services/SERAS
2890 Woodbridge Ave, Building 209 Annex
Edison, NJ 08837-3679
Telephone: 732-321-4200 Facsimile: 732-494-4021

LOCKHEED MARTIN

Draft Technical Memorandum for the Geophysical Investigation at the Wilcox Refinery Superfund Site Bristow, Oklahoma

GEOPHYSICAL SURVEY METHODS

EM31 Terrain Conductivity Meter

EM31 terrain conductivity is used extensively for environmental and geotechnical applications such as delineation of buried wastes, soft or wet soils, and potential sinkholes. The EM31 is an electromagnetic system with a transmitter coil mounted on one end and a receiver coil at the other end of a 12-foot long plastic boom. An audio-frequency alternating current is applied to the transmitter coil, causing the coil to radiate an alternating primary EM field. The time-varying magnetic field generates eddy currents in subsurface materials which have an associated secondary magnetic field with a magnitude and phase shift (relative to the primary field) that is dependent on the conductivity of the medium. The receiver coil measures the resultant effect of both primary and secondary fields. By comparing the signal at the receiver to that at the transmitter, the instrument records the components of the secondary field inphase (inphase data) and 90 degrees out-of-phase (quadrature/conductivity data) with the primary field.

The EM31 is configured so that the out-of-phase component is converted to bulk electrical conductivity in units of millimhos per meter (mmhos/m). The measured conductivity is an apparent conductivity that is the result of the various subsurface materials that are sampled by the EM field. It is referred to as terrain conductivity. The inphase component is read in parts per thousand (ppt) of the primary EM field and is generally adjusted in the field to read zero response over background materials. The inphase component generally represents current density and is a gross measure of the presence of buried ferrous metal debris.

The EM31 has a maximum effective exploration depth of approximately 5.5 meters (18 feet) when operating in the vertical dipole mode (horizontal coils) with the instrument at normal operating height of about 0.9 meters (3 feet). In the horizontal mode (vertical coils), the EM31 has an effective exploration depth of about nine feet and is most sensitive to materials immediately beneath the ground surface. The EM31 data were collected in the vertical dipole mode for this project.

Before the EM31 survey was conducted, a site base station was established. During the first day of data collection, the EM31 was calibrated to this base station. The background conductivity values ranged from 14 to 16 mmhos/meter. At the beginning of each field day, the EM31 was field calibrated at this base station.

DRAFT

A second base file was collected at the end of each field day. Collection of base files at a consistent location is performed in case there is drift in the data due to atmospheric conditions. During the course of the investigation, morning background conductivity readings recorded at the base station varied between 14 and 16 mmhos/meter. A background reading of 14 to 16 mmhos/m was recorded for the terrain conductivity. The inphase reading is adjusted to zero ppt in the field. After the instrument was field calibrated, a base file was recorded and saved in the data logger memory. The base file collected a minimum of 30 seconds of EM data in the vertical dipole mode. Collection of base files each day also demonstrates that the EM31 is functioning properly.

Before collecting field data, the data logger was programmed with the appropriate file name and recording parameters. Header information imbedded in the file contains the operator's initials and a time/date stamp. The data logger, an Archer 2® field pc, digitally stored the EM31 data and the horizontal positioning data. The Archer 2® has an internal global positioning system (GPS). EM31 and GPS data were collected simultaneously at a rate of 15 readings per second.

Ground Penetrating Radar

GPR is an electromagnetic instrument that transmits and records radar EM pulses. GPR systems produce cross-sectional images of subsurface features by transmitting discrete radar pulses into the subsurface and recording the echoes or reflections from interfaces between materials with differing dielectric properties. To conduct a GPR survey, an antenna containing a transmitter and a receiver is slowly pulled along the ground surface. The transmitter radiates short pulses of high frequency EM energy into the ground. When the wave encounters the interface between two materials having different dielectric constants (dielectric permittivity), a portion of the energy is reflected back. The contrast in dielectric permittivity between the two media can be quantified by a reflection coefficient at the media interface. The magnitude of the reflection coefficient increases as the contrast in dielectric constant increases. The signal is transmitted to a control unit, displayed on a color monitor, and digitally recorded.

The effective penetration depth of a radar system is controlled by the dielectric permittivity, the electrical conductivity (usually dictated by moisture content) of the soils and the frequency of the antenna. In highly conductive materials (such as clay), the pulse is dissipated at very shallow depths. Two-way travel time on the GPR records can furnish estimates of depth if the dielectric constant for subsurface materials is known. If it is unknown, then an approximate depth can be obtained by using published average dielectric constants for the site soils.

Resolution of the GPR system is dependent on the frequency of the antenna used during the survey. Very high frequency antennae (900 megahertz [MHz] or greater) can resolve small features (less than an inch in diameter) but can penetrate to a maximum depth of 2 feet or shallower. Lower frequency antennae (100 to 500 MHz) can resolve objects deeper in the subsurface (up to 50 feet bgs, depending on soil conditions) but usually miss objects near surface. There is a tradeoff between depth penetration and resolution; in some cases it may be necessary to utilize two or more antennae to collect the necessary depth and resolution information.

DRAFT

The GPR antenna is calibrated by the manufacturer. In order to document the antenna and GPR are functioning properly a test line is performed each day. Similar to the base station used with the EM31, a single line is marked on the ground surface and a test line is recorded along this line at the beginning and end of each field day. Although the resulting GPR images will not be duplicates of each other (due to daily soil moisture content), the images will be similar and they will demonstrate that the GPR and antenna are operational.

During the initial test line, operating and recording parameters such as the range (amount of time the instrument records after transmitting an EM pulse), scan rate (number of recorded traces or scans per second), transmitter pulse rate (frequency at which the EM pulses are transmitted), instrument gains, and filter settings. These settings are automatically stored in a header file with the digital GPR data. At the beginning of each day, the GPR retrieves these parameters from the internal project folder.

A SIR3000 GPR unit with a 400 Megahertz antenna, both manufactured by GSSI, Inc. of North Salem, NH, were utilized during this investigation. In order to record horizontal positioning data, an external GPS unit was mounted to the GPR survey cart. The SIR3000 records time stamps which are matched to time stamps recorded by the GPS. The RADAN7 GPR processing software, then merges the two files based on the time stamps. The time stamps are based on satellite time, not the local time zones.

GEOPHYSICAL DATA PROCESSING

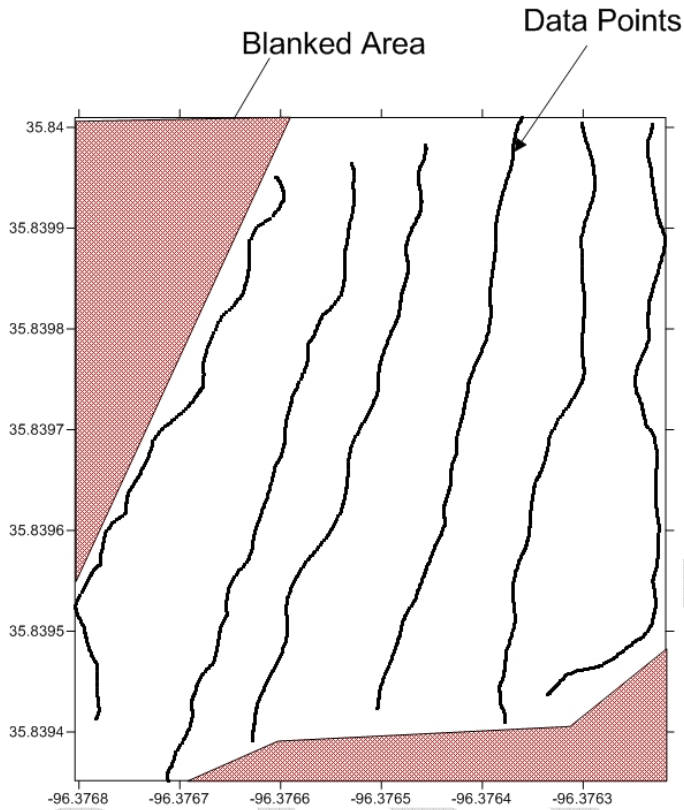
EM31 Data Processing

At the end of each field day, the Archer 2 field PC, was downloaded. The individual EM31 files are sorted by investigation area. Once sorted, the EM31 raw data files (files with an extension *.R31) are imported into the manufacturer supplied DAT31™ software. This software opens the *.R31 file and merges the GPS data together. The file is then saved as a data file with the *.G31 extension. This file is then exported as a data file in an XYZ format that is readable by the contouring software package Surfer© (Golden Software, Inc.).

The XYZ file (file extension *.DAT) includes the following data columns: longitude, latitude, conductivity, inphase, date, and time. If multiple data files were collected in the same investigation area over several days, the files were merged into one data file for contouring. In each investigation area, one EM31 data file was created. The EM31 data file was also prepared for entry to the SCRIBE software package. An additional column was added to the file (Location ID).

Each Investigation Area data file was processed through Surfer to create a color-contour figures representing the conductivity and inphase. A data post map was created to show the location of each data point collected within the Investigation Area. Because survey areas are rarely square, the post map will show areas that were not part of the survey area in order to incorporate the irregular shaped survey area. The following figure shows how the data is posted and the areas where no data exists are blanked.

DRAFT



These areas that are not part of the survey area are blanked out prior to contouring the data. By blanking out these areas, the contouring software does not try to include these areas where there is no actual data.

The blanked file is then gridded using Kriging method. Two gridded sets are created (conductivity and inphase). A color contour interval scale is created to accommodate all of the investigation areas. It is preferred to create a consistent color contour scale to be used for all EM data on a particular site. In this survey, the EM31 conductivity scale was set to range from 0 to 100 mmhos/meter and the inphase scale was set to -20 to 2- ppt.

In several investigation areas, the conductivity values were negative. Negative conductivities do not occur in nature. The negative value is caused by the EM31 going off scale (greater than 1,000 mmhos/meter, the software is programmed to record this data as a negative value. For the purposes of these investigation areas, the negative conductivities corresponded to areas where surface metal was present as well as areas where elevated conductivities were being recorded within scale therfore the negative values were not shown separately on the EM31 conductivity figures.

The inphase scale generally ranges from -18 to 18 ppt. Inphase readings of -3 to 3 ppt are generally considered background readings. Both ends of the contour scale (greater than 10 ppt and less than -10 ppt) are considered to be influenced by the presence of metal.

Interpretation of EM31 Data

Terrain conductivity surveying is a reconnaissance method of determining the electric and magnetic properties of subsurface materials. The conductivity measurement is dependent upon the density, porosity, moisture content, and the presence or absence of electrolytes or colloids in the subsurface materials. Because of the variety of factors that affect terrain conductivity measurements, the actual magnitude of the terrain conductivity values measured is less important than the trends and anomalies in the measurements.

An EM survey, which measures the conductivity of a volume of the subsurface, can be used to gauge the relative amounts of soil and rock within the area of measurement. High apparent conductivity measurements would imply a thicker soil cover and low or no rock volume present, while lower apparent conductivities would suggest a greater effect from bedrock, therefore indicating a thinner soil cover.

Very low conductivity values [approaching 0 mmhos/meter (mmhos/meter)] are usually the result of cultural interference but may also indicate air space and possible voids. The theoretical conductivity of air is 0 mmhos/meter. Utilities (above and below the ground surface) can significantly impact the data quality. Utilities observed while the geophysicist is collecting the data are noted in field notes and incorporated into the data processing and highlighted on the report figures when they are present.

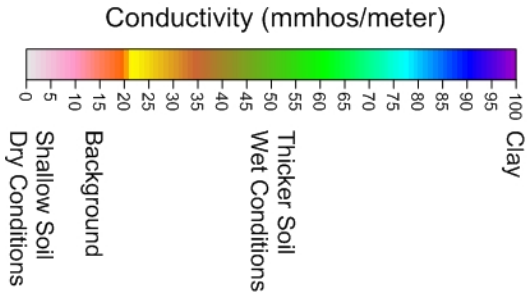
A major objective of geophysical survey at the Wilcox Refinery Site was to delineate areas of hydrocarbon impacted soil. Crude oil contains impurities that will cause the conductivity values to be elevated. However there is insufficient metals in the crude oil to cause the inphase readings to be elevated. Therefore, the EM31 data plots were reviewed for areas of high conductivity with low inphase readings. If the conductivity was elevated but the inphase was elevated as well, the data indicates the presence of metal.

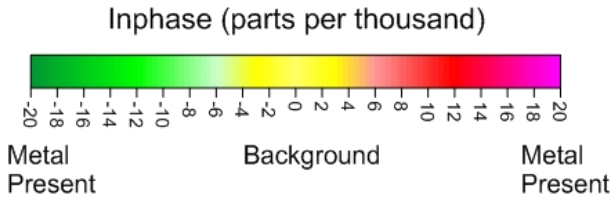
Areas with low conductivity and low inphase values are typically thin soils or dry conditions. When an anomaly registers a low conductivity but a high inphase reading, surface interference is generally suspected.

During test pitting at the site, another set of conditions was encountered. An area of very high conductivity values with near background inphase values was detected at an investigation area. When a test pit was conducted at this location, a dense clay layer was encountered approximately 3.5 feet below the ground surface (BGS). Clay will elevate conductivity values.

Based on the EM data collected during this investigation and comparison to known site conditions, the following color scales for the conductivity and inphase were adapted.

DRAFT





GPR Data Processing

The GPR files are downloaded to a computer along with the GPS data. The RADAN7 software package merges the two files together. The resultant file can be used to highlight individual anomalies or highlight layers within the subsurface.

Each GPR file is first corrected for the surface wave. On a raw GPR file, there is a banded reflection at the top of the profile. This is the surface wave and is caused by the GPR energy hitting the ground surface directly beneath the antenna. The surface wave is removed to correct the depth scale. Once the surface wave is removed, the edited file is opened and the top of the profile will show 0 feet (depth) and the band is gone.

Because the objective of the GPR survey is to determine the depth to rock, the GPR profiles were reviewed for layers. When individual anomalies of interest, such as pipes, were observed they were noted as well. During processing the color scale of each of the profiles is kept in the black-gray-white scale.

The next step is to adjust the gain on the data. The gain is adjusted up or down depending on each profile. Normally the adjustment is minor but necessary to highlight some anomalies. The gain needs to be turned up in order to see small or unclear anomalies. But turning the gain up too high will cause all of the data to appear washed out. The concept is similar to audio- turn the music up loud enough to hear, but if it is too loud it is all noise.

After adjusting the gain, each profile was reviewed for the layer interpreted to be the top of bedrock. Information collected on the site, including visual observations, indicated the bedrock could range from 3 feet BGS to greater than 15 feet BGS. Since the GPR files are tied to GPS, the interpreted top of bedrock was highlighted on the profile and then exported as a comma delimited XYZ data file. The XYZ file (file extension *.CSV) includes the following data columns: longitude, latitude, depth to rock, surface elevation, elevation of bedrock, and date. The GPR files were exported individually but combined to one file for creating a top of bedrock elevation figure. An additional column (Location ID) was included for the file prepared for entry to the SCRIBE software package.

The GPR profiles were saved as image files (*.jpeg). Several GPR profiles have been included with this report. All of the GPR profile images will be submitted with the final report on a DVD.

DRAFT

Interpretation of GPR Data

A GPR records the echoes and reflections between interfaces to produce cross-sectional images. All media have a dielectric constant, the greater the difference between the dielectric constants of the two adjacent materials, the brighter the reflection (or color) will be on the GPR profile. It is important to remember that the color scales provided on GPR profiles represent the change in dielectric constants. The greater the difference in dielectric constants – the brighter the reflection will be on the profile. The color scales are unit-less.

The following table includes dielectric constants of materials encountered at the Wilcox Refinery.

Media	Dielectric Constant
Air	1
Water	81
Sand (Dry)	3-6
Sand (Wet)	25-30
Clay (Wet)	8-15
Clay (Dry)	3
Silt	10
Sandstone	6
Petroleum	2

When the change between two materials increases- for example going from a dry sand to a wet sand the color will shift to the right on the scale. When the change represents a decrease – such as silt to sandstone- the color will shift to the left on the scale.

At the Wilcox Refinery Site, the overburden material is primarily silt and sand, some clay was also observed. Since each of these materials would involve a dielectric shift to the right (increase) when the sandstone was encountered, the GPR profiles were reviewed for a bright, continuous reflection.

On many of the GPR profiles more than one bright, continuous reflections were observed. These areas were selected for test pits in order to determine what the multiple layers represented. After test pits were completed, the more shallow reflection was found to be layers of clay/clayey silt. The deeper reflection was determined to be the top of the bedrock.

GEOPHYSICAL SURVEY RESULTS

The following sections include the geophysical results for each of the investigation areas. Figures discussed in each of the sections are included in Appendix A. These results were based on the geophysical surveys data as well as the test pits that were completed during the geophysical survey. Additional drilling is planned at the site, data collected from the additional drilling will be used to refine the geophysical survey results.

DRAFT

Figure 1 shows the locations of the investigation areas. Several investigation areas were eliminated from geophysical surveys due to accessibility issues. Brush clearing was required in some areas. The geophysical surveys were performed in accessible areas.

Investigation Area 1
IA1 was eliminated due to the dense brush.

Investigation Area 2
An attempt was made to survey IA2; however, the wet conditions at this location interfered with the GPR and EM31 data.

Investigation Area 3
Investigation Area 3 (IA3) is located on the eastern side of the site, as shown on Figure 1. Figure 2 presents the EM31 conductivity and inphase data collected in IA3 using the site wide standardized color contour scales. The actual conductivity data ranged from 4 to 28 mmhos/m and the inphase data ranged from -1 to 2 ppt. The EM31 data collected at IA3 does not show the presents of any significant anomalies. The conductivity is lower on the west and central portions of the survey area. The inphase readings are within the acceptable background interval. The data does not indicate the presence of metallic features. The presence of low conductivity values coupled with no inphase response most likely indicates shallow bedrock in the central and western sections compared to deeper rock to the north and east within the survey area.

Figure 3 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 3.

Figure 4 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 776 feet and 787 feet above mean sea level (AMSL). When subtracting the bedrock elevation from the ground surface elevation the soil thickness is calculated. Figure 4 also includes the soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 7.5 to 10 feet.

Investigation Area 4
IA4 was eliminated due to the dense brush.

Investigation Area 5
Investigation Area 5 (IA5) is located on the north east corner of the site, as shown on Figure 1. Figure 5 presents the EM31 conductivity and inphase data collected in IA5 using the site wide standardized color contour scales. The actual conductivity data ranged from -49 to174 mmhos/m and the inphase data ranged from -20 to -26 ppt. As discussed above, negative conductivities do not exist in nature. The negative conductivities and extremely high readings are caused by interference from surface features. Underground and overhead utilities have been noted on Figure 5. The low conductivity values (ranging from 12 to 25 mmhos/m) have been interpreted to represent shallow bedrock. In the central portion of the EM31 survey data, higher conductivities (50 to 75 mmhos/m) were observed. These elevated readings may indicate the soil has been impacted by hydrocarbons or the soil is thicker in this area.

DRAFT

The inphase data shows only two other anomalies besides the utilities. Both of these have been attributed to surface features.

Figure 6 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 6.

Figure 7 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 810 to 834 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 3 to 8 feet, with the slightly thicker areas being located in the central portion of the survey area.

Investigation Area 6

Investigation Area 6 (IA6) is located on the north perimeter of the site along the public road. This survey area is nearly bisected by the barbed wire fence. Along the east side of the fence is a pond. Figure 8 presents the EM31 conductivity and inphase data collected in IA6 using the site wide standardized color contour scales. The actual conductivity data ranged from -54 to 92 mmhos/m and the inphase data ranged from -15 to 20 ppt. As discussed above, negative conductivities do not exist in nature. The negative conductivities and extremely high readings are caused by interference from surface features. The low conductivity values (ranging from 12 to 25 mmhos/m) have been interpreted to represent shallow bedrock. The presence of the fence has caused as elongated anomaly.

In the central portion of the EM31 survey data, higher conductivities (25 to 35 mmhos/m) were observed. These elevated readings may indicate the soil has been impacted by hydrocarbons or the soil is thicker in this area. The inphase data shows only one anomaly which is located on the north side of the survey area. This has been attributed to the fence.

Figure 9 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 9.

Figure 10 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 804 to 840 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 4 to 15 feet. The orientation of the GPR profiles in this IA was primarily northwest to southeast which has caused the contours to appear elongated in that directions.

Investigation Area 7

Investigation Area 7 (IA7) is located on the north perimeter of the site along the public road and adjacent to the pipeline pumping station. Figure 11 presents the EM31 conductivity and inphase data collected in IA7 using the site wide standardized color contour scales. The actual conductivity data ranged from -18 to 100 mmhos/m and the inphase data ranged from -20 to 13 ppt. As discussed above, negative conductivities do not exist in nature. The negative conductivities and extremely high readings are caused by interference from surface features, in this example the pipeline. The low conductivity values (ranging from 12 to 25 mmhos/m) have

DRAFT

been interpreted to represent shallow bedrock. The inphase data shows one significant anomaly which is the pipeline traversing the survey area from southeast to northwest.

Figure 12 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 12.

Figure 13 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 782 to 820 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 5 to 15 feet. The orientation of the GPR profiles in this IA was primarily northwest to southeast which has caused the contours to appear elongated in that directions. A test pit was completed in the area, shown as a pink square on the EM and GPR contour maps. Field notes recorded during the test pit indicated that soil was encountered to at least a depth of 5.5 feet. The notes do not indicate if excavation continued until bedrock was encountered.

Investigation Area 8

Investigation Area 8 (IA8) is located on the east-central part of the site. This survey area is nearly bisected by the barbed wire fence. Figure 14 presents the EM31 conductivity and inphase data collected in IA8 using the site wide standardized color contour scales. The actual conductivity data ranged from 16 to 167 mmhos/m and the inphase data ranged from -19 to 18 ppt. The very high conductivity values (>100 mmhos/m) may be an indication of the presence of hydrocarbon impacted soil The inphase data collected in the same area indicates data values slightly above the background readings. The EM31 low conductivity values (ranging from 12 to 25 mmhos/m) have been interpreted to represent shallow bedrock. The presence of the fence has caused as elongated anomaly.

Figure 15 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 15.

Figure 16 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 802 to 834 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 4 to 8 feet. Two test pits were completed within the perimeter of the survey area. Their locations are shown as pink squares on the EM and GPR contour maps. TP-3 was opened within the very high conductivity anomaly. According to field notes recorded during the test pit, a dense wet clay was encountered at 2.3 feet below the ground surface. Wet clay would appear in the EM conductivity data has an elevated reading. The notes do not indicate if excavation continued until bedrock was encountered.

Investigation Area 9

Investigation Area 9 (IA9) is located in the southern portion of the site. Figure 17 presents the EM31 conductivity and inphase data collected in IA9 using the site wide standardized color contour scales. The actual conductivity data ranged from -33 to 43 mmhos/m and the inphase data ranged from 0 to 2 ppt. As discussed above, negative conductivities do not exist in nature.

DRAFT

The negative conductivities and extremely high readings are caused by interference from surface features, in this example a previously unknown underground pipe. The low conductivity values (ranging from 12 to 25 mmhos/m) have been interpreted to represent shallow bedrock. The inphase data is considered to be background with no metallic features present.

Figure 18 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 18.

Figure 19 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 790 to 812 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 5 to 15 feet. Limited elongation of the data has occurred along the western side of the survey area due to the orientation of the GPR profile.

Investigation Area 10

Investigation Area 10 (IA10) is located in the central area of the site adjacent to a settling pond. Figure 20 presents the EM31 conductivity and inphase data collected in IA10 using the site wide standardized color contour scales. The actual conductivity data ranged from -61 to 95 mmhos/m and the inphase data ranged from -20 to 13 ppt. As discussed above, negative conductivities do not exist in nature. The negative conductivities and extremely high readings are caused by interference from surface features, in this location a previously unknown anomaly with characteristics of an underground pipe has been detected. The location and orientation of this anomaly align with the unknown anomaly detected during the survey of IA9. The low conductivity values (ranging from 12 to 25 mmhos/m) have been interpreted to represent shallow bedrock.

In the southeast section of this survey area, the EM31 conductivity readings range from 65 to 95 mmhos/m. This location is adjacent to the settling pond which has hydrocarbon visible on the ground surface. Except for the unknown pipe-like anomaly, the inphase data do not indicate the presence of significant amounts of metallic material.

Figure 21 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 21.

Figure 22 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 774 to 804 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 7.5 to greater than 10 feet.

Investigation Area 11

Investigation Area 11 (IA11) is located in the western section of the tank farm. The area available for surveying was limited due to the brush and the perimeter fence. Figure 23 presents the EM31 conductivity and inphase data collected in IA11 using the site wide standardized color contour scales. The actual conductivity data ranged from -33 to 107 mmhos/m and the inphase

data ranged from -11 to 9 ppt. As discussed above, negative conductivities do not exist in nature. The negative conductivities and extremely high readings are caused by interference from surface features, in this example a previously unknown underground pipe. The low conductivity values (ranging from 12 to 25 mmhos/m) have been interpreted to represent shallow bedrock. The inphase data is considered to be background with no metallic features present.

Figure 24 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 24.

Figure 25 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 776 to 788 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 5 to greater than 10 feet.

Investigation Area 12

Investigation Area 12 (IA12) is located south of the IA11. The area available for surveying was limited due to the brush. Figure 26 presents the EM31 conductivity and inphase data collected in IA12 using the site wide standardized color contour scales. The actual conductivity data ranged from -63 to 168 mmhos/m and the inphase data ranged from -19 to 2 ppt. As discussed above, negative conductivities do not exist in nature. The negative conductivities and extremely high readings are caused by interference from surface features, in this example influence from metal objects and fencing. The low conductivity values (ranging from 12 to 25 mmhos/m) have been interpreted to represent shallow bedrock. The inphase data is considered to be background with several small metallic features present.

Figure 27 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 27.

Figure 28 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 766 to 782 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 7.5 to greater than 10 feet.

Tar Pit Investigation Area

The Tar Pit Investigation Area is located along the west and south side of the settling pond perimeter fence. Figure 29 presents the EM31 conductivity and inphase data collected in the Tar Pit Investigation Area using the site wide standardized color contour scales. The actual conductivity data ranged from -80 to 163 mmhos/m and the inphase data ranged from -20 to 18 ppt. The inphase data collected across the majority of this survey area is within the background range. The previously identified pipeline traverses the survey grid from southeast to northwest. The EM31 low conductivity values (ranging from 12 to 25 mmhos/m) have been interpreted to represent shallow bedrock.

DRAFT

Figure 30 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 30.

Figure 31 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 786 to 822 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 7.5 to 10 feet.

Tank Cluster Investigation Area

The Tank Cluster Investigation Area is located between IA7 and IA10. Figure 32 presents the EM31 conductivity and inphase data collected in the Tank Cluster Investigation Area using the site wide standardized color contour scales. The actual conductivity data ranged from -130 to 204 mmhos/m and the inphase data ranged from -20 to 20 ppt. The inphase data collected across the majority of this survey area is within the background range. The previously identified pipeline traverses the survey grid from southeast to northwest. The EM31 low conductivity values (ranging from 12 to 25 mmhos/m) have been interpreted to represent shallow bedrock.

Figure 33 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 33.

Figure 34 presents a color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges between 790 to 812 feet AMSL. The soil thickness map which is similar to the EM31 data in that it shows the thickness of the soil to range from approximately 5 to 10 feet.

Summary of Tank Farm Area

Figure 35 presents the EM31 conductivity and inphase data collected in the large area referred to as the Tank Farm.

Figure 36 presents the bedrock elevation and soil thickness contours collected over the tank farm.

Lorraine Refinery

The Lorraine Refinery property is also referred to as the church property. Figure 37 presents the EM31 conductivity and inphase data collected on the Lorraine Refinery using the site side standardized color contour scales. The actual conductivity data ranged from -80 to 204 mmhos/m and the inphase data ranged from -16 to 20 ppt. Elevated conductivity readings indicate the presence of numerous anomalies that may represent piping or potential contamination. The inphase data were influenced on the west side of the survey area by the perimeter fence.

Figure 38 shows the locations of anomalies detected by the GPR that are not linear features interpreted to be bedrock. Example profiles are presented in Figure 38.

DRAFT

Figure 39 presents the color-contour interval map of the interpreted bedrock elevation and the interpreted soil thickness. Based on the interpretation of the GPR data, the elevation of the top of the bedrock ranges from 778 to 804 feet AMSL. The soil thickness map shows the thickness of the soil to range from 7.5 to greater than 10 feet.

Wilcox Refinery

The Wilcox Refinery property is shown on Figure 1. Figure 40 presents the EM31 conductivity and inphase data collected on the Wilcox Refinery using a class-post color scale. There were insufficient data collected within the Wilcox Refinery to create a contour map. The classed post figure represents the data divided into actual ranges, not contours. There is insufficient EM data to interpret any significant anomalies.

Figure 41 shows the locations of anomalies detected by the GPR. Example profiles are presented in Figure 41.

DRAFT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

January 13, 2016

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

Raymond Flores

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Katrina Coltrain, Remedial Project Manager (6SF-RL)

Site: **WILCOX OIL**

Case#: **45671**

SDG#: **F6R00**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: January 12, 2016

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Wallace Doong, Data Reviewer, ESAT WD

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ by WD

SUBJECT: CLP Data Review

Contract No.:	EP-W-13-026
TO No.:	002
Task/Sub-Task:	2-11
ESAT Doc. No.:	1602-211-0051
TDF No.:	6-16-115A
ESAT File No.:	O-1317

Attached is the data review summary for Case # 45671
SDG # F6R00
Site Wilcox Oil

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099
ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	45671	SITE	Wilcox Oil
LABORATORY	EQI	NO. OF SAMPLES	5
CONTRACT#	EP-W-14-035	MATRIX	Soil
SDG#	F6R00	REVIEWER (IF NOT ESB)	ESAT
SOW#	SOM02.3/MA 2544.1	REVIEWER'S NAME	Wallace Doong
SF#	303DD2GG	COMPLETION DATE	January 12, 2016

SAMPLE NO.					
	F6R00	F6R04			
	F6R01				
	F6R02				
	F6R03				

DATA ASSESSMENT SUMMARY

	LMVOA	SVOA	SVOA-SIM
1. HOLDING TIMES	O	O	M
2. GC/MS TUNE/INSTR. PERFORM.	O	O	O
3. CALIBRATIONS	O	O	M
4. BLANKS	O	O	O
5. DMC/SURROGATES	M	O	O
6. MATRIX SPIKE/DUPLICATE/LCS	N/A	N/A	N/A
7. OTHER QC	N/A	N/A	N/A
8. INTERNAL STANDARDS	O	O	M
9. COMPOUND ID/QUANTITATION	O	O	O
10. PERFORMANCE/COMPLETENESS	O	O	O
11. OVERALL ASSESSMENT	M	O	M

O = Data had no problems.
M = Data qualified because of major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS: SVOA-SIM The re-extraction of samples F6R01, F6R02, F6R03, and F6R04 exceeded the contractual holding time limit. The laboratory failed to reanalyze samples F6R01 and F6R03 for unacceptable IS performance. These deficiencies caused data qualification.

AREA OF CONCERN: LMVOA Sample F6R03 had two outlying DMC recoveries. **SVOA-SIM** The re-extraction of samples F6R01, F6R02, F6R03, and F6R04 exceeded the technical holding time limit. The 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol failed the technical %D calibration criteria. Samples F6R01 and F6R03 had poor IS performance.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 45671 **SDG** F6R00 **SITE** Wilcox Oil **LAB** EQI

COMMENTS: This SDG consisted of five soil samples for LMVOA, SVOA, and SVOA-SIM analyses following CLP SOW SOM02.3. The samples were also subject to Modified Analysis Request 2544.1 (MA 2544.1), which required the laboratory to analyze the samples for 19 additional compounds and lower CRQLs for the SVOA-SIM analyses. MS/MSD analyses were not requested for this case.

The SOW requires that the soil sample results be adjusted for moisture content as well as dilution when applicable. The adjusted CRQLs, higher than the CRQLs specified in the SOW and MA 2544.1, were reported by the laboratory and are referred to as SQLs in this report.

S4VEM Review was performed for this package as requested by the Region. The target compounds of concern with the required CRQLs are listed in MA 2544.1 (pages 29 and 30 of this report). Although both the full scan and SIM analysis results were available for all SVOA samples, the SIM analysis results are designated for use only when the corresponding full scan analysis results were non-detects or below the SQLs. The target compounds of concern reported at concentrations above the SQLs were dibenzofuran and/or PAHs in all SVOA-SIM samples.

Because of high matrix background, the laboratory analyzed all LMVOA samples at the medium level (5 gm) and all SVOA and SVOA-SIM samples at 20X dilution. The laboratory also re-extracted and reanalyzed SVOA-SIM samples F6R01, F6R02, F6R03, and F6R04 at medium level (1 gm) with dilution (up to 5X) because of high 2-methylnaphthalene concentrations.

OVERALL ASSESSMENT: Some results were qualified for LMVOA sample F6R03 and all SVOA-SIM samples because of problems with holding time, calibration, DMC recovery, and/or IS performance. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

The laboratory was contacted for some CSF deliverable and reporting issues (see Resubmission Request). The laboratory response will not impact the DST, so the DST included in this report is the final version.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
EDM	EXES Data Manager
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE:	Case Number
SDG:	SDG Number
EPASAMP:	EPA Sample Number
LABID:	Laboratory File/Sample ID
MATRIX:	Sample Matrix
ANDATE:	Sample Analysis Date
ANTIME:	Sample Analysis Time
CASNUM:	Compound CAS Number
ANALYTE:	Compound Name
CONC:	Compound Concentration
VALDQAL:	Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)
UNITS:	Concentration Units
ADJCRQL:	Adjusted Contract Required Quantitation Limit Value
SMPDATE:	Sampling Date
STATLOC:	Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

N Identification is tentative.

J Estimated value.

L Reported concentration is below the CRQL.

M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.

R Unusable.

^ High biased. Actual concentration may be lower than the concentration reported.

v Low biased. Actual concentration may be higher than the concentration reported.

F+ A false positive exists.

F- A false negative exists.

UJ Estimated quantitation limit.

T Identification is questionable because of absence of other commonly coexisting pesticides.

C Identification of pesticide or Aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).

X Identification of pesticide or Aroclor could not be confirmed by GC/MS when attempted.

***** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-71-8	Dichlorodifluoromethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	74-87-3	Chloromethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-01-4	Vinyl chloride	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	74-83-9	Bromomethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-00-3	Chloroethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-69-4	Trichlorofluoromethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-35-4	1,1-Dichloroethene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	67-64-1	Acetone	540	U	ug/kg	540	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-15-0	Carbon disulfide	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	79-20-9	Methyl acetate	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-09-2	Methylene chloride	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	156-60-5	trans-1,2-Dichloroethene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	1634-04-4	Methyl tert-butyl ether	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-34-3	1,1-Dichloroethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	156-59-2	cis-1,2-Dichloroethene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	78-93-3	2-Butanone	540	U	ug/kg	540	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	74-97-5	Bromochloromethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	67-66-3	Chloroform	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	71-55-6	1,1,1-Trichloroethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	110-82-7	Cyclohexane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	56-23-5	Carbon tetrachloride	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	71-43-2	Benzene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	107-06-2	1,2-Dichloroethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	79-01-6	Trichloroethene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	108-87-2	Methylcyclohexane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	78-87-5	1,2-Dichloropropane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-27-4	Bromodichloromethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	10061-01-5	cis-1,3-Dichloropropene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	108-10-1	4-Methyl-2-pentanone	540	U	ug/kg	540	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	108-88-3	Toluene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	10061-02-6	trans-1,3-Dichloropropene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	79-00-5	1,1,2-Trichloroethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	127-18-4	Tetrachloroethene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	591-78-6	2-Hexanone	540	U	ug/kg	540	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	124-48-1	Dibromochloromethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	106-93-4	1,2-Dibromoethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	108-90-7	Chlorobenzene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	100-41-4	Ethylbenzene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	95-47-6	o-Xylene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	179601-23-1	m, p-Xylene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	100-42-5	Styrene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	75-25-2	Bromoform	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	98-82-8	Isopropylbenzene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	79-34-5	1,1,2,2-Tetrachloroethane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	541-73-1	1,3-Dichlorobenzene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	106-46-7	1,4-Dichlorobenzene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	95-50-1	1,2-Dichlorobenzene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	96-12-8	1,2-Dibromo-3-chloropropane	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	120-82-1	1,2,4-Trichlorobenzene	270	U	ug/kg	270	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/09/2015	19:22:00	87-61-6	1,2,3-Trichlorobenzene	270	U	ug/kg	270	12/03/2015	P-04-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-71-8	Dichlorodifluoromethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	74-87-3	Chloromethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-01-4	Vinyl chloride	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	74-83-9	Bromomethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-00-3	Chloroethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-69-4	Trichlorofluoromethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-35-4	1,1-Dichloroethene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	67-64-1	Acetone	550	U	ug/kg	550	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-15-0	Carbon disulfide	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	79-20-9	Methyl acetate	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-09-2	Methylene chloride	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	156-60-5	trans-1,2-Dichloroethene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	1634-04-4	Methyl tert-butyl ether	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-34-3	1,1-Dichloroethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	156-59-2	cis-1,2-Dichloroethene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	78-93-3	2-Butanone	550	U	ug/kg	550	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	74-97-5	Bromochloromethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	67-66-3	Chloroform	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	71-55-6	1,1,1-Trichloroethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	110-82-7	Cyclohexane	130	LJ	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	56-23-5	Carbon tetrachloride	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	71-43-2	Benzene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	107-06-2	1,2-Dichloroethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	79-01-6	Trichloroethene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	108-87-2	Methylcyclohexane	800		ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	78-87-5	1,2-Dichloropropane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-27-4	Bromodichloromethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	10061-01-5	cis-1,3-Dichloropropene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	108-10-1	4-Methyl-2-pentanone	550	U	ug/kg	550	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	108-88-3	Toluene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	10061-02-6	trans-1,3-Dichloropropene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	79-00-5	1,1,2-Trichloroethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	127-18-4	Tetrachloroethene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	591-78-6	2-Hexanone	550	U	ug/kg	550	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	124-48-1	Dibromochloromethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	106-93-4	1,2-Dibromoethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	108-90-7	Chlorobenzene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	100-41-4	Ethylbenzene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	95-47-6	o-Xylene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	179601-23-1	m, p-Xylene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	100-42-5	Styrene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	75-25-2	Bromoform	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	98-82-8	Isopropylbenzene	110	LJ	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	79-34-5	1,1,2,2-Tetrachloroethane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	541-73-1	1,3-Dichlorobenzene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	106-46-7	1,4-Dichlorobenzene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	95-50-1	1,2-Dichlorobenzene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	96-12-8	1,2-Dibromo-3-chloropropane	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	120-82-1	1,2,4-Trichlorobenzene	270	U	ug/kg	270	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/09/2015	19:43:00	87-61-6	1,2,3-Trichlorobenzene	270	U	ug/kg	270	12/03/2015	LOR-06

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-71-8	Dichlorodifluoromethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	74-87-3	Chloromethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-01-4	Vinyl chloride	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	74-83-9	Bromomethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-00-3	Chloroethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-69-4	Trichlorofluoromethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-35-4	1,1-Dichloroethene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	67-64-1	Acetone	810	U	ug/kg	810	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-15-0	Carbon disulfide	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	79-20-9	Methyl acetate	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-09-2	Methylene chloride	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	156-60-5	trans-1,2-Dichloroethene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	1634-04-4	Methyl tert-butyl ether	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-34-3	1,1-Dichloroethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	156-59-2	cis-1,2-Dichloroethene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	78-93-3	2-Butanone	810	U	ug/kg	810	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	74-97-5	Bromochloromethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	67-66-3	Chloroform	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	71-55-6	1,1,1-Trichloroethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	110-82-7	Cyclohexane	1300		ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	56-23-5	Carbon tetrachloride	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	71-43-2	Benzene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	107-06-2	1,2-Dichloroethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	79-01-6	Trichloroethene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	108-87-2	Methylcyclohexane	11000		ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	78-87-5	1,2-Dichloropropane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-27-4	Bromodichloromethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	10061-01-5	cis-1,3-Dichloropropene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	108-10-1	4-Methyl-2-pentanone	810	U	ug/kg	810	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	108-88-3	Toluene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	10061-02-6	trans-1,3-Dichloropropene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	79-00-5	1,1,2-Trichloroethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	127-18-4	Tetrachloroethene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	591-78-6	2-Hexanone	810	U	ug/kg	810	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	124-48-1	Dibromochloromethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	106-93-4	1,2-Dibromoethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	108-90-7	Chlorobenzene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	100-41-4	Ethylbenzene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	95-47-6	o-Xylene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	179601-23-1	m, p-Xylene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	100-42-5	Styrene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	75-25-2	Bromoform	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	98-82-8	Isopropylbenzene	1200		ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	79-34-5	1,1,2,2-Tetrachloroethane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	541-73-1	1,3-Dichlorobenzene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	106-46-7	1,4-Dichlorobenzene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	95-50-1	1,2-Dichlorobenzene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	96-12-8	1,2-Dibromo-3-chloropropane	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	120-82-1	1,2,4-Trichlorobenzene	410	U	ug/kg	410	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/09/2015	20:05:00	87-61-6	1,2,3-Trichlorobenzene	410	U	ug/kg	410	12/03/2015	LOR-12

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-71-8	Dichlorodifluoromethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	74-87-3	Chloromethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-01-4	Vinyl chloride	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	74-83-9	Bromomethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-00-3	Chloroethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-69-4	Trichlorofluoromethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-35-4	1,1-Dichloroethene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	67-64-1	Acetone	570	U	ug/kg	570	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-15-0	Carbon disulfide	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	79-20-9	Methyl acetate	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-09-2	Methylene chloride	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	156-60-5	trans-1,2-Dichloroethene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	1634-04-4	Methyl tert-butyl ether	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-34-3	1,1-Dichloroethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	156-59-2	cis-1,2-Dichloroethene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	78-93-3	2-Butanone	570	U	ug/kg	570	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	74-97-5	Bromochloromethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	67-66-3	Chloroform	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	71-55-6	1,1,1-Trichloroethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	110-82-7	Cyclohexane	11000		ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	56-23-5	Carbon tetrachloride	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	71-43-2	Benzene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	107-06-2	1,2-Dichloroethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	79-01-6	Trichloroethene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	14:59:00	108-87-2	Methylcyclohexane	29000		ug/kg	2900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	78-87-5	1,2-Dichloropropane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-27-4	Bromodichloromethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	10061-01-5	cis-1,3-Dichloropropene	290	UJv	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	108-10-1	4-Methyl-2-pentanone	570	U	ug/kg	570	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	108-88-3	Toluene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	10061-02-6	trans-1,3-Dichloropropene	290	UJv	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	79-00-5	1,1,2-Trichloroethane	290	UJv	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	127-18-4	Tetrachloroethene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	591-78-6	2-Hexanone	570	U	ug/kg	570	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	124-48-1	Dibromochloromethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	106-93-4	1,2-Dibromoethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	108-90-7	Chlorobenzene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	100-41-4	Ethylbenzene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	95-47-6	o-Xylene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	179601-23-1	m, p-Xylene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	100-42-5	Styrene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	75-25-2	Bromoform	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	98-82-8	Isopropylbenzene	2300	J^	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	79-34-5	1,1,2,2-Tetrachloroethane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	541-73-1	1,3-Dichlorobenzene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	106-46-7	1,4-Dichlorobenzene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	95-50-1	1,2-Dichlorobenzene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	96-12-8	1,2-Dibromo-3-chloropropane	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	120-82-1	1,2,4-Trichlorobenzene	290	U	ug/kg	290	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/09/2015	20:26:00	87-61-6	1,2,3-Trichlorobenzene	290	U	ug/kg	290	12/03/2015	LOR-09

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-71-8	Dichlorodifluoromethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	74-87-3	Chloromethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-01-4	Vinyl chloride	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	74-83-9	Bromomethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-00-3	Chloroethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-69-4	Trichlorofluoromethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-35-4	1,1-Dichloroethene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	67-64-1	Acetone	590	U	ug/kg	590	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-15-0	Carbon disulfide	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	79-20-9	Methyl acetate	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-09-2	Methylene chloride	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	156-60-5	trans-1,2-Dichloroethene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	1634-04-4	Methyl tert-butyl ether	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-34-3	1,1-Dichloroethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	156-59-2	cis-1,2-Dichloroethene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	78-93-3	2-Butanone	590	U	ug/kg	590	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	74-97-5	Bromochloromethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	67-66-3	Chloroform	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	71-55-6	1,1,1-Trichloroethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	110-82-7	Cyclohexane	1400		ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	56-23-5	Carbon tetrachloride	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	71-43-2	Benzene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	107-06-2	1,2-Dichloroethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	79-01-6	Trichloroethene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	108-87-2	Methylcyclohexane	6400		ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	78-87-5	1,2-Dichloropropane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-27-4	Bromodichloromethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	10061-01-5	cis-1,3-Dichloropropene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	108-10-1	4-Methyl-2-pentanone	590	U	ug/kg	590	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	108-88-3	Toluene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	10061-02-6	trans-1,3-Dichloropropene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	79-00-5	1,1,2-Trichloroethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	127-18-4	Tetrachloroethene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	591-78-6	2-Hexanone	590	U	ug/kg	590	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	124-48-1	Dibromochloromethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	106-93-4	1,2-Dibromoethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	108-90-7	Chlorobenzene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	100-41-4	Ethylbenzene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	95-47-6	o-Xylene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	179601-23-1	m, p-Xylene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	100-42-5	Styrene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	75-25-2	Bromoform	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	98-82-8	Isopropylbenzene	430		ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	79-34-5	1,1,2,2-Tetrachloroethane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	541-73-1	1,3-Dichlorobenzene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	106-46-7	1,4-Dichlorobenzene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	95-50-1	1,2-Dichlorobenzene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	96-12-8	1,2-Dibromo-3-chloropropane	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	120-82-1	1,2,4-Trichlorobenzene	300	U	ug/kg	300	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/09/2015	20:47:00	87-61-6	1,2,3-Trichlorobenzene	300	U	ug/kg	300	12/03/2015	FD-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	100-52-7	Benzaldehyde	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	108-95-2	Phenol	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	111-44-4	Bis(2-Chloroethyl) ether	7700	U*	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	95-57-8	2-Chlorophenol	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	95-48-7	2-Methylphenol	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7700	U*	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	98-86-2	Acetophenone	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	106-44-5	4-Methylphenol	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	621-64-7	N-Nitroso-di-n propylamine	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	67-72-1	Hexachloroethane	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	98-95-3	Nitrobenzene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	78-59-1	Isophorone	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	88-75-5	2-Nitrophenol	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	105-67-9	2,4-Dimethylphenol	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	111-91-1	Bis(2-chloroethoxy)methane	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	120-83-2	2,4-Dichlorophenol	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	91-20-3	Naphthalene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	106-47-8	4-Chloroaniline	7700	U*	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	87-68-3	Hexachlorobutadiene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	105-60-2	Caprolactam	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	59-50-7	4-Chloro-3-methylphenol	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	91-57-6	2-Methylnaphthalene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	77-47-4	Hexachlorocyclo-pentadiene	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	88-06-2	2,4,6-Trichlorophenol	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	95-95-4	2,4,5-Trichlorophenol	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	92-52-4	1,1'-Biphenyl	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	91-58-7	2-Chloronaphthalene	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	88-74-4	2-Nitroaniline	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	131-11-3	Dimethylphthalate	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	606-20-2	2,6-Dinitrotoluene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	208-96-8	Acenaphthylene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	99-09-2	3-Nitroaniline	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	83-32-9	Acenaphthene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	51-28-5	2,4-Dinitrophenol	7700	U*	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	100-02-7	4-Nitrophenol	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	132-64-9	Dibenzofuran	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	121-14-2	2,4-Dinitrotoluene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	84-66-2	Diethylphthalate	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	86-73-7	Fluorene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	7005-72-3	4-Chlorophenyl-phenyl ether	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	100-01-6	4-Nitroaniline	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	534-52-1	4,6-Dinitro-2-methylphenol	7700	U*	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	86-30-6	N-Nitrosodiphenylamine	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	101-55-3	4-Bromophenyl-phenylether	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	118-74-1	Hexachlorobenzene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	1912-24-9	Atrazine	7700	U*	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	87-86-5	Pentachlorophenol	7700	U*	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	85-01-8	Phenanthrene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	120-12-7	Anthracene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	86-74-8	Carbazole	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	84-74-2	Di-n-butylphthalate	4000	U	ug/kg	4000	12/03/2015	P-04-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	206-44-0	Fluoranthene	7700	U*	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	129-00-0	Pyrene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	85-68-7	Butylbenzylphthalate	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	91-94-1	3,3'-Dichlorobenzidine	7700	U*	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	56-55-3	Benzo(a)anthracene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	218-01-9	Chrysene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	117-81-7	Bis(2-ethylhexyl)phthalate	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	117-84-0	Di-n-octylphthalate	7700	U	ug/kg	7700	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	205-99-2	Benzo(b)fluoranthene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	207-08-9	Benzo(k)fluoranthene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	50-32-8	Benzo(a)pyrene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	193-39-5	Indeno(1,2,3-cd)pyrene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	53-70-3	Dibenzo(a,h)anthracene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	191-24-2	Benzo(g,h,i)perylene	4000	U*	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00	QL04012-001	S	12/14/2015	20:29:00	58-90-2	2,3,4,6-Tetrachlorophenol	4000	U	ug/kg	4000	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	91-20-3	Naphthalene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	91-57-6	2-Methylnaphthalene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	208-96-8	Acenaphthylene	25	LJ	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	83-32-9	Acenaphthene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	86-73-7	Fluorene	140		ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	87-86-5	Pentachlorophenol	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	85-01-8	Phenanthrene	200		ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	120-12-7	Anthracene	230		ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	206-44-0	Fluoranthene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	129-00-0	Pyrene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	56-55-3	Benzo(a)anthracene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	218-01-9	Chrysene	140		ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	205-99-2	Benzo(b)fluoranthene	38	LJ	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	207-08-9	Benzo(k)fluoranthene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	50-32-8	Benzo(a)pyrene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	193-39-5	Indeno(1,2,3-cd)pyrene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	53-70-3	Dibenzo(a,h)anthracene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	191-24-2	Benzo(g,h,i)perylene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	1912-24-9	Atrazine	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	118-74-1	Hexachlorobenzene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	534-52-1	4,6-Dinitro-2-methylphenol	77	UJ	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	132-64-9	Dibenzofuran	100		ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	121-14-2	2,4-Dinitrotoluene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	606-20-2	2,6-Dinitrotoluene	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	92-52-4	1,1'-Biphenyl	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	87-68-3	Hexachlorobutadiene	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	106-47-8	4-Chloroaniline	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	98-95-3	Nitrobenzene	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	67-72-1	Hexachloroethane	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	621-64-7	N-Nitrosodi-n-propylamine	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	108-60-1	2,2'-Oxybis(1-chloropropane)	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	111-44-4	bis(2-Chloroethyl)ether	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	123-91-1	1,4-Dioxane	40	U	ug/kg	40	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	51-28-5	2,4-Dinitrophenol	770	UJ	ug/kg	770	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	88-06-2	2,4,6-Trichlorophenol	77	U	ug/kg	77	12/03/2015	P-04-01
45671	F6R00	F6R00 (SIM)	QL04012-001	S	12/18/2015	17:28:00	91-94-1	3,3'-Dichlorobenzidine	77	U	ug/kg	77	12/03/2015	P-04-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	100-52-7	Benzaldehyde	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	108-95-2	Phenol	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	111-44-4	Bis(2-Chloroethyl) ether	7600	U*	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	95-57-8	2-Chlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	95-48-7	2-Methylphenol	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7600	U*	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	98-86-2	Acetophenone	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	106-44-5	4-Methylphenol	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	621-64-7	N-Nitroso-di-n propylamine	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	67-72-1	Hexachloroethane	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	98-95-3	Nitrobenzene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	78-59-1	Isophorone	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	88-75-5	2-Nitrophenol	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	105-67-9	2,4-Dimethylphenol	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	111-91-1	Bis(2-chloroethoxy)methane	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	120-83-2	2,4-Dichlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	91-20-3	Naphthalene	410	*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	106-47-8	4-Chloroaniline	7600	U*	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	87-68-3	Hexachlorobutadiene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	105-60-2	Caprolactam	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	59-50-7	4-Chloro-3-methylphenol	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	91-57-6	2-Methylnaphthalene	2400	*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	77-47-4	Hexachlorocyclo-pentadiene	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	88-06-2	2,4,6-Trichlorophenol	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	95-95-4	2,4,5-Trichlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	92-52-4	1,1'-Biphenyl	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	91-58-7	2-Chloronaphthalene	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	88-74-4	2-Nitroaniline	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	131-11-3	Dimethylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	606-20-2	2,6-Dinitrotoluene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	208-96-8	Acenaphthylene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	99-09-2	3-Nitroaniline	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	83-32-9	Acenaphthene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	51-28-5	2,4-Dinitrophenol	7600	U*	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	100-02-7	4-Nitrophenol	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	132-64-9	Dibenzofuran	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	121-14-2	2,4-Dinitrotoluene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	84-66-2	Diethylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	86-73-7	Fluorene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	7005-72-3	4-Chlorophenyl-phenyl ether	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	100-01-6	4-Nitroaniline	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	534-52-1	4,6-Dinitro-2-methylphenol	7600	U*	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	86-30-6	N-Nitrosodiphenylamine	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	101-55-3	4-Bromophenyl-phenylether	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	118-74-1	Hexachlorobenzene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	1912-24-9	Atrazine	7600	U*	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	87-86-5	Pentachlorophenol	7600	U*	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	85-01-8	Phenanthrene	1400	*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	120-12-7	Anthracene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	86-74-8	Carbazole	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	84-74-2	Di-n-butylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-06

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	206-44-0	Fluoranthene	7600	U*	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	129-00-0	Pyrene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	85-68-7	Butylbenzylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	91-94-1	3,3'-Dichlorobenzidine	7600	U*	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	56-55-3	Benzo(a)anthracene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	218-01-9	Chrysene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	117-81-7	Bis(2-ethylhexyl)phthalate	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	117-84-0	Di-n-octylphthalate	7600	U	ug/kg	7600	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	205-99-2	Benzo(b)fluoranthene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	207-08-9	Benzo(k)fluoranthene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	50-32-8	Benzo(a)pyrene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	193-39-5	Indeno(1,2,3-cd)pyrene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	53-70-3	Dibenzo(a,h)anthracene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	191-24-2	Benzo(g,h,i)perylene	3900	U*	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01	QL04012-002	S	12/14/2015	20:58:00	58-90-2	2,3,4,6-Tetrachlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	91-20-3	Naphthalene	860		ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	91-57-6	2-Methylnaphthalene	4200	*	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	86-73-7	Fluorene	470	J	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	87-86-5	Pentachlorophenol	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	85-01-8	Phenanthrene	2400		ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	120-12-7	Anthracene	450		ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	129-00-0	Pyrene	230		ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	218-01-9	Chrysene	440		ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	205-99-2	Benzo(b)fluoranthene	82		ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	207-08-9	Benzo(k)fluoranthene	30	LJ	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	193-39-5	Indeno(1,2,3-cd)pyrene	13	LJ	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	191-24-2	Benzo(g,h,i)perylene	23	LJ	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	1912-24-9	Atrazine	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	111-44-4	bis(2-Chloroethyl)ether	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	108-60-1	2,2'-Oxybis(1-chloropropane)	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	91-94-1	3,3'-Dichlorobenzidine	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	51-28-5	2,4-Dinitrophenol	760	UJ	ug/kg	760	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	534-52-1	4,6-Dinitro-2-methylphenol	76	UJ	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	132-64-9	Dibenzofuran	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	88-06-2	2,4,6-Trichlorophenol	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	87-68-3	Hexachlorobutadiene	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	106-47-8	4-Chloroaniline	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	98-95-3	Nitrobenzene	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	67-72-1	Hexachloroethane	76	U	ug/kg	76	12/03/2015	LOR-06
45671	F6R00	F6R01 (SIM)	QL04012-002	S	12/18/2015	17:55:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/03/2015	LOR-06

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	91-20-3	Naphthalene	1300	*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	91-57-6	2-Methylnaphthalene	6400	J	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	208-96-8	Acenaphthylene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	83-32-9	Acenaphthene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	86-73-7	Fluorene	890	*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	87-86-5	Pentachlorophenol	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	85-01-8	Phenanthrene	3000	*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	120-12-7	Anthracene	570	*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	206-44-0	Fluoranthene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	129-00-0	Pyrene	250	*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	56-55-3	Benzo(a)anthracene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	218-01-9	Chrysene	280	*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	205-99-2	Benzo(b)fluoranthene	47	*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	207-08-9	Benzo(k)fluoranthene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	50-32-8	Benzo(a)pyrene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	193-39-5	Indeno(1,2,3-cd)pyrene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	53-70-3	Dibenzo(a,h)anthracene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	191-24-2	Benzo(g,h,i)perylene	27	*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	111-44-4	bis(2-Chloroethyl)ether	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	108-60-1	2,2'-Oxybis(1-chloropropane)	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	621-64-7	N-Nitrosodi-n-propylamine	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	67-72-1	Hexachloroethane	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	98-95-3	Nitrobenzene	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	106-47-8	4-Chloroaniline	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	87-68-3	Hexachlorobutadiene	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	95-94-3	1,2,4,5-Tetrachlorobenzene	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	51-28-5	2,4-Dinitrophenol	5800	U*	ug/kg	5800		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	91-94-1	3,3'-Dichlorobenzidine	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	1912-24-9	Atrazine	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	118-74-1	Hexachlorobenzene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	534-52-1	4,6-Dinitro-2-methylphenol	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	132-64-9	Dibenzofuran	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	121-14-2	2,4-Dinitrotoluene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	606-20-2	2,6-Dinitrotoluene	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	123-91-1	1,4-Dioxane	300	U*	ug/kg	300		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	88-06-2	2,4,6-Trichlorophenol	580	U*	ug/kg	580		
45671	F6R00	F6R01RX (SIM)	QL04012-002	S	12/23/2015	12:02:00	92-52-4	1,1'-Biphenyl	300	U*	ug/kg	300		
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	100-52-7	Benzaldehyde	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	108-95-2	Phenol	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	111-44-4	Bis(2-Chloroethyl) ether	7500	U*	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	95-57-8	2-Chlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	95-48-7	2-Methylphenol	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7500	U*	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	98-86-2	Acetophenone	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	106-44-5	4-Methylphenol	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	621-64-7	N-Nitroso-di-n propylamine	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	67-72-1	Hexachloroethane	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	98-95-3	Nitrobenzene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	78-59-1	Isophorone	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	88-75-5	2-Nitrophenol	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	105-67-9	2,4-Dimethylphenol	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	111-91-1	Bis(2-chloroethoxy)methane	3900	U	ug/kg	3900	12/03/2015	LOR-12

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	120-83-2	2,4-Dichlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	91-20-3	Naphthalene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	106-47-8	4-Chloroaniline	7500	U*	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	87-68-3	Hexachlorobutadiene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	105-60-2	Caprolactam	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	59-50-7	4-Chloro-3-methylphenol	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	91-57-6	2-Methylnaphthalene	2600	*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	77-47-4	Hexachlorocyclo-pentadiene	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	88-06-2	2,4,6-Trichlorophenol	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	95-95-4	2,4,5-Trichlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	92-52-4	1,1'-Biphenyl	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	91-58-7	2-Chloronaphthalene	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	88-74-4	2-Nitroaniline	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	131-11-3	Dimethylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	606-20-2	2,6-Dinitrotoluene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	208-96-8	Acenaphthylene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	99-09-2	3-Nitroaniline	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	83-32-9	Acenaphthene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	51-28-5	2,4-Dinitrophenol	7500	U*	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	100-02-7	4-Nitrophenol	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	132-64-9	Dibenzofuran	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	121-14-2	2,4-Dinitrotoluene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	84-66-2	Diethylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	86-73-7	Fluorene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	7005-72-3	4-Chlorophenyl-phenyl ether	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	100-01-6	4-Nitroaniline	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	534-52-1	4,6-Dinitro-2-methylphenol	7500	U*	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	86-30-6	N-Nitrosodiphenylamine	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	101-55-3	4-Bromophenyl-phenylether	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	118-74-1	Hexachlorobenzene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	1912-24-9	Atrazine	7500	U*	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	87-86-5	Pentachlorophenol	7500	U*	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	85-01-8	Phenanthrene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	120-12-7	Anthracene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	86-74-8	Carbazole	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	84-74-2	Di-n-butylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	206-44-0	Fluoranthene	7500	U*	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	129-00-0	Pyrene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	85-68-7	Butylbenzylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	91-94-1	3,3'-Dichlorobenzidine	7500	U*	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	56-55-3	Benzo(a)anthracene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	218-01-9	Chrysene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	117-81-7	Bis(2-ethylhexyl)phthalate	3900	U	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	117-84-0	Di-n-octylphthalate	7500	U	ug/kg	7500	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	205-99-2	Benzo(b)fluoranthene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	207-08-9	Benzo(k)fluoranthene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	50-32-8	Benzo(a)pyrene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	193-39-5	Indeno(1,2,3-cd)pyrene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	53-70-3	Dibenzo(a,h)anthracene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	191-24-2	Benzo(g,h,i)perylene	3900	U*	ug/kg	3900	12/03/2015	LOR-12
45671	F6R00	F6R02	QL04012-003	S	12/14/2015	21:27:00	58-90-2	2,3,4,6-Tetrachlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-12

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	91-20-3	Naphthalene	900		ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	91-57-6	2-Methylnaphthalene	5200	*	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	86-73-7	Fluorene	170		ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	87-86-5	Pentachlorophenol	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	85-01-8	Phenanthrene	210		ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	120-12-7	Anthracene	40		ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	129-00-0	Pyrene	19	LJ	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	218-01-9	Chrysene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	205-99-2	Benzo(b)fluoranthene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	88-06-2	2,4,6-Trichlorophenol	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	87-68-3	Hexachlorobutadiene	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	106-47-8	4-Chloroaniline	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	98-95-3	Nitrobenzene	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	67-72-1	Hexachloroethane	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	108-60-1	2,2'-Oxybis(1-chloropropane)	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	111-44-4	bis(2-Chloroethyl)ether	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	51-28-5	2,4-Dinitrophenol	760	UJ	ug/kg	760	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	91-94-1	3,3'-Dichlorobenzidine	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	1912-24-9	Atrazine	76	U	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	534-52-1	4,6-Dinitro-2-methylphenol	76	UJ	ug/kg	76	12/03/2015	LOR-12
45671	F6R00	F6R02 (SIM)	QL04012-003	S	12/18/2015	18:21:00	132-64-9	Dibenzofuran	210		ug/kg	39	12/03/2015	LOR-12
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	91-20-3	Naphthalene	640	*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	91-57-6	2-Methylnaphthalene	3400	J	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	208-96-8	Acenaphthylene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	83-32-9	Acenaphthene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	86-73-7	Fluorene	93	*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	87-86-5	Pentachlorophenol	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	85-01-8	Phenanthrene	100	*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	120-12-7	Anthracene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	206-44-0	Fluoranthene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	129-00-0	Pyrene	28	*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	56-55-3	Benzo(a)anthracene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	218-01-9	Chrysene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	205-99-2	Benzo(b)fluoranthene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	207-08-9	Benzo(k)fluoranthene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	50-32-8	Benzo(a)pyrene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	193-39-5	Indeno(1,2,3-cd)pyrene	300	U*	ug/kg	300		

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	53-70-3	Dibenzo(a,h)anthracene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	191-24-2	Benzo(g,h,i)perylene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	621-64-7	N-Nitrosodi-n-propylamine	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	67-72-1	Hexachloroethane	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	98-95-3	Nitrobenzene	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	106-47-8	4-Chloroaniline	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	87-68-3	Hexachlorobutadiene	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	95-94-3	1,2,4,5-Tetrachlorobenzene	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	88-06-2	2,4,6-Trichlorophenol	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	92-52-4	1,1'-Biphenyl	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	606-20-2	2,6-Dinitrotoluene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	121-14-2	2,4-Dinitrotoluene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	132-64-9	Dibenzofuran	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	534-52-1	4,6-Dinitro-2-methylphenol	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	118-74-1	Hexachlorobenzene	300	U*	ug/kg	300		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	1912-24-9	Atrazine	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	108-60-1	2,2'-Oxybis(1-chloropropane)	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	111-44-4	bis(2-Chloroethyl)ether	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	91-94-1	3,3'-Dichlorobenzidine	580	U*	ug/kg	580		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	51-28-5	2,4-Dinitrophenol	5800	U*	ug/kg	5800		
45671	F6R00	F6R02RX (SIM)	QL04012-003	S	12/23/2015	12:28:00	123-91-1	1,4-Dioxane	300	U*	ug/kg	300		
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	100-52-7	Benzaldehyde	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	108-95-2	Phenol	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	111-44-4	Bis(2-Chloroethyl) ether	7500	U*	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	95-57-8	2-Chlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	95-48-7	2-Methylphenol	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7500	U*	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	98-86-2	Acetophenone	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	106-44-5	4-Methylphenol	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	621-64-7	N-Nitroso-di-n propylamine	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	67-72-1	Hexachloroethane	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	98-95-3	Nitrobenzene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	78-59-1	Isophorone	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	88-75-5	2-Nitrophenol	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	105-67-9	2,4-Dimethylphenol	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	111-91-1	Bis(2-chloroethoxy)methane	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	120-83-2	2,4-Dichlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	91-20-3	Naphthalene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	106-47-8	4-Chloroaniline	7500	U*	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	87-68-3	Hexachlorobutadiene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	105-60-2	Caprolactam	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	59-50-7	4-Chloro-3-methylphenol	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	91-57-6	2-Methylnaphthalene	1200	*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	77-47-4	Hexachlorocyclo-pentadiene	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	88-06-2	2,4,6-Trichlorophenol	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	95-95-4	2,4,5-Trichlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	92-52-4	1,1'-Biphenyl	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	91-58-7	2-Chloronaphthalene	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	88-74-4	2-Nitroaniline	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	131-11-3	Dimethylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	606-20-2	2,6-Dinitrotoluene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	208-96-8	Acenaphthylene	3900	U*	ug/kg	3900	12/03/2015	LOR-09

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	99-09-2	3-Nitroaniline	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	83-32-9	Acenaphthene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	51-28-5	2,4-Dinitrophenol	7500	U*	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	100-02-7	4-Nitrophenol	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	132-64-9	Dibenzofuran	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	121-14-2	2,4-Dinitrotoluene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	84-66-2	Diethylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	86-73-7	Fluorene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	7005-72-3	4-Chlorophenyl-phenyl ether	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	100-01-6	4-Nitroaniline	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	534-52-1	4,6-Dinitro-2-methylphenol	7500	U*	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	86-30-6	N-Nitrosodiphenylamine	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	101-55-3	4-Bromophenyl-phenylether	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	118-74-1	Hexachlorobenzene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	1912-24-9	Atrazine	7500	U*	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	87-86-5	Pentachlorophenol	7500	U*	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	85-01-8	Phenanthrene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	120-12-7	Anthracene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	86-74-8	Carbazole	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	84-74-2	Di-n-butylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	206-44-0	Fluoranthene	7500	U*	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	129-00-0	Pyrene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	85-68-7	Butylbenzylphthalate	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	91-94-1	3,3'-Dichlorobenzidine	7500	U*	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	56-55-3	Benzo(a)anthracene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	218-01-9	Chrysene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	117-81-7	Bis(2-ethylhexyl)phthalate	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	117-84-0	Di-n-octylphthalate	7500	U	ug/kg	7500	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	205-99-2	Benzo(b)fluoranthene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	207-08-9	Benzo(k)fluoranthene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	50-32-8	Benzo(a)pyrene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	193-39-5	Indeno(1,2,3-cd)pyrene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	53-70-3	Dibenzo(a,h)anthracene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	191-24-2	Benzo(g,h,i)perylene	3900	U*	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03	QL04012-004	S	12/14/2015	21:55:00	58-90-2	2,3,4,6-Tetrachlorophenol	3900	U	ug/kg	3900	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	91-20-3	Naphthalene	350		ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	91-57-6	2-Methylnaphthalene	2500	*	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	86-73-7	Fluorene	360	J	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	87-86-5	Pentachlorophenol	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	85-01-8	Phenanthrene	810		ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	120-12-7	Anthracene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	129-00-0	Pyrene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	56-55-3	Benzo(a)anthracene	14	LJ	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	218-01-9	Chrysene	61		ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	205-99-2	Benzo(b)fluoranthene	22	LJ	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/03/2015	LOR-09

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	67-72-1	Hexachloroethane	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	108-60-1	2,2'-Oxybis(1-chloropropane)	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	111-44-4	bis(2-Chloroethyl)ether	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	51-28-5	2,4-Dinitrophenol	750	UJ	ug/kg	750	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	106-47-8	4-Chloroaniline	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	91-94-1	3,3'-Dichlorobenzidine	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	1912-24-9	Atrazine	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	534-52-1	4,6-Dinitro-2-methylphenol	75	UJ	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	132-64-9	Dibenzofuran	160	J	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	88-06-2	2,4,6-Trichlorophenol	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	87-68-3	Hexachlorobutadiene	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03 (SIM)	QL04012-004	S	12/18/2015	18:47:00	98-95-3	Nitrobenzene	75	U	ug/kg	75	12/03/2015	LOR-09
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	91-20-3	Naphthalene	890	*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	91-57-6	2-Methylnaphthalene	4200	J	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	208-96-8	Acenaphthylene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	83-32-9	Acenaphthene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	86-73-7	Fluorene	500	*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	87-86-5	Pentachlorophenol	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	85-01-8	Phenanthrene	870	*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	120-12-7	Anthracene	310	*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	206-44-0	Fluoranthene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	129-00-0	Pyrene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	56-55-3	Benzo(a)anthracene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	218-01-9	Chrysene	79	*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	205-99-2	Benzo(b)fluoranthene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	207-08-9	Benzo(k)fluoranthene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	50-32-8	Benzo(a)pyrene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	193-39-5	Indeno(1,2,3-cd)pyrene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	53-70-3	Dibenzo(a,h)anthracene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	191-24-2	Benzo(g,h,i)perylene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	1912-24-9	Atrazine	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	91-94-1	3,3'-Dichlorobenzidine	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	51-28-5	2,4-Dinitrophenol	2300	U*	ug/kg	2300		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	123-91-1	1,4-Dioxane	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	111-44-4	bis(2-Chloroethyl)ether	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	108-60-1	2,2'-Oxybis(1-chloropropane)	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	621-64-7	N-Nitrosodi-n-propylamine	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	67-72-1	Hexachloroethane	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	98-95-3	Nitrobenzene	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	106-47-8	4-Chloroaniline	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	87-68-3	Hexachlorobutadiene	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	95-94-3	1,2,4,5-Tetrachlorobenzene	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	88-06-2	2,4,6-Trichlorophenol	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	92-52-4	1,1'-Biphenyl	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	606-20-2	2,6-Dinitrotoluene	120	U*	ug/kg	120		

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	121-14-2	2,4-Dinitrotoluene	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	132-64-9	Dibenzofuran	120	U*	ug/kg	120		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	534-52-1	4,6-Dinitro-2-methylphenol	230	U*	ug/kg	230		
45671	F6R00	F6R03RX (SIM)	QL04012-004	S	12/23/2015	12:55:00	118-74-1	Hexachlorobenzene	120	U*	ug/kg	120		
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	100-52-7	Benzaldehyde	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	108-95-2	Phenol	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	111-44-4	Bis(2-Chloroethyl) ether	7600	U*	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	95-57-8	2-Chlorophenol	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	95-48-7	2-Methylphenol	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7600	U*	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	98-86-2	Acetophenone	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	106-44-5	4-Methylphenol	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	621-64-7	N-Nitroso-di-n propylamine	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	67-72-1	Hexachloroethane	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	98-95-3	Nitrobenzene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	78-59-1	Isophorone	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	88-75-5	2-Nitrophenol	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	105-67-9	2,4-Dimethylphenol	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	111-91-1	Bis(2-chloroethoxy)methane	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	120-83-2	2,4-Dichlorophenol	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	91-20-3	Naphthalene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	106-47-8	4-Chloroaniline	7600	U*	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	87-68-3	Hexachlorobutadiene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	105-60-2	Caprolactam	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	59-50-7	4-Chloro-3-methylphenol	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	91-57-6	2-Methylnaphthalene	1300	*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	77-47-4	Hexachlorocyclo-pentadiene	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	88-06-2	2,4,6-Trichlorophenol	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	95-95-4	2,4,5-Trichlorophenol	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	92-52-4	1,1'-Biphenyl	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	91-58-7	2-Chloronaphthalene	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	88-74-4	2-Nitroaniline	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	131-11-3	Dimethylphthalate	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	606-20-2	2,6-Dinitrotoluene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	208-96-8	Acenaphthylene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	99-09-2	3-Nitroaniline	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	83-32-9	Acenaphthene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	51-28-5	2,4-Dinitrophenol	7600	U*	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	100-02-7	4-Nitrophenol	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	132-64-9	Dibenzofuran	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	121-14-2	2,4-Dinitrotoluene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	84-66-2	Diethylphthalate	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	86-73-7	Fluorene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	7005-72-3	4-Chlorophenyl-phenyl ether	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	100-01-6	4-Nitroaniline	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	534-52-1	4,6-Dinitro-2-methylphenol	7600	U*	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	86-30-6	N-Nitrosodiphenylamine	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	101-55-3	4-Bromophenyl-phenylether	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	118-74-1	Hexachlorobenzene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	1912-24-9	Atrazine	7600	U*	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	87-86-5	Pentachlorophenol	7600	U*	ug/kg	7600	12/03/2015	FD-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	85-01-8	Phenanthrene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	120-12-7	Anthracene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	86-74-8	Carbazole	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	84-74-2	Di-n-butylphthalate	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	206-44-0	Fluoranthene	7600	U*	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	129-00-0	Pyrene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	85-68-7	Butylbenzylphthalate	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	91-94-1	3,3'-Dichlorobenzidine	7600	U*	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	56-55-3	Benzo(a)anthracene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	218-01-9	Chrysene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	117-81-7	Bis(2-ethylhexyl)phthalate	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	117-84-0	Di-n-octylphthalate	7600	U	ug/kg	7600	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	205-99-2	Benzo(b)fluoranthene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	207-08-9	Benzo(k)fluoranthene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	50-32-8	Benzo(a)pyrene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	193-39-5	Indeno(1,2,3-cd)pyrene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	53-70-3	Dibenzo(a,h)anthracene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	191-24-2	Benzo(g,h,i)perylene	3900	U*	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04	QL04012-005	S	12/14/2015	22:24:00	58-90-2	2,3,4,6-Tetrachlorophenol	3900	U	ug/kg	3900	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	91-20-3	Naphthalene	260		ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	91-57-6	2-Methylnaphthalene	2600	*	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	86-73-7	Fluorene	130		ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	87-86-5	Pentachlorophenol	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	85-01-8	Phenanthrene	200		ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	120-12-7	Anthracene	28	LJ	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	129-00-0	Pyrene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	218-01-9	Chrysene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	205-99-2	Benzo(b)fluoranthene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	132-64-9	Dibenzofuran	93		ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	534-52-1	4,6-Dinitro-2-methylphenol	77	UJ	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	1912-24-9	Atrazine	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	91-94-1	3,3'-Dichlorobenzidine	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	51-28-5	2,4-Dinitrophenol	770	UJ	ug/kg	770	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	111-44-4	bis(2-Chloroethyl)ether	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	108-60-1	2,2'-Oxybis(1-chloropropane)	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	67-72-1	Hexachloroethane	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	98-95-3	Nitrobenzene	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	106-47-8	4-Chloroaniline	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	87-68-3	Hexachlorobutadiene	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	ug/kg	77	12/03/2015	FD-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	88-06-2	2,4,6-Trichlorophenol	77	U	ug/kg	77	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04 (SIM)	QL04012-005	S	12/18/2015	19:14:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/03/2015	FD-01
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	91-20-3	Naphthalene	1100	*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	91-57-6	2-Methylnaphthalene	5600	J	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	208-96-8	Acenaphthylene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	83-32-9	Acenaphthene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	86-73-7	Fluorene	120	*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	87-86-5	Pentachlorophenol	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	85-01-8	Phenanthrene	180	*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	120-12-7	Anthracene	32	*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	206-44-0	Fluoranthene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	129-00-0	Pyrene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	56-55-3	Benzo(a)anthracene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	218-01-9	Chrysene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	205-99-2	Benzo(b)fluoranthene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	207-08-9	Benzo(k)fluoranthene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	50-32-8	Benzo(a)pyrene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	193-39-5	Indeno(1,2,3-cd)pyrene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	53-70-3	Dibenzo(a,h)anthracene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	191-24-2	Benzo(g,h,i)perylene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	121-14-2	2,4-Dinitrotoluene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	132-64-9	Dibenzofuran	150	*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	67-72-1	Hexachloroethane	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	534-52-1	4,6-Dinitro-2-methylphenol	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	118-74-1	Hexachlorobenzene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	1912-24-9	Atrazine	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	621-64-7	N-Nitrosodi-n-propylamine	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	108-60-1	2,2'-Oxybis(1-chloropropane)	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	111-44-4	bis(2-Chloroethyl)ether	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	123-91-1	1,4-Dioxane	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	91-94-1	3,3'-Dichlorobenzidine	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	51-28-5	2,4-Dinitrophenol	2300	U*	ug/kg	2300		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	98-95-3	Nitrobenzene	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	606-20-2	2,6-Dinitrotoluene	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	92-52-4	1,1'-Biphenyl	120	U*	ug/kg	120		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	88-06-2	2,4,6-Trichlorophenol	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	95-94-3	1,2,4,5-Tetrachlorobenzene	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	87-68-3	Hexachlorobutadiene	230	U*	ug/kg	230		
45671	F6R00	F6R04RX (SIM)	QL04012-005	S	12/23/2015	13:21:00	106-47-8	4-Chloroaniline	230	U*	ug/kg	230		

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 45671 SDG No. F6R00 SDG Nos. To Follow Mod. Ref No. 2544.1 Date Rec 12/31/15

EPA Lab ID: EQI

Lab Location: West Columbia, SC

Region: 6 Audit No.: 45671/F6R00

Re_Submitted CSF? Yes X No

Box No(s): 1

COMMENTS:

Item	Description
3.	The auditor corrected one "TO" page number. The auditor added some missing page numbers.
14./15.	Sample tags were not used for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?		X	
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: Wallace Doong — Wallace Doong / ESAT Data Reviewer — Date 01/05/16

Audited by: _____ — _____ — Date _____

Signature — Printed Name/Title

DC-2__

In Reference To: O-1317
Case No.: 45671 SDG(s): F6R00

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	EQI
Lab Contact:	Robert Zhu
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Wallace Doong - ESAT

In reference to data for the fraction(s):

LMVOA **SVOA/SVOA-SIM**

Summary of Questions/Issues:

LMVOA

The "Level" should be "MED" for Form 6A (pages 291, 292, 312, and 313), Form 7A (pages 378, 379, 385, and 386), and Form 8A (pages 47 and 48). Please correct and resubmit these pages with proper pagination.

SVOA and SVOA--SIM

1. **SVOA-SIM**: For Form 8A (pages 776 to 779), the IS3 should be phenanthrene-d10 and results for IS6 (1,4-Dichlorobenzene-d4) were omitted for all samples. Please correct and resubmit these pages with proper pagination.

2. **SVOA and SVOA-SIM**: The recoveries for 1,4-Dioxane-d8 (DMC1) were outside the QC limits for SVOA method blank SBLK19 and SVOA-SIM method blanks SBLK02 and SBLK38, but contract required reanalyses and/or re-extractions (SOM02.3, p. D-54/SVOA, sec. 12.1.2.5.2 and D-55/SVOA, sec. 12.1.2.6.3) were not performed. Please submit additional information or explain.

NOTE: Any laboratory resubmission should be submitted either as an addendum to the original CSF with a revised Form DC-2 or submitted as a new CSF with a new Form DC-2 except for replacement pages (SOM02.3, p. B-11, sec. 2.2.2). Custody seals are required only for regular mail shipments.

Please respond to the above items **within 5 business days** (SOM02.3, p. B-11, sec. 2.2.1) by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

F6R00

12/4/15

USEPA CLP COC (LAB COPY)

DateShipped: 12/3/2015
CarrierName: FedEx
AirbillNo: 859483220465

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #:

EPW1403

No: 6-120315-164412-0002

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0001	F6R00	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1007 (4 C), 1008 (4 C), 1009 (4 C), 1010 (4 C) (4)	P-04-01	12/03/2015 09:05	
277-0002	F6R01	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1014 (4 C), 1015 (4 C), 1016 (4 C), 1017 (4 C) (4)	LOR-06	12/03/2015 10:30	
277-0003	F6R02	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1021 (4 C), 1022 (4 C), 1023 (4 C), 1024 (4 C) (4)	LOR-12	12/03/2015 11:10	
277-0004	F6R03	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1028 (4 C), 1029 (4 C), 1030 (4 C), 1031 (4 C) (4)	LOR-09	12/03/2015 11:45	
277-0005	F6R04	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1035 (4 C), 1036 (4 C), 1037 (4 C), 1038 (4 C) (4)	FD-01	12/03/2015 14:40	

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: VOAs=VOA by SOM02.3 (soils), %Moist=Percent Moisture Determination

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	CM SERAS	12/3/15 16:45			
				12/4/15 1027	ok

SDG F6R00 Final Sample T=5.2

Page 27 of 30

F6K00

USEPA CLP COC (LAB COPY)

DateShipped: 12/3/2015
CarrierName: FedEx
AirbillNo: 859483220454

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: 0W014035

No: 6-120315-170132-0003

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0001	F6R00	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1011 (4 C), 1012 (4 C) (2)	P-04-01	12/03/2015 09:05	
277-0002	F6R01	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1018 (4 C), 1019 (4 C) (2)	LOR-06	12/03/2015 10:30	
277-0003	F6R02	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1025 (4 C), 1026 (4 C) (2)	LOR-12	12/03/2015 11:10	
277-0004	F6R03	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1032 (4 C), 1033 (4 C) (2)	LOR-09	12/03/2015 11:45	
277-0005	F6R04	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1039 (4 C), 1040 (4 C) (2)	FD-01	12/03/2015 14:40	

Page 28 of 30

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: SVOAs/SVOASIMs=SVOA/SVOASIM by SOM02.3 and MA#2544.1 (Soils)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	LM SERAS	1610 12/3/15			
				12/4/15 1027	OK

T=4.2

Date: 11/09/2015	MA: 2544.1	Title: SVOA SIM Analysis with Additional Analytes and at Lower CRQLs
Method Source: SOM02.3	Method: Semivolatiles by SIM	
Matrix: Soil and Water		

Summary of Modification

The purpose of this modified analysis is to analyze soil and water samples using Selective Ion Monitoring (SIM) for the complete target analyte list (TAL) specified for SVOA SIM in Exhibit C with additional SVOA SIM target analytes at the specified CRQLs in Section I. The Laboratory shall proceed to the SVOA SIM analysis for any sample analyzed by the full scan analysis with any of the analytes in Section I that is either not detected or detected at concentration below the adjusted CRQL in the full scan analysis (reported with either "U" or "J" Lab Qualifier). Unless specified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications Not applicable ☐

Analyte	CAS Number	Water CRQL (ug/L)	Soil CRQL (ug/kg)
Naphthalene	91-20-3	0.050	1.7
2-Methylnaphthalene	91-57-6	0.050	1.7
Acenaphthylene	208-96-8	0.050	1.7
Acenaphthene	83-32-9	0.050	1.7
Fluorene	86-73-7	0.050	1.7
Pentachlorophenol	87-86-5	0.10	3.3
Phenanthrene	85-01-8	0.050	1.7
Anthracene	120-12-7	0.050	1.7
Fluoranthene	206-44-0	0.050	1.7
Pyrene	129-00-0	0.050	1.7
Benzo (a) anthracene	56-55-3	0.050	1.7
Chrysene	218-01-9	0.050	1.7
Benzo (b) fluoroanthene	205-99-2	0.050	1.7
Benzo (k) fluoroanthene	207-08-9	0.050	1.7
Benzo (a) pyrene	50-32-8	0.050	1.7
Indeno (1,2,3-cd) pyrene	193-39-5	0.050	1.7

Dibenzo(a,h)anthracene	53-70-3	0.050	1.7
Benzo(g,h,i)perylene	191-24-2	0.050	1.7
1, 4-Dioxane*	123-91-1	0.10	3.3
Bis (2-chloroethyl) ether*	111-44-4	0.10	3.3
2,2'-Oxybis (1-chloropropane)*	108-60-1	0.10	3.3
N-Nitroso-di-n propylamine*	621-64-7	0.050	1.7
Hexachloroethane*	67-72-1	0.10	3.3
Nitrobenzene*	98-95-3	0.10	3.3
4-Chloroaniline*	106-47-8	0.10	3.3
Hexachlorobutadiene*	87-68-3	0.10	3.3
2,4,6-Trichlorophenol*	88-06-2	0.10	3.3
1,1'-Biphenyl*	92-52-4	0.050	1.7
2,6-Dinitrotoluene*	606-20-2	0.050	1.7
2,4-Dinitrophenol*	51-28-5	1.0	33
Dibenzofuran*	132-64-9	0.050	1.7
2,4-Dinitrotoluene*	121-14-2	0.050	1.7
4,6-Dinitro-2-methylphenol*	534-52-1	0.10	3.3
1,2,4,5-Tetrachlorobenzene*	95-94-3	0.10	3.3
Hexachlorobenzene*	118-74-1	0.050	1.7
Atrazine*	1912-24-9	0.10	3.3
3,3'-Dichlorobenzidine*	91-94-1	0.10	3.3

**Designated as additional target analyte.*

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

January 20, 2016

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

Raymond Flores

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Katrina Coltrain, Remedial Project Manager (6SF-RL)

Site: **WILCOX OIL**

Case#: **45671**

SDG#: **F6R05**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. Due to matrix issues, some samples for VOA and SVOA analysis were analyzed at diluted levels only. In the VOA fraction, two target results were rejected in sample F6R05 and six target results were rejected in sample F6R09 due to poor surrogate performance. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: January 15, 2016

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Linda Hoffman, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-13-026
TO No.:	002
Task/Sub-Task:	2-11
ESAT Doc. No.:	1602-211-0054
TDF No.:	6-16-116A
ESAT File No.:	O-1318

Attached is the data review summary for Case # 45671
SDG # F6R05
Site Wilcox Oil

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099
ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	45671	SITE	Wilcox Oil
LABORATORY	EQI	NO. OF SAMPLES	17
CONTRACT#	EP-W-14-035	MATRIX	Soil
SDG#	F6R05	REVIEWER (IF NOT ESB)	ESAT
SOW#	SOM02.3/MA 2544.1	REVIEWER'S NAME	Linda Hoffman
SF#	303DD2GG	COMPLETION DATE	January 15, 2016

SAMPLE NO.					
	F6R05	F6R09	F6R13	F6R17	F6R23
	F6R06	F6R10	F6R14	F6R19	
	F6R07	F6R11	F6R15	F6R20	
	F6R08	F6R12	F6R16	F6R21	

DATA ASSESSMENT SUMMARY

	LMVOA	SVOA	SVOA-SIM
1. HOLDING TIMES	O	M	M
2. GC/MS TUNE/INSTR. PERFORM.	O	O	O
3. CALIBRATIONS	M	O	M
4. BLANKS	O	O	M
5. DMC/SURROGATES	M	O	O
6. MATRIX SPIKE/DUPLICATE/LCS	N/A	N/A	N/A
7. OTHER QC	N/A	N/A	N/A
8. INTERNAL STANDARDS	O	O	M
9. COMPOUND ID/QUANTITATION	O	M	M
10. PERFORMANCE/COMPLETENESS	O	O	O
11. OVERALL ASSESSMENT	M	M	M

O = Data had no problems.
M = Data qualified because of major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS: The re-extraction of SVOA sample F6R06 and SVOA-SIM samples F6R05 and F6R06 exceeded the contractual holding time limit. The laboratory did not reanalyze and/or re-extract the SVOA and SVOA-SIM samples associated with method blanks that had outlying DMC recoveries. The laboratory failed to reanalyze LMVOA samples F6R12 and F6R23 for unacceptable DMC performance. The laboratory failed to reanalyze SVOA-SIM samples F6R05 and F6R06 for unacceptable IS performance.

AREA OF CONCERN: **LMVOA** Vinyl chloride and chloroethane failed the technical %D calibration criteria. Seven samples had poor DMC performance, rendering some results unusable. **SVOA** The re-extraction of sample F6R06 exceeded the technical holding time limit. Some results were inconsistent between the multiple analyses of three samples. **SVOA-SIM** The re-extraction of samples F6R05 and F6R06 exceeded the technical holding time limit. The 4,6-dinitro-2-methylphenol failed the technical %D calibration criteria. Six naphthalene and three 2-methylnaphthalene QLs were raised above the SQLs because of laboratory contamination. Two samples had poor IS performance. Some results were inconsistent between the multiple analyses of two samples.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 45671 SDG F6R05 SITE Wilcox Oil LAB EQI

COMMENTS: This SDG consisted of 17 soil samples for LMVOA, SVOA, and/or SVOA-SIM analyses following CLP SOW SOM02.3. Samples F6R19, F6R20, F6R21, and F6R23 only required LMVOA analysis. The samples were also subject to Modified Analysis Request 2544.1 (MA 2544.1), which required the laboratory to analyze the samples for 19 additional compounds and lower CRQLs for the SVOA-SIM analyses. MS/MSD analyses were not requested for this case.

The SOW requires that the soil sample results be adjusted for moisture content as well as dilution when applicable. The adjusted CRQLs, higher than the CRQLs specified in the SOW and MA 2544.1, were reported by the laboratory and are referred to as SQLs in this report.

The target compounds of concern with the required CRQLs are listed on pages 61 and 62 of this report. Although both the full scan and SIM analysis results were available for all SVOA samples, the SIM analysis results are designated for use only when the corresponding full scan analysis results were non-detects or below the SQLs. Many of the target compounds of concern were reported at concentrations above the SQLs in 10 samples.

Because of high matrix background, the laboratory analyzed 10 LMVOA samples at the medium level (5 gm) with an additional 10X dilution for samples F6R05, F6R06, F6R09 - F6R11, F6R13, F6R16, and F6R23 and analyzed 10 SVOA and all SVOA-SIM samples at up to 20X dilution. The laboratory also re-extracted and reanalyzed SVOA sample F6R06 and SVOA-SIM samples F6R05, F6R06, and F6R16 at medium level (1 gm) with dilution (up to 20X) because of high target compound concentrations.

LMVOA The results associated with VDMC11 for sample F6R05 and VDMC13 for sample F6R09 were unusable because these two DMCs were not detected in the respective samples.

S3VEM Review was performed for this package as requested by the Region. For this review option, laboratory contractual compliance and technical usability of the sample results are primarily determined by the EDM CCS Defect Report and NFG Data Review Results Report, respectively. The reviewer performs supplemental hardcopy forms checking and applies Region 6 guidelines, where necessary, to account for known limitations of the electronic review process. Therefore, the reviewer's final assessments may deviate from those found in the EDM reports. The NFG Data Review Results Report for the SDG is attached to this report as an addendum for additional information.

OVERALL ASSESSMENT: Some results were qualified for 11 LMVOA, 3 SVOA, and 13 SVOA-SIM samples because of problems with holding time, calibration, laboratory contamination, DMC performance, IS performance, and quantitation. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

The laboratory was contacted for some CSF and reporting issues (see Resubmission Request). The laboratory response is not expected to impact the DST, so the DST included in this report is the final version.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
EDM	EXES Data Manager
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number

SDG: SDG Number

EPASAMP: EPA Sample Number

LABID: Laboratory File/Sample ID

MATRIX: Sample Matrix

ANDATE: Sample Analysis Date

ANTIME: Sample Analysis Time

CASNUM: Compound CAS Number

ANALYTE: Compound Name

CONC: Compound Concentration

VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)

UNITS: Concentration Units

ADJCRQL: Adjusted Contract Required Quantitation Limit Value

SMPDATE: Sampling Date

STATLOC: Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

N Identification is tentative.

J Estimated value.

L Reported concentration is below the CRQL.

M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.

R Unusable.

^ High biased. Actual concentration may be lower than the concentration reported.

v Low biased. Actual concentration may be higher than the concentration reported.

F+ A false positive exists.

F- A false negative exists.

UJ Estimated quantitation limit.

T Identification is questionable because of absence of other commonly coexisting pesticides.

C Identification of pesticide or Aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).

X Identification of pesticide or Aroclor could not be confirmed by GC/MS when attempted.

***** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-71-8	Dichlorodifluoromethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	74-87-3	Chloromethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-01-4	Vinyl chloride	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	74-83-9	Bromomethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-00-3	Chloroethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-69-4	Trichlorofluoromethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-35-4	1,1-Dichloroethene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	67-64-1	Acetone	520	U	ug/kg	520	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-15-0	Carbon disulfide	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	79-20-9	Methyl acetate	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-09-2	Methylene chloride	27	LJ	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	156-60-5	trans-1,2-Dichloroethene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	1634-04-4	Methyl tert-butyl ether	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-34-3	1,1-Dichloroethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	156-59-2	cis-1,2-Dichloroethene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	78-93-3	2-Butanone	520	U	ug/kg	520	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	74-97-5	Bromochloromethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	67-66-3	Chloroform	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	71-55-6	1,1,1-Trichloroethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	110-82-7	Cyclohexane	7000	J^	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	56-23-5	Carbon tetrachloride	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	71-43-2	Benzene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	107-06-2	1,2-Dichloroethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	79-01-6	Trichloroethene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/14/2015	15:20:00	108-87-2	Methylcyclohexane	7900		ug/kg	2600	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	78-87-5	1,2-Dichloropropane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-27-4	Bromodichloromethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	10061-01-5	cis-1,3-Dichloropropene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	108-10-1	4-Methyl-2-pentanone	520	UR	ug/kg	520	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	108-88-3	Toluene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	10061-02-6	trans-1,3-Dichloropropene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	79-00-5	1,1,2-Trichloroethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	127-18-4	Tetrachloroethene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	591-78-6	2-Hexanone	520	UR	ug/kg	520	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	124-48-1	Dibromochloromethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	106-93-4	1,2-Dibromoethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	108-90-7	Chlorobenzene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	100-41-4	Ethylbenzene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	95-47-6	o-Xylene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	179601-23-1	m, p-Xylene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	100-42-5	Styrene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	75-25-2	Bromoform	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	98-82-8	Isopropylbenzene	580		ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	79-34-5	1,1,2,2-Tetrachloroethane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	541-73-1	1,3-Dichlorobenzene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	106-46-7	1,4-Dichlorobenzene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	95-50-1	1,2-Dichlorobenzene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	96-12-8	1,2-Dibromo-3-chloropropane	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	120-82-1	1,2,4-Trichlorobenzene	260	U	ug/kg	260	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-001	S	12/09/2015	21:08:00	87-61-6	1,2,3-Trichlorobenzene	260	U	ug/kg	260	12/07/2015	WIL-30

45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-71-8	Dichlorodifluoromethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	74-87-3	Chloromethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-01-4	Vinyl chloride	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	74-83-9	Bromomethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-00-3	Chloroethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-69-4	Trichlorofluoromethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-35-4	1,1-Dichloroethene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	67-64-1	Acetone	500	U	ug/kg	500	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-15-0	Carbon disulfide	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	79-20-9	Methyl acetate	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-09-2	Methylene chloride	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	156-60-5	trans-1,2-Dichloroethene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	1634-04-4	Methyl tert-butyl ether	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-34-3	1,1-Dichloroethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	156-59-2	cis-1,2-Dichloroethene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	78-93-3	2-Butanone	500	U	ug/kg	500	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	74-97-5	Bromochloromethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	67-66-3	Chloroform	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	71-55-6	1,1,1-Trichloroethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/14/2015	15:42:00	110-82-7	Cyclohexane	15000		ug/kg	3100	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	56-23-5	Carbon tetrachloride	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	71-43-2	Benzene	1500		ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	107-06-2	1,2-Dichloroethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	79-01-6	Trichloroethene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/14/2015	15:42:00	108-87-2	Methylcyclohexane	26000		ug/kg	3100	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	78-87-5	1,2-Dichloropropane	620		ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-27-4	Bromodichloromethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	10061-01-5	cis-1,3-Dichloropropene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	108-10-1	4-Methyl-2-pentanone	500	U	ug/kg	500	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	108-88-3	Toluene	1700		ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	10061-02-6	trans-1,3-Dichloropropene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	79-00-5	1,1,2-Trichloroethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	127-18-4	Tetrachloroethene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	591-78-6	2-Hexanone	500	U	ug/kg	500	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	124-48-1	Dibromochloromethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	106-93-4	1,2-Dibromoethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	108-90-7	Chlorobenzene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	100-41-4	Ethylbenzene	7400		ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	95-47-6	o-Xylene	2000		ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	179601-23-1	m, p-Xylene	6100		ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	100-42-5	Styrene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	75-25-2	Bromoform	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	98-82-8	Isopropylbenzene	1700		ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	79-34-5	1,1,2,2-Tetrachloroethane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	541-73-1	1,3-Dichlorobenzene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	106-46-7	1,4-Dichlorobenzene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	95-50-1	1,2-Dichlorobenzene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	96-12-8	1,2-Dibromo-3-chloropropane	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	120-82-1	1,2,4-Trichlorobenzene	250	U	ug/kg	250	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-002	S	12/09/2015	22:34:00	87-61-6	1,2,3-Trichlorobenzene	250	U	ug/kg	250	12/07/2015	WIL-29

45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-71-8	Dichlorodifluoromethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	74-87-3	Chloromethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-01-4	Vinyl chloride	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	74-83-9	Bromomethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-00-3	Chloroethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-69-4	Trichlorofluoromethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-35-4	1,1-Dichloroethene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	67-64-1	Acetone	18		ug/kg	11	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-15-0	Carbon disulfide	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	79-20-9	Methyl acetate	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-09-2	Methylene chloride	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	156-60-5	trans-1,2-Dichloroethene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	1634-04-4	Methyl tert-butyl ether	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-34-3	1,1-Dichloroethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	156-59-2	cis-1,2-Dichloroethene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	78-93-3	2-Butanone	11	U	ug/kg	11	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	74-97-5	Bromochloromethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	67-66-3	Chloroform	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	71-55-6	1,1,1-Trichloroethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	110-82-7	Cyclohexane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	56-23-5	Carbon tetrachloride	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	71-43-2	Benzene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	107-06-2	1,2-Dichloroethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	79-01-6	Trichloroethene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	108-87-2	Methylcyclohexane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	78-87-5	1,2-Dichloropropane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-27-4	Bromodichloromethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	10061-01-5	cis-1,3-Dichloropropene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	108-10-1	4-Methyl-2-pentanone	11	U	ug/kg	11	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	108-88-3	Toluene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	10061-02-6	trans-1,3-Dichloropropene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	79-00-5	1,1,2-Trichloroethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	127-18-4	Tetrachloroethene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	591-78-6	2-Hexanone	11	U	ug/kg	11	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	124-48-1	Dibromochloromethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	106-93-4	1,2-Dibromoethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	108-90-7	Chlorobenzene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	100-41-4	Ethylbenzene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	95-47-6	o-Xylene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	179601-23-1	m, p-Xylene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	100-42-5	Styrene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	75-25-2	Bromoform	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	98-82-8	Isopropylbenzene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	541-73-1	1,3-Dichlorobenzene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	106-46-7	1,4-Dichlorobenzene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	95-50-1	1,2-Dichlorobenzene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	96-12-8	1,2-Dibromo-3-chloropropane	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	120-82-1	1,2,4-Trichlorobenzene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-003	S	12/09/2015	11:48:00	87-61-6	1,2,3-Trichlorobenzene	5.7	U	ug/kg	5.7	12/07/2015	WIL-05

45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-71-8	Dichlorodifluoromethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	74-87-3	Chloromethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-01-4	Vinyl chloride	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	74-83-9	Bromomethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-00-3	Chloroethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-69-4	Trichlorofluoromethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-35-4	1,1-Dichloroethene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	67-64-1	Acetone	550	U	ug/kg	550	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-15-0	Carbon disulfide	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	79-20-9	Methyl acetate	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-09-2	Methylene chloride	38	LJ	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	156-60-5	trans-1,2-Dichloroethene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	1634-04-4	Methyl tert-butyl ether	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-34-3	1,1-Dichloroethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	156-59-2	cis-1,2-Dichloroethene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	78-93-3	2-Butanone	550	U	ug/kg	550	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	74-97-5	Bromochloromethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	67-66-3	Chloroform	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	71-55-6	1,1,1-Trichloroethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	110-82-7	Cyclohexane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	56-23-5	Carbon tetrachloride	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	71-43-2	Benzene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	107-06-2	1,2-Dichloroethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	79-01-6	Trichloroethene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	108-87-2	Methylcyclohexane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	78-87-5	1,2-Dichloropropane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-27-4	Bromodichloromethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	10061-01-5	cis-1,3-Dichloropropene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	108-10-1	4-Methyl-2-pentanone	550	U	ug/kg	550	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	108-88-3	Toluene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	10061-02-6	trans-1,3-Dichloropropene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	79-00-5	1,1,2-Trichloroethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	127-18-4	Tetrachloroethene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	591-78-6	2-Hexanone	550	U	ug/kg	550	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	124-48-1	Dibromochloromethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	106-93-4	1,2-Dibromoethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	108-90-7	Chlorobenzene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	100-41-4	Ethylbenzene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	95-47-6	o-Xylene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	179601-23-1	m, p-Xylene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	100-42-5	Styrene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	75-25-2	Bromoform	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	98-82-8	Isopropylbenzene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	79-34-5	1,1,2,2-Tetrachloroethane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	541-73-1	1,3-Dichlorobenzene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	106-46-7	1,4-Dichlorobenzene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	95-50-1	1,2-Dichlorobenzene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	96-12-8	1,2-Dibromo-3-chloropropane	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	120-82-1	1,2,4-Trichlorobenzene	280	U	ug/kg	280	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-004	S	12/09/2015	21:51:00	87-61-6	1,2,3-Trichlorobenzene	280	U	ug/kg	280	12/07/2015	WIL-25

45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-71-8	Dichlorodifluoromethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	74-87-3	Chloromethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-01-4	Vinyl chloride	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	74-83-9	Bromomethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-00-3	Chloroethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-69-4	Trichlorofluoromethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-35-4	1,1-Dichloroethene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	67-64-1	Acetone	580	U	ug/kg	580	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-15-0	Carbon disulfide	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	79-20-9	Methyl acetate	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-09-2	Methylene chloride	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	156-60-5	trans-1,2-Dichloroethene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	1634-04-4	Methyl tert-butyl ether	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-34-3	1,1-Dichloroethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	156-59-2	cis-1,2-Dichloroethene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	78-93-3	2-Butanone	580	U	ug/kg	580	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	74-97-5	Bromochloromethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	67-66-3	Chloroform	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	71-55-6	1,1,1-Trichloroethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	110-82-7	Cyclohexane	2000		ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	56-23-5	Carbon tetrachloride	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	71-43-2	Benzene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	107-06-2	1,2-Dichloroethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	79-01-6	Trichloroethene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/14/2015	16:04:00	108-87-2	Methylcyclohexane	10000		ug/kg	3100	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	78-87-5	1,2-Dichloropropane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-27-4	Bromodichloromethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	10061-01-5	cis-1,3-Dichloropropene	290	UJv	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	108-10-1	4-Methyl-2-pentanone	580	U	ug/kg	580	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	108-88-3	Toluene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	10061-02-6	trans-1,3-Dichloropropene	290	UJv	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	79-00-5	1,1,2-Trichloroethane	290	UJv	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	127-18-4	Tetrachloroethene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	591-78-6	2-Hexanone	580	U	ug/kg	580	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	124-48-1	Dibromochloromethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	106-93-4	1,2-Dibromoethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	108-90-7	Chlorobenzene	290	UR	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	100-41-4	Ethylbenzene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	95-47-6	o-Xylene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	179601-23-1	m, p-Xylene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	100-42-5	Styrene	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	75-25-2	Bromoform	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	98-82-8	Isopropylbenzene	2000	J^	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	79-34-5	1,1,2,2-Tetrachloroethane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	541-73-1	1,3-Dichlorobenzene	290	UR	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	106-46-7	1,4-Dichlorobenzene	290	UR	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	95-50-1	1,2-Dichlorobenzene	290	UR	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	96-12-8	1,2-Dibromo-3-chloropropane	290	U	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	120-82-1	1,2,4-Trichlorobenzene	290	UR	ug/kg	290	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-005	S	12/09/2015	23:16:00	87-61-6	1,2,3-Trichlorobenzene	290	UR	ug/kg	290	12/07/2015	TF-11-03

45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-71-8	Dichlorodifluoromethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	74-87-3	Chloromethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-01-4	Vinyl chloride	2700	UJ	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	74-83-9	Bromomethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-00-3	Chloroethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-69-4	Trichlorofluoromethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-35-4	1,1-Dichloroethene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	67-64-1	Acetone	5400	U	ug/kg	5400	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-15-0	Carbon disulfide	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	79-20-9	Methyl acetate	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-09-2	Methylene chloride	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	156-60-5	trans-1,2-Dichloroethene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	1634-04-4	Methyl tert-butyl ether	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-34-3	1,1-Dichloroethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	156-59-2	cis-1,2-Dichloroethene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	78-93-3	2-Butanone	5400	U	ug/kg	5400	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	74-97-5	Bromochloromethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	67-66-3	Chloroform	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	71-55-6	1,1,1-Trichloroethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	110-82-7	Cyclohexane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	56-23-5	Carbon tetrachloride	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	71-43-2	Benzene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	107-06-2	1,2-Dichloroethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	79-01-6	Trichloroethene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	108-87-2	Methylcyclohexane	23000		ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	78-87-5	1,2-Dichloropropane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-27-4	Bromodichloromethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	10061-01-5	cis-1,3-Dichloropropene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	108-10-1	4-Methyl-2-pentanone	5400	U	ug/kg	5400	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	108-88-3	Toluene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	10061-02-6	trans-1,3-Dichloropropene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	79-00-5	1,1,2-Trichloroethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	127-18-4	Tetrachloroethene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	591-78-6	2-Hexanone	5400	U	ug/kg	5400	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	124-48-1	Dibromochloromethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	106-93-4	1,2-Dibromoethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	108-90-7	Chlorobenzene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	100-41-4	Ethylbenzene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	95-47-6	o-Xylene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	179601-23-1	m, p-Xylene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	100-42-5	Styrene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	75-25-2	Bromoform	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	98-82-8	Isopropylbenzene	450	LJ	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	79-34-5	1,1,2,2-Tetrachloroethane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	541-73-1	1,3-Dichlorobenzene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	106-46-7	1,4-Dichlorobenzene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	95-50-1	1,2-Dichlorobenzene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	96-12-8	1,2-Dibromo-3-chloropropane	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	120-82-1	1,2,4-Trichlorobenzene	2700	U	ug/kg	2700	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	16:25:00	87-61-6	1,2,3-Trichlorobenzene	2700	U	ug/kg	2700	12/08/2015	TF-11-05

45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-71-8	Dichlorodifluoromethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	74-87-3	Chloromethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-01-4	Vinyl chloride	2600	UJ	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	74-83-9	Bromomethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-00-3	Chloroethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-69-4	Trichlorofluoromethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-35-4	1,1-Dichloroethene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	67-64-1	Acetone	5200	U	ug/kg	5200	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-15-0	Carbon disulfide	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	79-20-9	Methyl acetate	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-09-2	Methylene chloride	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	156-60-5	trans-1,2-Dichloroethene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	1634-04-4	Methyl tert-butyl ether	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-34-3	1,1-Dichloroethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	156-59-2	cis-1,2-Dichloroethene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	78-93-3	2-Butanone	5200	U	ug/kg	5200	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	74-97-5	Bromochloromethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	67-66-3	Chloroform	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	71-55-6	1,1,1-Trichloroethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	110-82-7	Cyclohexane	2800		ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	56-23-5	Carbon tetrachloride	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	71-43-2	Benzene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	107-06-2	1,2-Dichloroethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	79-01-6	Trichloroethene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	108-87-2	Methylcyclohexane	13000		ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	78-87-5	1,2-Dichloropropane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-27-4	Bromodichloromethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	10061-01-5	cis-1,3-Dichloropropene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	108-10-1	4-Methyl-2-pentanone	5200	U	ug/kg	5200	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	108-88-3	Toluene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	10061-02-6	trans-1,3-Dichloropropene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	79-00-5	1,1,2-Trichloroethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	127-18-4	Tetrachloroethene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	591-78-6	2-Hexanone	5200	U	ug/kg	5200	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	124-48-1	Dibromochloromethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	106-93-4	1,2-Dibromoethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	108-90-7	Chlorobenzene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	100-41-4	Ethylbenzene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	95-47-6	o-Xylene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	179601-23-1	m, p-Xylene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	100-42-5	Styrene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	75-25-2	Bromoform	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	98-82-8	Isopropylbenzene	800	LJ	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	79-34-5	1,1,2,2-Tetrachloroethane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	541-73-1	1,3-Dichlorobenzene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	106-46-7	1,4-Dichlorobenzene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	95-50-1	1,2-Dichlorobenzene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	96-12-8	1,2-Dibromo-3-chloropropane	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	120-82-1	1,2,4-Trichlorobenzene	2600	U	ug/kg	2600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	16:47:00	87-61-6	1,2,3-Trichlorobenzene	2600	U	ug/kg	2600	12/08/2015	TF-12-01

45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-71-8	Dichlorodifluoromethane	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	74-87-3	Chloromethane	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-01-4	Vinyl chloride	300	UJ	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	74-83-9	Bromomethane	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-00-3	Chloroethane	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-69-4	Trichlorofluoromethane	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-35-4	1,1-Dichloroethene	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	67-64-1	Acetone	590	U	ug/kg	590	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-15-0	Carbon disulfide	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	79-20-9	Methyl acetate	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-09-2	Methylene chloride	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	156-60-5	trans-1,2-Dichloroethene	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	1634-04-4	Methyl tert-butyl ether	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-34-3	1,1-Dichloroethane	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	156-59-2	cis-1,2-Dichloroethene	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	78-93-3	2-Butanone	590	U	ug/kg	590	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	74-97-5	Bromochloromethane	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	67-66-3	Chloroform	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	71-55-6	1,1,1-Trichloroethane	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	110-82-7	Cyclohexane	440	Jv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	56-23-5	Carbon tetrachloride	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	71-43-2	Benzene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	107-06-2	1,2-Dichloroethane	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	79-01-6	Trichloroethene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	108-87-2	Methylcyclohexane	1600	Jv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	78-87-5	1,2-Dichloropropane	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-27-4	Bromodichloromethane	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	10061-01-5	cis-1,3-Dichloropropene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	108-10-1	4-Methyl-2-pentanone	590	U	ug/kg	590	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	108-88-3	Toluene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	10061-02-6	trans-1,3-Dichloropropene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	79-00-5	1,1,2-Trichloroethane	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	127-18-4	Tetrachloroethene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	591-78-6	2-Hexanone	590	U	ug/kg	590	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	124-48-1	Dibromochloromethane	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	106-93-4	1,2-Dibromoethane	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	108-90-7	Chlorobenzene	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	100-41-4	Ethylbenzene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	95-47-6	o-Xylene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	179601-23-1	m, p-Xylene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	100-42-5	Styrene	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	75-25-2	Bromoform	300	U	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	98-82-8	Isopropylbenzene	46	LJ	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	79-34-5	1,1,2,2-Tetrachloroethane	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	541-73-1	1,3-Dichlorobenzene	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	106-46-7	1,4-Dichlorobenzene	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	95-50-1	1,2-Dichlorobenzene	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	96-12-8	1,2-Dibromo-3-chloropropane	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	120-82-1	1,2,4-Trichlorobenzene	300	UJv	ug/kg	300	12/08/2015 TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	17:08:00	87-61-6	1,2,3-Trichlorobenzene	300	UJv	ug/kg	300	12/08/2015 TF-12-05

45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-71-8	Dichlorodifluoromethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	74-87-3	Chloromethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-01-4	Vinyl chloride	3000	UJ	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	74-83-9	Bromomethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-00-3	Chloroethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-69-4	Trichlorofluoromethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-35-4	1,1-Dichloroethene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	67-64-1	Acetone	5900	U	ug/kg	5900	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-15-0	Carbon disulfide	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	79-20-9	Methyl acetate	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-09-2	Methylene chloride	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	156-60-5	trans-1,2-Dichloroethene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	1634-04-4	Methyl tert-butyl ether	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-34-3	1,1-Dichloroethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	156-59-2	cis-1,2-Dichloroethene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	78-93-3	2-Butanone	5900	U	ug/kg	5900	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	74-97-5	Bromochloromethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	67-66-3	Chloroform	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	71-55-6	1,1,1-Trichloroethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	110-82-7	Cyclohexane	7800		ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	56-23-5	Carbon tetrachloride	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	71-43-2	Benzene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	107-06-2	1,2-Dichloroethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	79-01-6	Trichloroethene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	108-87-2	Methylcyclohexane	26000		ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	78-87-5	1,2-Dichloropropane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-27-4	Bromodichloromethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	10061-01-5	cis-1,3-Dichloropropene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	108-10-1	4-Methyl-2-pentanone	5900	U	ug/kg	5900	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	108-88-3	Toluene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	10061-02-6	trans-1,3-Dichloropropene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	79-00-5	1,1,2-Trichloroethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	127-18-4	Tetrachloroethene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	591-78-6	2-Hexanone	5900	U	ug/kg	5900	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	124-48-1	Dibromochloromethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	106-93-4	1,2-Dibromoethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	108-90-7	Chlorobenzene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	100-41-4	Ethylbenzene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	95-47-6	o-Xylene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	179601-23-1	m, p-Xylene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	100-42-5	Styrene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	75-25-2	Bromoform	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	98-82-8	Isopropylbenzene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	79-34-5	1,1,2,2-Tetrachloroethane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	541-73-1	1,3-Dichlorobenzene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	106-46-7	1,4-Dichlorobenzene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	95-50-1	1,2-Dichlorobenzene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	96-12-8	1,2-Dibromo-3-chloropropane	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	120-82-1	1,2,4-Trichlorobenzene	3000	U	ug/kg	3000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/14/2015	17:30:00	87-61-6	1,2,3-Trichlorobenzene	3000	U	ug/kg	3000	12/08/2015	FD-02

45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-71-8	Dichlorodifluoromethane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	74-87-3	Chloromethane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-01-4	Vinyl chloride	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	74-83-9	Bromomethane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-00-3	Chloroethane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-69-4	Trichlorofluoromethane	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-35-4	1,1-Dichloroethene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	67-64-1	Acetone	9.5	U	ug/kg	9.5	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-15-0	Carbon disulfide	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	79-20-9	Methyl acetate	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-09-2	Methylene chloride	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	156-60-5	trans-1,2-Dichloroethene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	1634-04-4	Methyl tert-butyl ether	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-34-3	1,1-Dichloroethane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	156-59-2	cis-1,2-Dichloroethene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	78-93-3	2-Butanone	9.5	U	ug/kg	9.5	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	74-97-5	Bromochloromethane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	67-66-3	Chloroform	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	71-55-6	1,1,1-Trichloroethane	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	110-82-7	Cyclohexane	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	56-23-5	Carbon tetrachloride	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	71-43-2	Benzene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	107-06-2	1,2-Dichloroethane	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	79-01-6	Trichloroethene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	108-87-2	Methylcyclohexane	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	78-87-5	1,2-Dichloropropane	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-27-4	Bromodichloromethane	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	10061-01-5	cis-1,3-Dichloropropene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	108-10-1	4-Methyl-2-pentanone	9.5	U	ug/kg	9.5	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	108-88-3	Toluene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	10061-02-6	trans-1,3-Dichloropropene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	79-00-5	1,1,2-Trichloroethane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	127-18-4	Tetrachloroethene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	591-78-6	2-Hexanone	9.5	U	ug/kg	9.5	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	124-48-1	Dibromochloromethane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	106-93-4	1,2-Dibromoethane	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	108-90-7	Chlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	100-41-4	Ethylbenzene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	95-47-6	o-Xylene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	179601-23-1	m, p-Xylene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	100-42-5	Styrene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	75-25-2	Bromoform	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	98-82-8	Isopropylbenzene	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	79-34-5	1,1,2,2-Tetrachloroethane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	541-73-1	1,3-Dichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	106-46-7	1,4-Dichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	95-50-1	1,2-Dichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	96-12-8	1,2-Dibromo-3-chloropropane	4.7	U	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	120-82-1	1,2,4-Trichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/21/2015	17:45:00	87-61-6	1,2,3-Trichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	TF-12-06

45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-71-8	Dichlorodifluoromethane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	74-87-3	Chloromethane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-01-4	Vinyl chloride	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	74-83-9	Bromomethane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-00-3	Chloroethane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-69-4	Trichlorofluoromethane	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-35-4	1,1-Dichloroethene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	67-64-1	Acetone	50		ug/kg	9.4	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-15-0	Carbon disulfide	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	79-20-9	Methyl acetate	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-09-2	Methylene chloride	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	156-60-5	trans-1,2-Dichloroethene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	1634-04-4	Methyl tert-butyl ether	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-34-3	1,1-Dichloroethane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	156-59-2	cis-1,2-Dichloroethene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	78-93-3	2-Butanone	13		ug/kg	9.4	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	74-97-5	Bromochloromethane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	67-66-3	Chloroform	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	71-55-6	1,1,1-Trichloroethane	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	110-82-7	Cyclohexane	35	Jv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	56-23-5	Carbon tetrachloride	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	71-43-2	Benzene	1.4	LJ	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	107-06-2	1,2-Dichloroethane	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	79-01-6	Trichloroethene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	108-87-2	Methylcyclohexane	100	Jv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	78-87-5	1,2-Dichloropropane	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-27-4	Bromodichloromethane	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	10061-01-5	cis-1,3-Dichloropropene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	108-10-1	4-Methyl-2-pentanone	9.4	U	ug/kg	9.4	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	108-88-3	Toluene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	10061-02-6	trans-1,3-Dichloropropene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	79-00-5	1,1,2-Trichloroethane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	127-18-4	Tetrachloroethene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	591-78-6	2-Hexanone	9.4	U	ug/kg	9.4	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	124-48-1	Dibromochloromethane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	106-93-4	1,2-Dibromoethane	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	108-90-7	Chlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	100-41-4	Ethylbenzene	43		ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	95-47-6	o-Xylene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	179601-23-1	m, p-Xylene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	100-42-5	Styrene	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	75-25-2	Bromoform	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	98-82-8	Isopropylbenzene	25		ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	79-34-5	1,1,2,2-Tetrachloroethane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	541-73-1	1,3-Dichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	106-46-7	1,4-Dichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	95-50-1	1,2-Dichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	96-12-8	1,2-Dibromo-3-chloropropane	4.7	U	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	120-82-1	1,2,4-Trichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/21/2015	19:37:00	87-61-6	1,2,3-Trichlorobenzene	4.7	UJv	ug/kg	4.7	12/08/2015	WIL-20

45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-71-8	Dichlorodifluoromethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	74-87-3	Chloromethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-01-4	Vinyl chloride	2800	UJ	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	74-83-9	Bromomethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-00-3	Chloroethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-69-4	Trichlorofluoromethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-35-4	1,1-Dichloroethene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	67-64-1	Acetone	5600	U	ug/kg	5600	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-15-0	Carbon disulfide	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	79-20-9	Methyl acetate	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-09-2	Methylene chloride	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	156-60-5	trans-1,2-Dichloroethene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	1634-04-4	Methyl tert-butyl ether	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-34-3	1,1-Dichloroethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	156-59-2	cis-1,2-Dichloroethene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	78-93-3	2-Butanone	5600	U	ug/kg	5600	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	74-97-5	Bromochloromethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	67-66-3	Chloroform	4100		ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	71-55-6	1,1,1-Trichloroethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	110-82-7	Cyclohexane	33000		ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	56-23-5	Carbon tetrachloride	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	71-43-2	Benzene	1700	LJ	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	107-06-2	1,2-Dichloroethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	79-01-6	Trichloroethene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	108-87-2	Methylcyclohexane	110000		ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	78-87-5	1,2-Dichloropropane	2200	LJ	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-27-4	Bromodichloromethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	10061-01-5	cis-1,3-Dichloropropene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	108-10-1	4-Methyl-2-pentanone	5600	U	ug/kg	5600	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	108-88-3	Toluene	1900	LJ	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	10061-02-6	trans-1,3-Dichloropropene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	79-00-5	1,1,2-Trichloroethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	127-18-4	Tetrachloroethene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	591-78-6	2-Hexanone	5600	U	ug/kg	5600	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	124-48-1	Dibromochloromethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	106-93-4	1,2-Dibromoethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	108-90-7	Chlorobenzene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	100-41-4	Ethylbenzene	47000		ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	95-47-6	o-Xylene	2800	LJ	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	179601-23-1	m, p-Xylene	60000		ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	100-42-5	Styrene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	75-25-2	Bromoform	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	98-82-8	Isopropylbenzene	8800		ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	79-34-5	1,1,2,2-Tetrachloroethane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	541-73-1	1,3-Dichlorobenzene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	106-46-7	1,4-Dichlorobenzene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	95-50-1	1,2-Dichlorobenzene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	96-12-8	1,2-Dibromo-3-chloropropane	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	120-82-1	1,2,4-Trichlorobenzene	2800	U	ug/kg	2800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/14/2015	18:35:00	87-61-6	1,2,3-Trichlorobenzene	2800	U	ug/kg	2800	12/08/2015	WIL-35

45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-71-8	Dichlorodifluoromethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	74-87-3	Chloromethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-01-4	Vinyl chloride	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	74-83-9	Bromomethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-00-3	Chloroethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-69-4	Trichlorofluoromethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-35-4	1,1-Dichloroethene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	67-64-1	Acetone	8.1	LJ	ug/kg	9.8	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-15-0	Carbon disulfide	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	79-20-9	Methyl acetate	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-09-2	Methylene chloride	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	156-60-5	trans-1,2-Dichloroethene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	1634-04-4	Methyl tert-butyl ether	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-34-3	1,1-Dichloroethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	156-59-2	cis-1,2-Dichloroethene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	78-93-3	2-Butanone	9.8	U	ug/kg	9.8	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	74-97-5	Bromochloromethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	67-66-3	Chloroform	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	71-55-6	1,1,1-Trichloroethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	110-82-7	Cyclohexane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	56-23-5	Carbon tetrachloride	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	71-43-2	Benzene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	107-06-2	1,2-Dichloroethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	79-01-6	Trichloroethene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	108-87-2	Methylcyclohexane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	78-87-5	1,2-Dichloropropane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-27-4	Bromodichloromethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	10061-01-5	cis-1,3-Dichloropropene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	108-10-1	4-Methyl-2-pentanone	9.8	U	ug/kg	9.8	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	108-88-3	Toluene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	10061-02-6	trans-1,3-Dichloropropene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	79-00-5	1,1,2-Trichloroethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	127-18-4	Tetrachloroethene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	591-78-6	2-Hexanone	9.8	U	ug/kg	9.8	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	124-48-1	Dibromochloromethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	106-93-4	1,2-Dibromoethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	108-90-7	Chlorobenzene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	100-41-4	Ethylbenzene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	95-47-6	o-Xylene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	179601-23-1	m, p-Xylene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	100-42-5	Styrene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	75-25-2	Bromoform	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	98-82-8	Isopropylbenzene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	79-34-5	1,1,2,2-Tetrachloroethane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	541-73-1	1,3-Dichlorobenzene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	106-46-7	1,4-Dichlorobenzene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	95-50-1	1,2-Dichlorobenzene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	96-12-8	1,2-Dibromo-3-chloropropane	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	120-82-1	1,2,4-Trichlorobenzene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/21/2015	18:08:00	87-61-6	1,2,3-Trichlorobenzene	4.9	U	ug/kg	4.9	12/08/2015	WIL-14

45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-71-8	Dichlorodifluoromethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	74-87-3	Chloromethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-01-4	Vinyl chloride	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	74-83-9	Bromomethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-00-3	Chloroethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-69-4	Trichlorofluoromethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-35-4	1,1-Dichloroethene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	67-64-1	Acetone	10	U	ug/kg	10	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-15-0	Carbon disulfide	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	79-20-9	Methyl acetate	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-09-2	Methylene chloride	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	156-60-5	trans-1,2-Dichloroethene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	1634-04-4	Methyl tert-butyl ether	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-34-3	1,1-Dichloroethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	156-59-2	cis-1,2-Dichloroethene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	78-93-3	2-Butanone	10	U	ug/kg	10	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	74-97-5	Bromochloromethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	67-66-3	Chloroform	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	71-55-6	1,1,1-Trichloroethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	110-82-7	Cyclohexane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	56-23-5	Carbon tetrachloride	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	71-43-2	Benzene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	107-06-2	1,2-Dichloroethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	79-01-6	Trichloroethene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	108-87-2	Methylcyclohexane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	78-87-5	1,2-Dichloropropane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-27-4	Bromodichloromethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	10061-01-5	cis-1,3-Dichloropropene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	108-10-1	4-Methyl-2-pentanone	10	U	ug/kg	10	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	108-88-3	Toluene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	10061-02-6	trans-1,3-Dichloropropene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	79-00-5	1,1,2-Trichloroethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	127-18-4	Tetrachloroethene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	591-78-6	2-Hexanone	10	U	ug/kg	10	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	124-48-1	Dibromochloromethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	106-93-4	1,2-Dibromoethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	108-90-7	Chlorobenzene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	100-41-4	Ethylbenzene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	95-47-6	o-Xylene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	179601-23-1	m, p-Xylene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	100-42-5	Styrene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	75-25-2	Bromoform	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	98-82-8	Isopropylbenzene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	541-73-1	1,3-Dichlorobenzene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	106-46-7	1,4-Dichlorobenzene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	95-50-1	1,2-Dichlorobenzene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	120-82-1	1,2,4-Trichlorobenzene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND
45671	F6R05	F6R19	QL11018-019	S	12/21/2015	18:31:00	87-61-6	1,2,3-Trichlorobenzene	5.0	U	ug/kg	5.0	12/10/2015	P-03-SAND

45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-71-8	Dichlorodifluoromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	74-87-3	Chloromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-01-4	Vinyl chloride	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	74-83-9	Bromomethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-00-3	Chloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-69-4	Trichlorofluoromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-35-4	1,1-Dichloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	67-64-1	Acetone	140		ug/kg	11	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-15-0	Carbon disulfide	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	79-20-9	Methyl acetate	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-09-2	Methylene chloride	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	156-60-5	trans-1,2-Dichloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	1634-04-4	Methyl tert-butyl ether	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-34-3	1,1-Dichloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	156-59-2	cis-1,2-Dichloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	78-93-3	2-Butanone	38		ug/kg	11	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	74-97-5	Bromochloromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	67-66-3	Chloroform	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	71-55-6	1,1,1-Trichloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	110-82-7	Cyclohexane	6.3		ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	56-23-5	Carbon tetrachloride	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	71-43-2	Benzene	4.6	LJ	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	107-06-2	1,2-Dichloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	79-01-6	Trichloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	108-87-2	Methylcyclohexane	23		ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	78-87-5	1,2-Dichloropropane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-27-4	Bromodichloromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	10061-01-5	cis-1,3-Dichloropropene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	108-10-1	4-Methyl-2-pentanone	11	U	ug/kg	11	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	108-88-3	Toluene	9.0		ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	10061-02-6	trans-1,3-Dichloropropene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	79-00-5	1,1,2-Trichloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	127-18-4	Tetrachloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	591-78-6	2-Hexanone	11	U	ug/kg	11	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	124-48-1	Dibromochloromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	106-93-4	1,2-Dibromoethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	108-90-7	Chlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	100-41-4	Ethylbenzene	8.9		ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	95-47-6	o-Xylene	12		ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	179601-23-1	m, p-Xylene	25		ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	100-42-5	Styrene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	75-25-2	Bromoform	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	98-82-8	Isopropylbenzene	2.3	LJ	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	79-34-5	1,1,2,2-Tetrachloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	541-73-1	1,3-Dichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	106-46-7	1,4-Dichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	95-50-1	1,2-Dichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	96-12-8	1,2-Dibromo-3-chloropropane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	120-82-1	1,2,4-Trichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10
45671	F6R05	F6R20	QL11018-020	S	12/21/2015	20:22:00	87-61-6	1,2,3-Trichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-10

45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-71-8	Dichlorodifluoromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	74-87-3	Chloromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-01-4	Vinyl chloride	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	74-83-9	Bromomethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-00-3	Chloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-69-4	Trichlorofluoromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-35-4	1,1-Dichloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	67-64-1	Acetone	82		ug/kg	11	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-15-0	Carbon disulfide	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	79-20-9	Methyl acetate	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-09-2	Methylene chloride	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	156-60-5	trans-1,2-Dichloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	1634-04-4	Methyl tert-butyl ether	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-34-3	1,1-Dichloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	156-59-2	cis-1,2-Dichloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	78-93-3	2-Butanone	29		ug/kg	11	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	74-97-5	Bromochloromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	67-66-3	Chloroform	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	71-55-6	1,1,1-Trichloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	110-82-7	Cyclohexane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	56-23-5	Carbon tetrachloride	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	71-43-2	Benzene	4.1	LJ	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	107-06-2	1,2-Dichloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	79-01-6	Trichloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	108-87-2	Methylcyclohexane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	78-87-5	1,2-Dichloropropane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-27-4	Bromodichloromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	10061-01-5	cis-1,3-Dichloropropene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	108-10-1	4-Methyl-2-pentanone	11	U	ug/kg	11	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	108-88-3	Toluene	9.8		ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	10061-02-6	trans-1,3-Dichloropropene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	79-00-5	1,1,2-Trichloroethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	127-18-4	Tetrachloroethene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	591-78-6	2-Hexanone	11	U	ug/kg	11	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	124-48-1	Dibromochloromethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	106-93-4	1,2-Dibromoethane	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	108-90-7	Chlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	100-41-4	Ethylbenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	95-47-6	o-Xylene	4.6	LJ	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	179601-23-1	m, p-Xylene	7.4		ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	100-42-5	Styrene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	75-25-2	Bromoform	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	98-82-8	Isopropylbenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	79-34-5	1,1,2,2-Tetrachloroethane	5.3	UJv	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	541-73-1	1,3-Dichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	106-46-7	1,4-Dichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	95-50-1	1,2-Dichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	96-12-8	1,2-Dibromo-3-chloropropane	5.3	UJv	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	120-82-1	1,2,4-Trichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11
45671	F6R05	F6R21	QL11018-021	S	12/21/2015	18:53:00	87-61-6	1,2,3-Trichlorobenzene	5.3	U	ug/kg	5.3	12/10/2015	WIL-AA-11

45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-71-8	Dichlorodifluoromethane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	74-87-3	Chloromethane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-01-4	Vinyl chloride	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	74-83-9	Bromomethane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-00-3	Chloroethane	350	UJ	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-69-4	Trichlorofluoromethane	350	UJv	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-35-4	1,1-Dichloroethene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	350	UJv	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	67-64-1	Acetone	690	U	ug/kg	690	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-15-0	Carbon disulfide	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	79-20-9	Methyl acetate	350	UJv	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-09-2	Methylene chloride	350	UJv	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	156-60-5	trans-1,2-Dichloroethene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	1634-04-4	Methyl tert-butyl ether	350	UJv	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-34-3	1,1-Dichloroethane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	156-59-2	cis-1,2-Dichloroethene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	78-93-3	2-Butanone	690	U	ug/kg	690	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	74-97-5	Bromochloromethane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	67-66-3	Chloroform	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	71-55-6	1,1,1-Trichloroethane	350	UJv	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	110-82-7	Cyclohexane	11000	J^	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	56-23-5	Carbon tetrachloride	350	UJv	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	71-43-2	Benzene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	107-06-2	1,2-Dichloroethane	350	UJv	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	79-01-6	Trichloroethene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/21/2015	11:36:00	108-87-2	Methylcyclohexane	19000		ug/kg	3500	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	78-87-5	1,2-Dichloropropane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-27-4	Bromodichloromethane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	10061-01-5	cis-1,3-Dichloropropene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	108-10-1	4-Methyl-2-pentanone	690	U	ug/kg	690	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	108-88-3	Toluene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	10061-02-6	trans-1,3-Dichloropropene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	79-00-5	1,1,2-Trichloroethane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	127-18-4	Tetrachloroethene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	591-78-6	2-Hexanone	690	U	ug/kg	690	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	124-48-1	Dibromochloromethane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	106-93-4	1,2-Dibromoethane	350	UJv	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	108-90-7	Chlorobenzene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	100-41-4	Ethylbenzene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	95-47-6	o-Xylene	210	LJ	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	179601-23-1	m, p-Xylene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	100-42-5	Styrene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	75-25-2	Bromoform	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	98-82-8	Isopropylbenzene	1300	J^	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	79-34-5	1,1,2,2-Tetrachloroethane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	541-73-1	1,3-Dichlorobenzene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	106-46-7	1,4-Dichlorobenzene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	95-50-1	1,2-Dichlorobenzene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	96-12-8	1,2-Dibromo-3-chloropropane	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	120-82-1	1,2,4-Trichlorobenzene	350	U	ug/kg	350	12/10/2015	WIL-41
45671	F6R05	F6R23	QL11018-022	S	12/16/2015	14:53:00	87-61-6	1,2,3-Trichlorobenzene	350	U	ug/kg	350	12/10/2015	WIL-41

45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	123-91-1	1,4-Dioxane	1500	U*	ug/kg	1500	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	100-52-7	Benzaldehyde	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	108-95-2	Phenol	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	111-44-4	Bis(2-Chloroethyl) ether	7300	U*	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	95-57-8	2-Chlorophenol	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	95-48-7	2-Methylphenol	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7300	U*	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	98-86-2	Acetophenone	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	106-44-5	4-Methylphenol	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	621-64-7	N-Nitroso-di-n propylamine	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	67-72-1	Hexachloroethane	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	98-95-3	Nitrobenzene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	78-59-1	Isophorone	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	88-75-5	2-Nitrophenol	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	105-67-9	2,4-Dimethylphenol	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	111-91-1	Bis(2-chloroethoxy)methane	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	120-83-2	2,4-Dichlorophenol	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	91-20-3	Naphthalene	1400	*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	106-47-8	4-Chloroaniline	7300	U*	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	87-68-3	Hexachlorobutadiene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	105-60-2	Caprolactam	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	59-50-7	4-Chloro-3-methylphenol	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	91-57-6	2-Methylnaphthalene	5100	J	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	77-47-4	Hexachlorocyclo-pentadiene	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	88-06-2	2,4,6-Trichlorophenol	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	95-95-4	2,4,5-Trichlorophenol	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	92-52-4	1,1'-Biphenyl	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	91-58-7	2-Chloronaphthalene	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	88-74-4	2-Nitroaniline	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	131-11-3	Dimethylphthalate	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	606-20-2	2,6-Dinitrotoluene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	208-96-8	Acenaphthylene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	99-09-2	3-Nitroaniline	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	83-32-9	Acenaphthene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	51-28-5	2,4-Dinitrophenol	7300	U*	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	100-02-7	4-Nitrophenol	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	132-64-9	Dibenzofuran	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	121-14-2	2,4-Dinitrotoluene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	84-66-2	Diethylphthalate	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	86-73-7	Fluorene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	7005-72-3	4-Chlorophenyl-phenyl ether	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	100-01-6	4-Nitroaniline	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	534-52-1	4,6-Dinitro-2-methylphenol	7300	U*	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	86-30-6	N-Nitrosodiphenylamine	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	101-55-3	4-Bromophenyl-phenylether	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	118-74-1	Hexachlorobenzene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	1912-24-9	Atrazine	7300	U*	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	87-86-5	Pentachlorophenol	7300	U*	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	85-01-8	Phenanthrene	770	*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	120-12-7	Anthracene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	86-74-8	Carbazole	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	84-74-2	Di-n-butylphthalate	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	206-44-0	Fluoranthene	7300	U*	ug/kg	7300	12/07/2015	WIL-30

45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	129-00-0	Pyrene	380	*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	85-68-7	Butylbenzylphthalate	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	91-94-1	3,3'-Dichlorobenzidine	7300	U*	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	56-55-3	Benzo(a)anthracene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	218-01-9	Chrysene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	117-81-7	Bis(2-ethylhexyl)phthalate	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	117-84-0	Di-n-octylphthalate	7300	U	ug/kg	7300	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	205-99-2	Benzo(b)fluoranthene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	207-08-9	Benzo(k)fluoranthene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	50-32-8	Benzo(a)pyrene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	193-39-5	Indeno(1,2,3-cd)pyrene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	53-70-3	Dibenzo(a,h)anthracene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	191-24-2	Benzo(g,h,i)perylene	3800	U*	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05	QL11018-014	S	12/15/2015	02:41:00	58-90-2	2,3,4,6-Tetrachlorophenol	3800	U	ug/kg	3800	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	91-20-3	Naphthalene	3800	*	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	91-57-6	2-Methylnaphthalene	8200	*	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	86-73-7	Fluorene	130	J	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	87-86-5	Pentachlorophenol	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	85-01-8	Phenanthrene	1800	J	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	120-12-7	Anthracene	39	UJ	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	206-44-0	Fluoranthene	160	J	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	129-00-0	Pyrene	950		ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	56-55-3	Benzo(a)anthracene	210		ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	218-01-9	Chrysene	400		ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	205-99-2	Benzo(b)fluoranthene	91		ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	207-08-9	Benzo(k)fluoranthene	19	LJ	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	50-32-8	Benzo(a)pyrene	140		ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	193-39-5	Indeno(1,2,3-cd)pyrene	34	LJ	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	53-70-3	Dibenzo(a,h)anthracene	26	LJ	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	191-24-2	Benzo(g,h,i)perylene	110		ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	88-06-2	2,4,6-Trichlorophenol	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	87-68-3	Hexachlorobutadiene	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	106-47-8	4-Chloroaniline	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	98-95-3	Nitrobenzene	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	1912-24-9	Atrazine	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	108-60-1	2,2'-Oxybis(1-chloropropane)	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	111-44-4	bis(2-Chloroethyl)ether	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	51-28-5	2,4-Dinitrophenol	750	U	ug/kg	750	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	91-94-1	3,3'-Dichlorobenzidine	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	67-72-1	Hexachloroethane	75	U	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	534-52-1	4,6-Dinitro-2-methylphenol	75	UJ	ug/kg	75	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05 (SIM)	QL11018-014	S	12/18/2015	23:09:00	132-64-9	Dibenzofuran	39	U	ug/kg	39	12/07/2015	WIL-30
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	91-20-3	Naphthalene	6700	J	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	91-57-6	2-Methylnaphthalene	20000	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	208-96-8	Acenaphthylene	580	U*	ug/kg	580		

45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	83-32-9	Acenaphthene	580	U*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	86-73-7	Fluorene	720	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	87-86-5	Pentachlorophenol	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	85-01-8	Phenanthrene	2700	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	120-12-7	Anthracene	820	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	206-44-0	Fluoranthene	190	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	129-00-0	Pyrene	650	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	56-55-3	Benzo(a)anthracene	140	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	218-01-9	Chrysene	280	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	205-99-2	Benzo(b)fluoranthene	64	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	207-08-9	Benzo(k)fluoranthene	580	U*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	50-32-8	Benzo(a)pyrene	110	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	193-39-5	Indeno(1,2,3-cd)pyrene	51	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	53-70-3	Dibenzo(a,h)anthracene	33	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	191-24-2	Benzo(g,h,i)perylene	190	*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	606-20-2	2,6-Dinitrotoluene	580	U*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	121-14-2	2,4-Dinitrotoluene	580	U*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	132-64-9	Dibenzofuran	580	U*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	534-52-1	4,6-Dinitro-2-methylphenol	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	118-74-1	Hexachlorobenzene	580	U*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	1912-24-9	Atrazine	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	91-94-1	3,3'-Dichlorobenzidine	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	51-28-5	2,4-Dinitrophenol	11000	U*	ug/kg	11000		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	123-91-1	1,4-Dioxane	580	U*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	111-44-4	bis(2-Chloroethyl)ether	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	108-60-1	2,2'-Oxybis(1-chloropropane)	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	621-64-7	N-Nitrosodi-n-propylamine	580	U*	ug/kg	580		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	67-72-1	Hexachloroethane	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	98-95-3	Nitrobenzene	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	106-47-8	4-Chloroaniline	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	87-68-3	Hexachlorobutadiene	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	88-06-2	2,4,6-Trichlorophenol	1100	U*	ug/kg	1100		
45671	F6R05	F6R05RX (SIM)	QL11018-014	S	12/23/2015	15:07:00	92-52-4	1,1'-Biphenyl	580	U*	ug/kg	580		
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	100-52-7	Benzaldehyde	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	108-95-2	Phenol	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	111-44-4	Bis(2-Chloroethyl) ether	7600	U*	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	95-57-8	2-Chlorophenol	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	95-48-7	2-Methylphenol	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7600	U*	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	98-86-2	Acetophenone	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	106-44-5	4-Methylphenol	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	621-64-7	N-Nitroso-di-n propylamine	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	67-72-1	Hexachloroethane	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	98-95-3	Nitrobenzene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	78-59-1	Isophorone	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	88-75-5	2-Nitrophenol	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	105-67-9	2,4-Dimethylphenol	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	111-91-1	Bis(2-chloroethoxy)methane	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	120-83-2	2,4-Dichlorophenol	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	91-20-3	Naphthalene	52000	J	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	106-47-8	4-Chloroaniline	7600	U*	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	87-68-3	Hexachlorobutadiene	3900	U*	ug/kg	3900	12/07/2015	WIL-29

45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	105-60-2	Caprolactam	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	59-50-7	4-Chloro-3-methylphenol	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	91-57-6	2-Methylnaphthalene	92000	*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	77-47-4	Hexachlorocyclo-pentadiene	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	88-06-2	2,4,6-Trichlorophenol	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	95-95-4	2,4,5-Trichlorophenol	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	92-52-4	1,1'-Biphenyl	520	*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	91-58-7	2-Chloronaphthalene	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	88-74-4	2-Nitroaniline	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	131-11-3	Dimethylphthalate	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	606-20-2	2,6-Dinitrotoluene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	208-96-8	Acenaphthylene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	99-09-2	3-Nitroaniline	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	83-32-9	Acenaphthene	5400		ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	51-28-5	2,4-Dinitrophenol	7600	U*	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	100-02-7	4-Nitrophenol	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	132-64-9	Dibenzofuran	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	121-14-2	2,4-Dinitrotoluene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	84-66-2	Diethylphthalate	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	86-73-7	Fluorene	6700		ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	7005-72-3	4-Chlorophenyl-phenyl ether	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	100-01-6	4-Nitroaniline	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	534-52-1	4,6-Dinitro-2-methylphenol	7600	U*	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	86-30-6	N-Nitrosodiphenylamine	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	101-55-3	4-Bromophenyl-phenylether	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	118-74-1	Hexachlorobenzene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	1912-24-9	Atrazine	7600	U*	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	87-86-5	Pentachlorophenol	7600	U*	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	85-01-8	Phenanthrene	19000		ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	120-12-7	Anthracene	4500		ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	86-74-8	Carbazole	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	84-74-2	Di-n-butylphthalate	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	206-44-0	Fluoranthene	1000	*	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	129-00-0	Pyrene	6800		ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	85-68-7	Butylbenzylphthalate	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	91-94-1	3,3'-Dichlorobenzidine	7600	U*	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	56-55-3	Benzo(a)anthracene	1300	*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	218-01-9	Chrysene	2600	*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	117-81-7	Bis(2-ethylhexyl)phthalate	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	117-84-0	Di-n-octylphthalate	7600	U	ug/kg	7600	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	205-99-2	Benzo(b)fluoranthene	470	*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	207-08-9	Benzo(k)fluoranthene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	50-32-8	Benzo(a)pyrene	550	*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	193-39-5	Indeno(1,2,3-cd)pyrene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	53-70-3	Dibenzo(a,h)anthracene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	191-24-2	Benzo(g,h,i)perylene	3900	U*	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06	QL11018-015	S	12/15/2015	03:09:00	58-90-2	2,3,4,6-Tetrachlorophenol	3900	U	ug/kg	3900	12/07/2015	WIL-29
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	123-91-1	1,4-Dioxane	12000	U*	ug/kg	12000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	100-52-7	Benzaldehyde	57000	U*	ug/kg	57000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	108-95-2	Phenol	57000	U*	ug/kg	57000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	111-44-4	Bis(2-Chloroethyl) ether	57000	U*	ug/kg	57000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	95-57-8	2-Chlorophenol	30000	U*	ug/kg	30000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	95-48-7	2-Methylphenol	57000	U*	ug/kg	57000		

45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	108-60-1	2,2'-Oxybis(1-chloropropane)	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	98-86-2	Acetophenone	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	106-44-5	4-Methylphenol	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	621-64-7	N-Nitroso-di-n propylamine	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	67-72-1	Hexachloroethane	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	98-95-3	Nitrobenzene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	78-59-1	Isophorone	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	88-75-5	2-Nitrophenol	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	105-67-9	2,4-Dimethylphenol	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	111-91-1	Bis(2-chloroethoxy)methane	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	120-83-2	2,4-Dichlorophenol	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	91-20-3	Naphthalene	130000	*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	106-47-8	4-Chloroaniline	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	87-68-3	Hexachlorobutadiene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	105-60-2	Caprolactam	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	59-50-7	4-Chloro-3-methylphenol	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	91-57-6	2-Methylnaphthalene	300000	J	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	77-47-4	Hexachlorocyclo-pentadiene	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	88-06-2	2,4,6-Trichlorophenol	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	95-95-4	2,4,5-Trichlorophenol	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	92-52-4	1,1'-Biphenyl	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	91-58-7	2-Chloronaphthalene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	88-74-4	2-Nitroaniline	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	131-11-3	Dimethylphthalate	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	606-20-2	2,6-Dinitrotoluene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	208-96-8	Acenaphthylene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	99-09-2	3-Nitroaniline	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	83-32-9	Acenaphthene	5100	*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	51-28-5	2,4-Dinitrophenol	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	100-02-7	4-Nitrophenol	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	132-64-9	Dibenzofuran	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	121-14-2	2,4-Dinitrotoluene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	84-66-2	Diethylphthalate	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	86-73-7	Fluorene	6100	*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	7005-72-3	4-Chlorophenyl-phenyl ether	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	100-01-6	4-Nitroaniline	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	534-52-1	4,6-Dinitro-2-methylphenol	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	86-30-6	N-Nitrosodiphenylamine	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	95-94-3	1,2,4,5-Tetrachlorobenzene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	101-55-3	4-Bromophenyl-phenylether	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	118-74-1	Hexachlorobenzene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	1912-24-9	Atrazine	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	87-86-5	Pentachlorophenol	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	85-01-8	Phenanthrene	21000	*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	120-12-7	Anthracene	4300	*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	86-74-8	Carbazole	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	84-74-2	Di-n-butylphthalate	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	206-44-0	Fluoranthene	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	129-00-0	Pyrene	7300	*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	85-68-7	Butylbenzylphthalate	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	91-94-1	3,3'-Dichlorobenzidine	57000	U*	ug/kg	57000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	56-55-3	Benzo(a)anthracene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	218-01-9	Chrysene	30000	U*	ug/kg	30000
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	117-81-7	Bis(2-ethylhexyl)phthalate	30000	U*	ug/kg	30000

45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	117-84-0	Di-n-octylphthalate	57000	U*	ug/kg	57000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	205-99-2	Benzo(b)fluoranthene	30000	U*	ug/kg	30000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	207-08-9	Benzo(k)fluoranthene	30000	U*	ug/kg	30000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	50-32-8	Benzo(a)pyrene	30000	U*	ug/kg	30000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	193-39-5	Indeno(1,2,3-cd)pyrene	30000	U*	ug/kg	30000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	53-70-3	Dibenzo(a,h)anthracene	30000	U*	ug/kg	30000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	191-24-2	Benzo(g,h,i)perylene	30000	U*	ug/kg	30000		
45671	F6R05	F6R06RX	QL11018-015	S	12/23/2015	11:44:00	58-90-2	2,3,4,6-Tetrachlorophenol	30000	U*	ug/kg	30000		
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	91-20-3	Naphthalene	8300	*	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	91-57-6	2-Methylnaphthalene	17000	*	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	83-32-9	Acenaphthene	2900	*	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	86-73-7	Fluorene	3400	*	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	87-86-5	Pentachlorophenol	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	85-01-8	Phenanthrene	9500	*	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	120-12-7	Anthracene	4900	*	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	206-44-0	Fluoranthene	1700		ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	129-00-0	Pyrene	6800	*	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	56-55-3	Benzo(a)anthracene	2300		ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	218-01-9	Chrysene	4000	*	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	205-99-2	Benzo(b)fluoranthene	750		ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	207-08-9	Benzo(k)fluoranthene	160		ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	50-32-8	Benzo(a)pyrene	1000		ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	193-39-5	Indeno(1,2,3-cd)pyrene	180		ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	53-70-3	Dibenzo(a,h)anthracene	200		ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	191-24-2	Benzo(g,h,i)perylene	330		ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	51-28-5	2,4-Dinitrophenol	760	U	ug/kg	760	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	123-91-1	1,4-Dioxane	3.4	LJ	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	111-44-4	bis(2-Chloroethyl)ether	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	108-60-1	2,2'-Oxybis(1-chloropropane)	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	67-72-1	Hexachloroethane	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	98-95-3	Nitrobenzene	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	106-47-8	4-Chloroaniline	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	87-68-3	Hexachlorobutadiene	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	88-06-2	2,4,6-Trichlorophenol	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	92-52-4	1,1'-Biphenyl	200	J	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	132-64-9	Dibenzofuran	39	U	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	534-52-1	4,6-Dinitro-2-methylphenol	76	UJ	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	1912-24-9	Atrazine	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06 (SIM)	QL11018-015	S	12/18/2015	23:35:00	91-94-1	3,3'-Dichlorobenzidine	76	U	ug/kg	76	12/07/2015	WIL-29
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	91-20-3	Naphthalene	170000	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	91-57-6	2-Methylnaphthalene	330000	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	208-96-8	Acenaphthylene	1200	U*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	83-32-9	Acenaphthene	7100	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	86-73-7	Fluorene	9500	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	87-86-5	Pentachlorophenol	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	85-01-8	Phenanthrene	31000	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	120-12-7	Anthracene	8100	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	206-44-0	Fluoranthene	2000	*	ug/kg	1200		

45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	129-00-0	Pyrene	10000	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	56-55-3	Benzo(a)anthracene	2100	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	218-01-9	Chrysene	3800	J	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	205-99-2	Benzo(b)fluoranthene	620	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	207-08-9	Benzo(k)fluoranthene	1200	U*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	50-32-8	Benzo(a)pyrene	820	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	193-39-5	Indeno(1,2,3-cd)pyrene	260	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	53-70-3	Dibenzo(a,h)anthracene	270	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	191-24-2	Benzo(g,h,i)perylene	590	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	51-28-5	2,4-Dinitrophenol	23000	U*	ug/kg	23000		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	123-91-1	1,4-Dioxane	1200	U*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	111-44-4	bis(2-Chloroethyl)ether	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	108-60-1	2,2'-Oxybis(1-chloropropane)	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	621-64-7	N-Nitrosodi-n-propylamine	1200	U*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	67-72-1	Hexachloroethane	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	98-95-3	Nitrobenzene	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	106-47-8	4-Chloroaniline	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	87-68-3	Hexachlorobutadiene	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	95-94-3	1,2,4,5-Tetrachlorobenzene	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	88-06-2	2,4,6-Trichlorophenol	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	92-52-4	1,1'-Biphenyl	640	*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	606-20-2	2,6-Dinitrotoluene	1200	U*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	121-14-2	2,4-Dinitrotoluene	1200	U*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	132-64-9	Dibenzofuran	1200	U*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	534-52-1	4,6-Dinitro-2-methylphenol	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	118-74-1	Hexachlorobenzene	1200	U*	ug/kg	1200		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	1912-24-9	Atrazine	2300	U*	ug/kg	2300		
45671	F6R05	F6R06RX (SIM)	QL11018-015	S	12/23/2015	15:34:00	91-94-1	3,3'-Dichlorobenzidine	2300	U*	ug/kg	2300		
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	123-91-1	1,4-Dioxane	82	U*	ug/kg	82	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	100-52-7	Benzaldehyde	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	108-95-2	Phenol	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	111-44-4	Bis(2-Chloroethyl) ether	390	U*	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	95-57-8	2-Chlorophenol	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	95-48-7	2-Methylphenol	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	108-60-1	2,2'-Oxybis(1-chloropropane)	390	U*	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	98-86-2	Acetophenone	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	106-44-5	4-Methylphenol	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	621-64-7	N-Nitroso-di-n propylamine	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	67-72-1	Hexachloroethane	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	98-95-3	Nitrobenzene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	78-59-1	Isophorone	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	88-75-5	2-Nitrophenol	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	105-67-9	2,4-Dimethylphenol	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	111-91-1	Bis(2-chloroethoxy)methane	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	120-83-2	2,4-Dichlorophenol	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	91-20-3	Naphthalene	22	*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	106-47-8	4-Chloroaniline	390	U*	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	87-68-3	Hexachlorobutadiene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	105-60-2	Caprolactam	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	59-50-7	4-Chloro-3-methylphenol	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	91-57-6	2-Methylnaphthalene	30	*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	77-47-4	Hexachlorocyclo-pentadiene	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	88-06-2	2,4,6-Trichlorophenol	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg	200	12/07/2015	WIL-05

45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	92-52-4	1,1'-Biphenyl	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	91-58-7	2-Chloronaphthalene	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	88-74-4	2-Nitroaniline	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	131-11-3	Dimethylphthalate	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	606-20-2	2,6-Dinitrotoluene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	208-96-8	Acenaphthylene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	99-09-2	3-Nitroaniline	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	83-32-9	Acenaphthene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	51-28-5	2,4-Dinitrophenol	390	U*	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	100-02-7	4-Nitrophenol	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	132-64-9	Dibenzofuran	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	121-14-2	2,4-Dinitrotoluene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	84-66-2	Diethylphthalate	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	86-73-7	Fluorene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	7005-72-3	4-Chlorophenyl-phenyl ether	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	100-01-6	4-Nitroaniline	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	534-52-1	4,6-Dinitro-2-methylphenol	390	U*	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	86-30-6	N-Nitrosodiphenylamine	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	101-55-3	4-Bromophenyl-phenylether	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	118-74-1	Hexachlorobenzene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	1912-24-9	Atrazine	390	U*	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	87-86-5	Pentachlorophenol	390	U*	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	85-01-8	Phenanthrene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	120-12-7	Anthracene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	86-74-8	Carbazole	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	84-74-2	Di-n-butylphthalate	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	206-44-0	Fluoranthene	390	U*	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	129-00-0	Pyrene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	85-68-7	Butylbenzylphthalate	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	91-94-1	3,3'-Dichlorobenzidine	390	U*	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	56-55-3	Benzo(a)anthracene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	218-01-9	Chrysene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	117-84-0	Di-n-octylphthalate	390	U	ug/kg	390	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	205-99-2	Benzo(b)fluoranthene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	207-08-9	Benzo(k)fluoranthene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	50-32-8	Benzo(a)pyrene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	193-39-5	Indeno(1,2,3-cd)pyrene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	53-70-3	Dibenzo(a,h)anthracene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	191-24-2	Benzo(g,h,i)perylene	200	U*	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07	QL11018-016	S	12/23/2015	16:04:00	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	ug/kg	200	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	91-20-3	Naphthalene	40	UM	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	91-57-6	2-Methylnaphthalene	71	UM	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	208-96-8	Acenaphthylene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	83-32-9	Acenaphthene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	86-73-7	Fluorene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	87-86-5	Pentachlorophenol	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	85-01-8	Phenanthrene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	120-12-7	Anthracene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	206-44-0	Fluoranthene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	129-00-0	Pyrene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	56-55-3	Benzo(a)anthracene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	218-01-9	Chrysene	40	U	ug/kg	40	12/07/2015	WIL-05

45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	205-99-2	Benzo(b)fluoranthene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	207-08-9	Benzo(k)fluoranthene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	50-32-8	Benzo(a)pyrene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	193-39-5	Indeno(1,2,3-cd)pyrene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	53-70-3	Dibenzo(a,h)anthracene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	191-24-2	Benzo(g,h,i)perylene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	606-20-2	2,6-Dinitrotoluene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	121-14-2	2,4-Dinitrotoluene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	132-64-9	Dibenzofuran	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	534-52-1	4,6-Dinitro-2-methylphenol	77	UJ	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	118-74-1	Hexachlorobenzene	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	1912-24-9	Atrazine	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	91-94-1	3,3'-Dichlorobenzidine	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	51-28-5	2,4-Dinitrophenol	770	U	ug/kg	770	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	123-91-1	1,4-Dioxane	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	111-44-4	bis(2-Chloroethyl)ether	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	108-60-1	2,2'-Oxybis(1-chloropropane)	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	621-64-7	N-Nitrosodi-n-propylamine	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	67-72-1	Hexachloroethane	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	98-95-3	Nitrobenzene	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	106-47-8	4-Chloroaniline	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	87-68-3	Hexachlorobutadiene	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	88-06-2	2,4,6-Trichlorophenol	77	U	ug/kg	77	12/07/2015	WIL-05
45671	F6R05	F6R07 (SIM)	QL11018-016	S	12/19/2015	00:01:00	92-52-4	1,1'-Biphenyl	40	U	ug/kg	40	12/07/2015	WIL-05
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	123-91-1	1,4-Dioxane	400	U*	ug/kg	400	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	100-52-7	Benzaldehyde	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	108-95-2	Phenol	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	111-44-4	Bis(2-Chloroethyl) ether	1900	U*	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	95-57-8	2-Chlorophenol	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	95-48-7	2-Methylphenol	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	108-60-1	2,2'-Oxybis(1-chloropropane)	1900	U*	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	98-86-2	Acetophenone	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	106-44-5	4-Methylphenol	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	621-64-7	N-Nitroso-di-n propylamine	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	67-72-1	Hexachloroethane	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	98-95-3	Nitrobenzene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	78-59-1	Isophorone	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	88-75-5	2-Nitrophenol	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	105-67-9	2,4-Dimethylphenol	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	111-91-1	Bis(2-chloroethoxy)methane	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	120-83-2	2,4-Dichlorophenol	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	91-20-3	Naphthalene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	106-47-8	4-Chloroaniline	1900	U*	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	87-68-3	Hexachlorobutadiene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	105-60-2	Caprolactam	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	59-50-7	4-Chloro-3-methylphenol	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	91-57-6	2-Methylnaphthalene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	77-47-4	Hexachlorocyclo-pentadiene	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	88-06-2	2,4,6-Trichlorophenol	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	95-95-4	2,4,5-Trichlorophenol	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	92-52-4	1,1'-Biphenyl	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	91-58-7	2-Chloronaphthalene	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	88-74-4	2-Nitroaniline	970	U	ug/kg	970	12/07/2015	WIL-25

45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	131-11-3	Dimethylphthalate	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	606-20-2	2,6-Dinitrotoluene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	208-96-8	Acenaphthylene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	99-09-2	3-Nitroaniline	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	83-32-9	Acenaphthene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	51-28-5	2,4-Dinitrophenol	1900	U*	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	100-02-7	4-Nitrophenol	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	132-64-9	Dibenzofuran	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	121-14-2	2,4-Dinitrotoluene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	84-66-2	Diethylphthalate	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	86-73-7	Fluorene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	7005-72-3	4-Chlorophenyl-phenyl ether	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	100-01-6	4-Nitroaniline	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	534-52-1	4,6-Dinitro-2-methylphenol	1900	U*	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	86-30-6	N-Nitrosodiphenylamine	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	95-94-3	1,2,4,5-Tetrachlorobenzene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	101-55-3	4-Bromophenyl-phenylether	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	118-74-1	Hexachlorobenzene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	1912-24-9	Atrazine	1900	U*	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	87-86-5	Pentachlorophenol	1900	U*	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	85-01-8	Phenanthrene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	120-12-7	Anthracene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	86-74-8	Carbazole	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	84-74-2	Di-n-butylphthalate	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	206-44-0	Fluoranthene	1900	U*	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	129-00-0	Pyrene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	85-68-7	Butylbenzylphthalate	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	91-94-1	3,3'-Dichlorobenzidine	1900	U*	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	56-55-3	Benzo(a)anthracene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	218-01-9	Chrysene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	117-81-7	Bis(2-ethylhexyl)phthalate	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	117-84-0	Di-n-octylphthalate	1900	U	ug/kg	1900	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	205-99-2	Benzo(b)fluoranthene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	207-08-9	Benzo(k)fluoranthene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	50-32-8	Benzo(a)pyrene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	193-39-5	Indeno(1,2,3-cd)pyrene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	53-70-3	Dibenzo(a,h)anthracene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	191-24-2	Benzo(g,h,i)perylene	970	U*	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08	QL11018-017	S	12/23/2015	16:33:00	58-90-2	2,3,4,6-Tetrachlorophenol	970	U	ug/kg	970	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	91-20-3	Naphthalene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	91-57-6	2-Methylnaphthalene	72	UM	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	86-73-7	Fluorene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	87-86-5	Pentachlorophenol	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	85-01-8	Phenanthrene	32	LJ	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	120-12-7	Anthracene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	129-00-0	Pyrene	49		ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	218-01-9	Chrysene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	205-99-2	Benzo(b)fluoranthene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/07/2015	WIL-25

45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	132-64-9	Dibenzofuran	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	67-72-1	Hexachloroethane	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	534-52-1	4,6-Dinitro-2-methylphenol	76	UJ	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	1912-24-9	Atrazine	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	108-60-1	2,2'-Oxybis(1-chloropropane)	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	111-44-4	bis(2-Chloroethyl)ether	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	91-94-1	3,3'-Dichlorobenzidine	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	51-28-5	2,4-Dinitrophenol	760	U	ug/kg	760	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	98-95-3	Nitrobenzene	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	88-06-2	2,4,6-Trichlorophenol	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	87-68-3	Hexachlorobutadiene	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R08 (SIM)	QL11018-017	S	12/19/2015	00:27:00	106-47-8	4-Chloroaniline	76	U	ug/kg	76	12/07/2015	WIL-25
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	100-52-7	Benzaldehyde	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	108-95-2	Phenol	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	111-44-4	Bis(2-Chloroethyl) ether	7700	U*	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	95-57-8	2-Chlorophenol	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	95-48-7	2-Methylphenol	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7700	U*	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	98-86-2	Acetophenone	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	106-44-5	4-Methylphenol	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	621-64-7	N-Nitroso-di-n propylamine	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	67-72-1	Hexachloroethane	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	98-95-3	Nitrobenzene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	78-59-1	Isophorone	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	88-75-5	2-Nitrophenol	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	105-67-9	2,4-Dimethylphenol	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	111-91-1	Bis(2-chloroethoxy)methane	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	120-83-2	2,4-Dichlorophenol	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	91-20-3	Naphthalene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	106-47-8	4-Chloroaniline	7700	U*	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	87-68-3	Hexachlorobutadiene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	105-60-2	Caprolactam	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	59-50-7	4-Chloro-3-methylphenol	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	91-57-6	2-Methylnaphthalene	970	*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	77-47-4	Hexachlorocyclo-pentadiene	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	88-06-2	2,4,6-Trichlorophenol	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	95-95-4	2,4,5-Trichlorophenol	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	92-52-4	1,1'-Biphenyl	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	91-58-7	2-Chloronaphthalene	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	88-74-4	2-Nitroaniline	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	131-11-3	Dimethylphthalate	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	606-20-2	2,6-Dinitrotoluene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	208-96-8	Acenaphthylene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03

45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	99-09-2	3-Nitroaniline	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	83-32-9	Acenaphthene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	51-28-5	2,4-Dinitrophenol	7700	U*	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	100-02-7	4-Nitrophenol	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	132-64-9	Dibenzofuran	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	121-14-2	2,4-Dinitrotoluene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	84-66-2	Diethylphthalate	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	86-73-7	Fluorene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	7005-72-3	4-Chlorophenyl-phenyl ether	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	100-01-6	4-Nitroaniline	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	534-52-1	4,6-Dinitro-2-methylphenol	7700	U*	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	86-30-6	N-Nitrosodiphenylamine	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	101-55-3	4-Bromophenyl-phenylether	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	118-74-1	Hexachlorobenzene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	1912-24-9	Atrazine	7700	U*	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	87-86-5	Pentachlorophenol	7700	U*	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	85-01-8	Phenanthrene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	120-12-7	Anthracene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	86-74-8	Carbazole	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	84-74-2	Di-n-butylphthalate	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	206-44-0	Fluoranthene	7700	U*	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	129-00-0	Pyrene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	85-68-7	Butylbenzylphthalate	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	91-94-1	3,3'-Dichlorobenzidine	7700	U*	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	56-55-3	Benzo(a)anthracene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	218-01-9	Chrysene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	117-81-7	Bis(2-ethylhexyl)phthalate	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	117-84-0	Di-n-octylphthalate	7700	U	ug/kg	7700	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	205-99-2	Benzo(b)fluoranthene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	207-08-9	Benzo(k)fluoranthene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	50-32-8	Benzo(a)pyrene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	193-39-5	Indeno(1,2,3-cd)pyrene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	53-70-3	Dibenzo(a,h)anthracene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	191-24-2	Benzo(g,h,i)perylene	4000	U*	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09	QL11018-018	S	12/15/2015	04:33:00	58-90-2	2,3,4,6-Tetrachlorophenol	4000	U	ug/kg	4000	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	91-20-3	Naphthalene	120	UM	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	91-57-6	2-Methylnaphthalene	1500		ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	86-73-7	Fluorene	120		ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	87-86-5	Pentachlorophenol	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	85-01-8	Phenanthrene	550		ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	120-12-7	Anthracene	110		ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	129-00-0	Pyrene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	218-01-9	Chrysene	48		ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	205-99-2	Benzo(b)fluoranthene	17	LJ	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/07/2015	TF-11-03

45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	51-28-5	2,4-Dinitrophenol	770	U	ug/kg	770	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	91-94-1	3,3'-Dichlorobenzidine	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	1912-24-9	Atrazine	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	534-52-1	4,6-Dinitro-2-methylphenol	77	UJ	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	132-64-9	Dibenzofuran	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	88-06-2	2,4,6-Trichlorophenol	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	87-68-3	Hexachlorobutadiene	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	106-47-8	4-Chloroaniline	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	98-95-3	Nitrobenzene	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	67-72-1	Hexachloroethane	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	111-44-4	bis(2-Chloroethyl)ether	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	108-60-1	2,2'-Oxybis(1-chloropropane)	77	U	ug/kg	77	12/07/2015	TF-11-03
45671	F6R05	F6R09 (SIM)	QL11018-018	S	12/19/2015	00:54:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/07/2015	TF-11-03
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	100-52-7	Benzaldehyde	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	108-95-2	Phenol	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	111-44-4	Bis(2-Chloroethyl) ether	7600	U*	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	95-57-8	2-Chlorophenol	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	95-48-7	2-Methylphenol	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7600	U*	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	98-86-2	Acetophenone	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	106-44-5	4-Methylphenol	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	621-64-7	N-Nitroso-di-n propylamine	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	67-72-1	Hexachloroethane	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	98-95-3	Nitrobenzene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	78-59-1	Isophorone	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	88-75-5	2-Nitrophenol	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	105-67-9	2,4-Dimethylphenol	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	111-91-1	Bis(2-chloroethoxy)methane	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	120-83-2	2,4-Dichlorophenol	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	91-20-3	Naphthalene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	106-47-8	4-Chloroaniline	7600	U*	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	87-68-3	Hexachlorobutadiene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	105-60-2	Caprolactam	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	59-50-7	4-Chloro-3-methylphenol	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	91-57-6	2-Methylnaphthalene	470	*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	77-47-4	Hexachlorocyclo-pentadiene	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	88-06-2	2,4,6-Trichlorophenol	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	95-95-4	2,4,5-Trichlorophenol	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	92-52-4	1,1'-Biphenyl	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	91-58-7	2-Chloronaphthalene	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	88-74-4	2-Nitroaniline	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	131-11-3	Dimethylphthalate	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	606-20-2	2,6-Dinitrotoluene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	208-96-8	Acenaphthylene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	99-09-2	3-Nitroaniline	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	83-32-9	Acenaphthene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	51-28-5	2,4-Dinitrophenol	7600	U*	ug/kg	7600	12/08/2015	TF-11-05

45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	100-02-7	4-Nitrophenol	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	132-64-9	Dibenzofuran	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	121-14-2	2,4-Dinitrotoluene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	84-66-2	Diethylphthalate	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	86-73-7	Fluorene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	7005-72-3	4-Chlorophenyl-phenyl ether	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	100-01-6	4-Nitroaniline	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	534-52-1	4,6-Dinitro-2-methylphenol	7600	U*	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	86-30-6	N-Nitrosodiphenylamine	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	101-55-3	4-Bromophenyl-phenylether	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	118-74-1	Hexachlorobenzene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	1912-24-9	Atrazine	7600	U*	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	87-86-5	Pentachlorophenol	7600	U*	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	85-01-8	Phenanthrene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	120-12-7	Anthracene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	86-74-8	Carbazole	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	84-74-2	Di-n-butylphthalate	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	206-44-0	Fluoranthene	7600	U*	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	129-00-0	Pyrene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	85-68-7	Butylbenzylphthalate	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	91-94-1	3,3'-Dichlorobenzidine	7600	U*	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	56-55-3	Benzo(a)anthracene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	218-01-9	Chrysene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	117-81-7	Bis(2-ethylhexyl)phthalate	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	117-84-0	Di-n-octylphthalate	7600	U	ug/kg	7600	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	205-99-2	Benzo(b)fluoranthene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	207-08-9	Benzo(k)fluoranthene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	50-32-8	Benzo(a)pyrene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	193-39-5	Indeno(1,2,3-cd)pyrene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	53-70-3	Dibenzo(a,h)anthracene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	191-24-2	Benzo(g,h,i)perylene	3900	U*	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10	QL11018-006	S	12/14/2015	22:53:00	58-90-2	2,3,4,6-Tetrachlorophenol	3900	U	ug/kg	3900	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	91-20-3	Naphthalene	79	UM	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	91-57-6	2-Methylnaphthalene	1000		ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	86-73-7	Fluorene	110		ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	87-86-5	Pentachlorophenol	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	85-01-8	Phenanthrene	360		ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	120-12-7	Anthracene	93		ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	206-44-0	Fluoranthene	22	LJ	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	129-00-0	Pyrene	96		ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	56-55-3	Benzo(a)anthracene	20	LJ	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	218-01-9	Chrysene	69		ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	205-99-2	Benzo(b)fluoranthene	40		ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	207-08-9	Benzo(k)fluoranthene	16	LJ	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	50-32-8	Benzo(a)pyrene	32	LJ	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	193-39-5	Indeno(1,2,3-cd)pyrene	26	LJ	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	191-24-2	Benzo(g,h,i)perylene	52		ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	88-06-2	2,4,6-Trichlorophenol	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	ug/kg	77	12/08/2015	TF-11-05

45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	91-94-1	3,3'-Dichlorobenzidine	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	87-68-3	Hexachlorobutadiene	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	106-47-8	4-Chloroaniline	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	98-95-3	Nitrobenzene	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	51-28-5	2,4-Dinitrophenol	770	U	ug/kg	770	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	111-44-4	bis(2-Chloroethyl)ether	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	108-60-1	2,2'-Oxybis(1-chloropropane)	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	132-64-9	Dibenzofuran	37	LJ	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	67-72-1	Hexachloroethane	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	1912-24-9	Atrazine	77	U	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/08/2015	TF-11-05
45671	F6R05	F6R10 (SIM)	QL11018-006	S	12/18/2015	19:40:00	534-52-1	4,6-Dinitro-2-methylphenol	77	UJ	ug/kg	77	12/08/2015	TF-11-05
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	100-52-7	Benzaldehyde	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	108-95-2	Phenol	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	111-44-4	Bis(2-Chloroethyl) ether	7400	U*	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	95-57-8	2-Chlorophenol	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	95-48-7	2-Methylphenol	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7400	U*	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	98-86-2	Acetophenone	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	106-44-5	4-Methylphenol	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	621-64-7	N-Nitroso-di-n propylamine	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	67-72-1	Hexachloroethane	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	98-95-3	Nitrobenzene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	78-59-1	Isophorone	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	88-75-5	2-Nitrophenol	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	105-67-9	2,4-Dimethylphenol	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	111-91-1	Bis(2-chloroethoxy)methane	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	120-83-2	2,4-Dichlorophenol	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	91-20-3	Naphthalene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	106-47-8	4-Chloroaniline	7400	U*	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	87-68-3	Hexachlorobutadiene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	105-60-2	Caprolactam	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	59-50-7	4-Chloro-3-methylphenol	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	91-57-6	2-Methylnaphthalene	500	*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	77-47-4	Hexachlorocyclo-pentadiene	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	88-06-2	2,4,6-Trichlorophenol	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	95-95-4	2,4,5-Trichlorophenol	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	92-52-4	1,1'-Biphenyl	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	91-58-7	2-Chloronaphthalene	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	88-74-4	2-Nitroaniline	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	131-11-3	Dimethylphthalate	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	606-20-2	2,6-Dinitrotoluene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	208-96-8	Acenaphthylene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	99-09-2	3-Nitroaniline	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	83-32-9	Acenaphthene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	51-28-5	2,4-Dinitrophenol	7400	U*	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	100-02-7	4-Nitrophenol	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	132-64-9	Dibenzofuran	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	121-14-2	2,4-Dinitrotoluene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01

45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	84-66-2	Diethylphthalate	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	86-73-7	Fluorene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	7005-72-3	4-Chlorophenyl-phenyl ether	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	100-01-6	4-Nitroaniline	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	534-52-1	4,6-Dinitro-2-methylphenol	7400	U*	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	86-30-6	N-Nitrosodiphenylamine	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	101-55-3	4-Bromophenyl-phenylether	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	118-74-1	Hexachlorobenzene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	1912-24-9	Atrazine	7400	U*	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	87-86-5	Pentachlorophenol	7400	U*	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	85-01-8	Phenanthrene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	120-12-7	Anthracene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	86-74-8	Carbazole	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	84-74-2	Di-n-butylphthalate	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	206-44-0	Fluoranthene	7400	U*	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	129-00-0	Pyrene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	85-68-7	Butylbenzylphthalate	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	91-94-1	3,3'-Dichlorobenzidine	7400	U*	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	56-55-3	Benzo(a)anthracene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	218-01-9	Chrysene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	117-81-7	Bis(2-ethylhexyl)phthalate	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	117-84-0	Di-n-octylphthalate	7400	U	ug/kg	7400	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	205-99-2	Benzo(b)fluoranthene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	207-08-9	Benzo(k)fluoranthene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	50-32-8	Benzo(a)pyrene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	193-39-5	Indeno(1,2,3-cd)pyrene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	53-70-3	Dibenzo(a,h)anthracene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	191-24-2	Benzo(g,h,i)perylene	3800	U*	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11	QL11018-007	S	12/14/2015	23:21:00	58-90-2	2,3,4,6-Tetrachlorophenol	3800	U	ug/kg	3800	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	91-20-3	Naphthalene	85	UM	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	91-57-6	2-Methylnaphthalene	800		ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	86-73-7	Fluorene	88		ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	87-86-5	Pentachlorophenol	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	85-01-8	Phenanthrene	440		ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	120-12-7	Anthracene	77		ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	129-00-0	Pyrene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	218-01-9	Chrysene	35	LJ	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	205-99-2	Benzo(b)fluoranthene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	132-64-9	Dibenzofuran	30	LJ	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	67-72-1	Hexachloroethane	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	534-52-1	4,6-Dinitro-2-methylphenol	76	UJ	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	1912-24-9	Atrazine	76	U	ug/kg	76	12/08/2015	TF-12-01

45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	108-60-1	2,2'-Oxybis(1-chloropropane)	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	111-44-4	bis(2-Chloroethyl)ether	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	91-94-1	3,3'-Dichlorobenzidine	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	51-28-5	2,4-Dinitrophenol	760	U	ug/kg	760	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	98-95-3	Nitrobenzene	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	88-06-2	2,4,6-Trichlorophenol	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	87-68-3	Hexachlorobutadiene	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R11 (SIM)	QL11018-007	S	12/18/2015	20:06:00	106-47-8	4-Chloroaniline	76	U	ug/kg	76	12/08/2015	TF-12-01
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	100-52-7	Benzaldehyde	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	108-95-2	Phenol	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	111-44-4	Bis(2-Chloroethyl) ether	7500	U*	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	95-57-8	2-Chlorophenol	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	95-48-7	2-Methylphenol	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7500	U*	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	98-86-2	Acetophenone	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	106-44-5	4-Methylphenol	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	621-64-7	N-Nitroso-di-n propylamine	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	67-72-1	Hexachloroethane	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	98-95-3	Nitrobenzene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	78-59-1	Isophorone	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	88-75-5	2-Nitrophenol	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	105-67-9	2,4-Dimethylphenol	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	111-91-1	Bis(2-chloroethoxy)methane	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	120-83-2	2,4-Dichlorophenol	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	91-20-3	Naphthalene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	106-47-8	4-Chloroaniline	7500	U*	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	87-68-3	Hexachlorobutadiene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	105-60-2	Caprolactam	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	59-50-7	4-Chloro-3-methylphenol	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	91-57-6	2-Methylnaphthalene	710	*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	77-47-4	Hexachlorocyclo-pentadiene	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	88-06-2	2,4,6-Trichlorophenol	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	95-95-4	2,4,5-Trichlorophenol	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	92-52-4	1,1'-Biphenyl	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	91-58-7	2-Chloronaphthalene	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	88-74-4	2-Nitroaniline	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	131-11-3	Dimethylphthalate	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	606-20-2	2,6-Dinitrotoluene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	208-96-8	Acenaphthylene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	99-09-2	3-Nitroaniline	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	83-32-9	Acenaphthene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	51-28-5	2,4-Dinitrophenol	7500	U*	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	100-02-7	4-Nitrophenol	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	132-64-9	Dibenzofuran	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	121-14-2	2,4-Dinitrotoluene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	84-66-2	Diethylphthalate	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	86-73-7	Fluorene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	7005-72-3	4-Chlorophenyl-phenyl ether	3900	U	ug/kg	3900	12/08/2015	TF-12-05

45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	100-01-6	4-Nitroaniline	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	534-52-1	4,6-Dinitro-2-methylphenol	7500	U*	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	86-30-6	N-Nitrosodiphenylamine	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	101-55-3	4-Bromophenyl-phenylether	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	118-74-1	Hexachlorobenzene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	1912-24-9	Atrazine	7500	U*	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	87-86-5	Pentachlorophenol	7500	U*	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	85-01-8	Phenanthrene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	120-12-7	Anthracene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	86-74-8	Carbazole	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	84-74-2	Di-n-butylphthalate	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	206-44-0	Fluoranthene	7500	U*	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	129-00-0	Pyrene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	85-68-7	Butylbenzylphthalate	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	91-94-1	3,3'-Dichlorobenzidine	7500	U*	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	56-55-3	Benzo(a)anthracene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	218-01-9	Chrysene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	117-81-7	Bis(2-ethylhexyl)phthalate	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	117-84-0	Di-n-octylphthalate	7500	U	ug/kg	7500	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	205-99-2	Benzo(b)fluoranthene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	207-08-9	Benzo(k)fluoranthene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	50-32-8	Benzo(a)pyrene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	193-39-5	Indeno(1,2,3-cd)pyrene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	53-70-3	Dibenzo(a,h)anthracene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	191-24-2	Benzo(g,h,i)perylene	3900	U*	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12	QL11018-008	S	12/14/2015	23:49:00	58-90-2	2,3,4,6-Tetrachlorophenol	3900	U	ug/kg	3900	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	91-20-3	Naphthalene	240		ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	91-57-6	2-Methylnaphthalene	1800		ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	208-96-8	Acenaphthylene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	83-32-9	Acenaphthene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	86-73-7	Fluorene	230		ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	87-86-5	Pentachlorophenol	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	85-01-8	Phenanthrene	700		ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	120-12-7	Anthracene	120		ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	206-44-0	Fluoranthene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	129-00-0	Pyrene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	56-55-3	Benzo(a)anthracene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	218-01-9	Chrysene	72		ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	205-99-2	Benzo(b)fluoranthene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	207-08-9	Benzo(k)fluoranthene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	50-32-8	Benzo(a)pyrene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	193-39-5	Indeno(1,2,3-cd)pyrene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	53-70-3	Dibenzo(a,h)anthracene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	191-24-2	Benzo(g,h,i)perylene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	108-60-1	2,2'-Oxybis(1-chloropropane)	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	621-64-7	N-Nitrosodi-n-propylamine	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	67-72-1	Hexachloroethane	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	95-94-3	1,2,4,5-Tetrachlorobenzene	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	88-06-2	2,4,6-Trichlorophenol	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	92-52-4	1,1'-Biphenyl	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	606-20-2	2,6-Dinitrotoluene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	121-14-2	2,4-Dinitrotoluene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	132-64-9	Dibenzofuran	38	U	ug/kg	38	12/08/2015	TF-12-05

45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	534-52-1	4,6-Dinitro-2-methylphenol	74	UJ	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	118-74-1	Hexachlorobenzene	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	1912-24-9	Atrazine	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	91-94-1	3,3'-Dichlorobenzidine	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	98-95-3	Nitrobenzene	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	106-47-8	4-Chloroaniline	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	111-44-4	bis(2-Chloroethyl)ether	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	87-68-3	Hexachlorobutadiene	74	U	ug/kg	74	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	51-28-5	2,4-Dinitrophenol	740	U	ug/kg	740	12/08/2015	TF-12-05
45671	F6R05	F6R12 (SIM)	QL11018-008	S	12/18/2015	20:32:00	123-91-1	1,4-Dioxane	38	U	ug/kg	38	12/08/2015	TF-12-05
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	100-52-7	Benzaldehyde	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	108-95-2	Phenol	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	111-44-4	Bis(2-Chloroethyl) ether	7700	U*	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	95-57-8	2-Chlorophenol	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	95-48-7	2-Methylphenol	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7700	U*	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	98-86-2	Acetophenone	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	106-44-5	4-Methylphenol	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	621-64-7	N-Nitroso-di-n propylamine	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	67-72-1	Hexachloroethane	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	98-95-3	Nitrobenzene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	78-59-1	Isophorone	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	88-75-5	2-Nitrophenol	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	105-67-9	2,4-Dimethylphenol	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	111-91-1	Bis(2-chloroethoxy)methane	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	120-83-2	2,4-Dichlorophenol	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	91-20-3	Naphthalene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	106-47-8	4-Chloroaniline	7700	U*	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	87-68-3	Hexachlorobutadiene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	105-60-2	Caprolactam	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	59-50-7	4-Chloro-3-methylphenol	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	91-57-6	2-Methylnaphthalene	870	*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	77-47-4	Hexachlorocyclo-pentadiene	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	88-06-2	2,4,6-Trichlorophenol	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	95-95-4	2,4,5-Trichlorophenol	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	92-52-4	1,1'-Biphenyl	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	91-58-7	2-Chloronaphthalene	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	88-74-4	2-Nitroaniline	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	131-11-3	Dimethylphthalate	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	606-20-2	2,6-Dinitrotoluene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	208-96-8	Acenaphthylene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	99-09-2	3-Nitroaniline	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	83-32-9	Acenaphthene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	51-28-5	2,4-Dinitrophenol	7700	U*	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	100-02-7	4-Nitrophenol	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	132-64-9	Dibenzofuran	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	121-14-2	2,4-Dinitrotoluene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	84-66-2	Diethylphthalate	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	86-73-7	Fluorene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	7005-72-3	4-Chlorophenyl-phenyl ether	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	100-01-6	4-Nitroaniline	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	534-52-1	4,6-Dinitro-2-methylphenol	7700	U*	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	86-30-6	N-Nitrosodiphenylamine	4000	U	ug/kg	4000	12/08/2015	FD-02

45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	101-55-3	4-Bromophenyl-phenylether	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	118-74-1	Hexachlorobenzene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	1912-24-9	Atrazine	7700	U*	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	87-86-5	Pentachlorophenol	7700	U*	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	85-01-8	Phenanthrene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	120-12-7	Anthracene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	86-74-8	Carbazole	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	84-74-2	Di-n-butylphthalate	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	206-44-0	Fluoranthene	7700	U*	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	129-00-0	Pyrene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	85-68-7	Butylbenzylphthalate	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	91-94-1	3,3'-Dichlorobenzidine	7700	U*	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	56-55-3	Benzo(a)anthracene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	218-01-9	Chrysene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	117-81-7	Bis(2-ethylhexyl)phthalate	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	117-84-0	Di-n-octylphthalate	7700	U	ug/kg	7700	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	205-99-2	Benzo(b)fluoranthene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	207-08-9	Benzo(k)fluoranthene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	50-32-8	Benzo(a)pyrene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	193-39-5	Indeno(1,2,3-cd)pyrene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	53-70-3	Dibenzo(a,h)anthracene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	191-24-2	Benzo(g,h,i)perylene	4000	U*	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13	QL11018-009	S	12/15/2015	00:18:00	58-90-2	2,3,4,6-Tetrachlorophenol	4000	U	ug/kg	4000	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	91-20-3	Naphthalene	240		ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	91-57-6	2-Methylnaphthalene	1900		ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	86-73-7	Fluorene	270		ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	87-86-5	Pentachlorophenol	76	U	ug/kg	76	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	85-01-8	Phenanthrene	780		ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	120-12-7	Anthracene	150		ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	129-00-0	Pyrene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	218-01-9	Chrysene	88		ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	205-99-2	Benzo(b)fluoranthene	20	LJ	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	132-64-9	Dibenzofuran	86		ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	67-72-1	Hexachloroethane	76	U	ug/kg	76	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	534-52-1	4,6-Dinitro-2-methylphenol	76	UJ	ug/kg	76	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	1912-24-9	Atrazine	76	U	ug/kg	76	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	108-60-1	2,2'-Oxybis(1-chloropropane)	76	U	ug/kg	76	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	111-44-4	bis(2-Chloroethyl)ether	76	U	ug/kg	76	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	91-94-1	3,3'-Dichlorobenzidine	76	U	ug/kg	76	12/08/2015	FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	51-28-5	2,4-Dinitrophenol	760	U	ug/kg	760	12/08/2015	FD-02

45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	98-95-3	Nitrobenzene	76	U	ug/kg	76	12/08/2015 FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/08/2015 FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/08/2015 FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	88-06-2	2,4,6-Trichlorophenol	76	U	ug/kg	76	12/08/2015 FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	ug/kg	76	12/08/2015 FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	87-68-3	Hexachlorobutadiene	76	U	ug/kg	76	12/08/2015 FD-02
45671	F6R05	F6R13 (SIM)	QL11018-009	S	12/18/2015	20:58:00	106-47-8	4-Chloroaniline	76	U	ug/kg	76	12/08/2015 FD-02
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	123-91-1	1,4-Dioxane	76	U*	ug/kg	76	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	100-52-7	Benzaldehyde	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	108-95-2	Phenol	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	111-44-4	Bis(2-Chloroethyl) ether	360	U*	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	95-57-8	2-Chlorophenol	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	95-48-7	2-Methylphenol	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	108-60-1	2,2'-Oxybis(1-chloropropane)	360	U*	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	98-86-2	Acetophenone	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	106-44-5	4-Methylphenol	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	621-64-7	N-Nitroso-di-n propylamine	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	67-72-1	Hexachloroethane	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	98-95-3	Nitrobenzene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	78-59-1	Isophorone	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	88-75-5	2-Nitrophenol	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	105-67-9	2,4-Dimethylphenol	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	111-91-1	Bis(2-chloroethoxy)methane	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	120-83-2	2,4-Dichlorophenol	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	91-20-3	Naphthalene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	106-47-8	4-Chloroaniline	360	U*	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	87-68-3	Hexachlorobutadiene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	105-60-2	Caprolactam	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	59-50-7	4-Chloro-3-methylphenol	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	91-57-6	2-Methylnaphthalene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	77-47-4	Hexachlorocyclo-pentadiene	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	88-06-2	2,4,6-Trichlorophenol	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	95-95-4	2,4,5-Trichlorophenol	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	92-52-4	1,1'-Biphenyl	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	91-58-7	2-Chloronaphthalene	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	88-74-4	2-Nitroaniline	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	131-11-3	Dimethylphthalate	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	606-20-2	2,6-Dinitrotoluene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	208-96-8	Acenaphthylene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	99-09-2	3-Nitroaniline	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	83-32-9	Acenaphthene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	51-28-5	2,4-Dinitrophenol	360	U*	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	100-02-7	4-Nitrophenol	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	132-64-9	Dibenzofuran	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	121-14-2	2,4-Dinitrotoluene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	84-66-2	Diethylphthalate	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	86-73-7	Fluorene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	7005-72-3	4-Chlorophenyl-phenyl ether	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	100-01-6	4-Nitroaniline	360	U	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	534-52-1	4,6-Dinitro-2-methylphenol	360	U*	ug/kg	360	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	86-30-6	N-Nitrosodiphenylamine	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	95-94-3	1,2,4,5-Tetrachlorobenzene	180	U*	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	101-55-3	4-Bromophenyl-phenylether	180	U	ug/kg	180	12/08/2015 TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	118-74-1	Hexachlorobenzene	180	U*	ug/kg	180	12/08/2015 TF-12-06

45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	1912-24-9	Atrazine	360	U*	ug/kg	360	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	87-86-5	Pentachlorophenol	360	U*	ug/kg	360	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	85-01-8	Phenanthrene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	120-12-7	Anthracene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	86-74-8	Carbazole	360	U	ug/kg	360	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	84-74-2	Di-n-butylphthalate	88	LJ	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	206-44-0	Fluoranthene	360	U*	ug/kg	360	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	129-00-0	Pyrene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	85-68-7	Butylbenzylphthalate	910		ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	91-94-1	3,3'-Dichlorobenzidine	360	U*	ug/kg	360	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	56-55-3	Benzo(a)anthracene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	218-01-9	Chrysene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	117-81-7	Bis(2-ethylhexyl)phthalate	670		ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	117-84-0	Di-n-octylphthalate	630		ug/kg	360	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	205-99-2	Benzo(b)fluoranthene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	207-08-9	Benzo(k)fluoranthene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	50-32-8	Benzo(a)pyrene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	193-39-5	Indeno(1,2,3-cd)pyrene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	53-70-3	Dibenzo(a,h)anthracene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	191-24-2	Benzo(g,h,i)perylene	180	U*	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14	QL11018-010	S	12/23/2015	17:02:00	58-90-2	2,3,4,6-Tetrachlorophenol	180	U	ug/kg	180	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	91-20-3	Naphthalene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	91-57-6	2-Methylnaphthalene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	208-96-8	Acenaphthylene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	83-32-9	Acenaphthene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	86-73-7	Fluorene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	87-86-5	Pentachlorophenol	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	85-01-8	Phenanthrene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	120-12-7	Anthracene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	206-44-0	Fluoranthene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	129-00-0	Pyrene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	56-55-3	Benzo(a)anthracene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	218-01-9	Chrysene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	205-99-2	Benzo(b)fluoranthene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	207-08-9	Benzo(k)fluoranthene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	50-32-8	Benzo(a)pyrene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	193-39-5	Indeno(1,2,3-cd)pyrene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	53-70-3	Dibenzo(a,h)anthracene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	191-24-2	Benzo(g,h,i)perylene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	121-14-2	2,4-Dinitrotoluene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	132-64-9	Dibenzofuran	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	67-72-1	Hexachloroethane	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	534-52-1	4,6-Dinitro-2-methylphenol	71	UJ	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	118-74-1	Hexachlorobenzene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	1912-24-9	Atrazine	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	621-64-7	N-Nitrosodi-n-propylamine	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	108-60-1	2,2'-Oxybis(1-chloropropane)	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	111-44-4	bis(2-Chloroethyl)ether	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	123-91-1	1,4-Dioxane	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	91-94-1	3,3'-Dichlorobenzidine	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	51-28-5	2,4-Dinitrophenol	710	U	ug/kg	710	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	98-95-3	Nitrobenzene	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	606-20-2	2,6-Dinitrotoluene	37	U	ug/kg	37	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	92-52-4	1,1'-Biphenyl	37	U	ug/kg	37	12/08/2015	TF-12-06

45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	88-06-2	2,4,6-Trichlorophenol	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	95-94-3	1,2,4,5-Tetrachlorobenzene	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	87-68-3	Hexachlorobutadiene	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R14 (SIM)	QL11018-010	S	12/18/2015	21:24:00	106-47-8	4-Chloroaniline	71	U	ug/kg	71	12/08/2015	TF-12-06
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	123-91-1	1,4-Dioxane	81	U*	ug/kg	81	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	100-52-7	Benzaldehyde	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	108-95-2	Phenol	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	111-44-4	Bis(2-Chloroethyl) ether	380	U*	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	95-57-8	2-Chlorophenol	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	95-48-7	2-Methylphenol	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	108-60-1	2,2'-Oxybis(1-chloropropane)	380	U*	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	98-86-2	Acetophenone	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	106-44-5	4-Methylphenol	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	621-64-7	N-Nitroso-di-n propylamine	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	67-72-1	Hexachloroethane	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	98-95-3	Nitrobenzene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	78-59-1	Isophorone	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	88-75-5	2-Nitrophenol	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	105-67-9	2,4-Dimethylphenol	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	111-91-1	Bis(2-chloroethoxy)methane	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	120-83-2	2,4-Dichlorophenol	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	91-20-3	Naphthalene	56	*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	106-47-8	4-Chloroaniline	380	U*	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	87-68-3	Hexachlorobutadiene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	105-60-2	Caprolactam	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	59-50-7	4-Chloro-3-methylphenol	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	91-57-6	2-Methylnaphthalene	160	*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	77-47-4	Hexachlorocyclo-pentadiene	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	88-06-2	2,4,6-Trichlorophenol	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	92-52-4	1,1'-Biphenyl	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	91-58-7	2-Chloronaphthalene	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	88-74-4	2-Nitroaniline	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	131-11-3	Dimethylphthalate	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	606-20-2	2,6-Dinitrotoluene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	208-96-8	Acenaphthylene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	99-09-2	3-Nitroaniline	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	83-32-9	Acenaphthene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	51-28-5	2,4-Dinitrophenol	380	U*	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	100-02-7	4-Nitrophenol	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	132-64-9	Dibenzofuran	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	121-14-2	2,4-Dinitrotoluene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	84-66-2	Diethylphthalate	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	86-73-7	Fluorene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	7005-72-3	4-Chlorophenyl-phenyl ether	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	100-01-6	4-Nitroaniline	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	534-52-1	4,6-Dinitro-2-methylphenol	380	U*	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	86-30-6	N-Nitrosodiphenylamine	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	101-55-3	4-Bromophenyl-phenylether	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	118-74-1	Hexachlorobenzene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	1912-24-9	Atrazine	380	U*	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	87-86-5	Pentachlorophenol	380	U*	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	85-01-8	Phenanthrene	76	*	ug/kg	200	12/08/2015	WIL-20

45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	120-12-7	Anthracene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	86-74-8	Carbazole	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	84-74-2	Di-n-butylphthalate	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	206-44-0	Fluoranthene	380	U*	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	129-00-0	Pyrene	45	*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	85-68-7	Butylbenzylphthalate	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	91-94-1	3,3'-Dichlorobenzidine	380	U*	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	56-55-3	Benzo(a)anthracene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	218-01-9	Chrysene	36	*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	117-81-7	Bis(2-ethylhexyl)phthalate	19	LJ	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	117-84-0	Di-n-octylphthalate	380	U	ug/kg	380	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	205-99-2	Benzo(b)fluoranthene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	207-08-9	Benzo(k)fluoranthene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	50-32-8	Benzo(a)pyrene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	193-39-5	Indeno(1,2,3-cd)pyrene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	53-70-3	Dibenzo(a,h)anthracene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	191-24-2	Benzo(g,h,i)perylene	200	U*	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15	QL11018-011	S	12/23/2015	15:04:00	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	ug/kg	200	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	91-20-3	Naphthalene	140	UM	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	91-57-6	2-Methylnaphthalene	410	UM	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	83-32-9	Acenaphthene	23	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	86-73-7	Fluorene	29	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	87-86-5	Pentachlorophenol	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	85-01-8	Phenanthrene	170		ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	120-12-7	Anthracene	22	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	206-44-0	Fluoranthene	23	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	129-00-0	Pyrene	91		ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	56-55-3	Benzo(a)anthracene	39	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	218-01-9	Chrysene	86		ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	205-99-2	Benzo(b)fluoranthene	26	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	207-08-9	Benzo(k)fluoranthene	11	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	50-32-8	Benzo(a)pyrene	21	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	193-39-5	Indeno(1,2,3-cd)pyrene	21	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	53-70-3	Dibenzo(a,h)anthracene	18	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	191-24-2	Benzo(g,h,i)perylene	26	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	534-52-1	4,6-Dinitro-2-methylphenol	77	UJ	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	1912-24-9	Atrazine	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	91-94-1	3,3'-Dichlorobenzidine	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	51-28-5	2,4-Dinitrophenol	770	U	ug/kg	770	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	111-44-4	bis(2-Chloroethyl)ether	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	108-60-1	2,2'-Oxybis(1-chloropropane)	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	67-72-1	Hexachloroethane	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	98-95-3	Nitrobenzene	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	106-47-8	4-Chloroaniline	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	87-68-3	Hexachlorobutadiene	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	88-06-2	2,4,6-Trichlorophenol	77	U	ug/kg	77	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	92-52-4	1,1'-Biphenyl	16	LJ	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/08/2015	WIL-20

45671	F6R05	F6R15 (SIM)	QL11018-011	S	12/18/2015	21:51:00	132-64-9	Dibenzofuran	39	U	ug/kg	39	12/08/2015	WIL-20
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	100-52-7	Benzaldehyde	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	108-95-2	Phenol	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	111-44-4	Bis(2-Chloroethyl) ether	7800	U*	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	95-57-8	2-Chlorophenol	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	95-48-7	2-Methylphenol	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7800	U*	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	98-86-2	Acetophenone	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	106-44-5	4-Methylphenol	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	621-64-7	N-Nitroso-di-n propylamine	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	67-72-1	Hexachloroethane	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	98-95-3	Nitrobenzene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	78-59-1	Isophorone	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	88-75-5	2-Nitrophenol	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	105-67-9	2,4-Dimethylphenol	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	111-91-1	Bis(2-chloroethoxy)methane	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	120-83-2	2,4-Dichlorophenol	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	91-20-3	Naphthalene	2000	*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	106-47-8	4-Chloroaniline	7800	U*	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	87-68-3	Hexachlorobutadiene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	105-60-2	Caprolactam	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	59-50-7	4-Chloro-3-methylphenol	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	91-57-6	2-Methylnaphthalene	3100	*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	77-47-4	Hexachlorocyclo-pentadiene	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	88-06-2	2,4,6-Trichlorophenol	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	95-95-4	2,4,5-Trichlorophenol	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	92-52-4	1,1'-Biphenyl	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	91-58-7	2-Chloronaphthalene	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	88-74-4	2-Nitroaniline	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	131-11-3	Dimethylphthalate	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	606-20-2	2,6-Dinitrotoluene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	208-96-8	Acenaphthylene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	99-09-2	3-Nitroaniline	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	83-32-9	Acenaphthene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	51-28-5	2,4-Dinitrophenol	7800	U*	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	100-02-7	4-Nitrophenol	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	132-64-9	Dibenzofuran	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	121-14-2	2,4-Dinitrotoluene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	84-66-2	Diethylphthalate	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	86-73-7	Fluorene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	7005-72-3	4-Chlorophenyl-phenyl ether	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	100-01-6	4-Nitroaniline	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	534-52-1	4,6-Dinitro-2-methylphenol	7800	U*	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	86-30-6	N-Nitrosodiphenylamine	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	101-55-3	4-Bromophenyl-phenylether	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	118-74-1	Hexachlorobenzene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	1912-24-9	Atrazine	7800	U*	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	87-86-5	Pentachlorophenol	7800	U*	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	85-01-8	Phenanthrene	21000		ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	120-12-7	Anthracene	1500	*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	86-74-8	Carbazole	1400	LJ	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	84-74-2	Di-n-butylphthalate	4000	U	ug/kg	4000	12/08/2015	WIL-35

45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	206-44-0	Fluoranthene	1500	*	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	129-00-0	Pyrene	5800	J	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	85-68-7	Butylbenzylphthalate	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	91-94-1	3,3'-Dichlorobenzidine	7800	U*	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	56-55-3	Benzo(a)anthracene	2000	*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	218-01-9	Chrysene	4000	J	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	117-81-7	Bis(2-ethylhexyl)phthalate	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	117-84-0	Di-n-octylphthalate	7800	U	ug/kg	7800	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	205-99-2	Benzo(b)fluoranthene	680	*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	207-08-9	Benzo(k)fluoranthene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	50-32-8	Benzo(a)pyrene	630	*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	193-39-5	Indeno(1,2,3-cd)pyrene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	53-70-3	Dibenzo(a,h)anthracene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	191-24-2	Benzo(g,h,i)perylene	4000	U*	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16	QL11018-012	S	12/15/2015	01:44:00	58-90-2	2,3,4,6-Tetrachlorophenol	4000	U	ug/kg	4000	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	91-20-3	Naphthalene	5300	*	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	91-57-6	2-Methylnaphthalene	6000	*	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	208-96-8	Acenaphthylene	40	U	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	83-32-9	Acenaphthene	550		ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	86-73-7	Fluorene	2600	*	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	87-86-5	Pentachlorophenol	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	85-01-8	Phenanthrene	8500	*	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	120-12-7	Anthracene	3700	*	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	206-44-0	Fluoranthene	3300	*	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	129-00-0	Pyrene	7200	*	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	56-55-3	Benzo(a)anthracene	4900	*	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	218-01-9	Chrysene	7600	*	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	205-99-2	Benzo(b)fluoranthene	1300	J	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	207-08-9	Benzo(k)fluoranthene	220		ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	50-32-8	Benzo(a)pyrene	1400	J	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	193-39-5	Indeno(1,2,3-cd)pyrene	290	J	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	53-70-3	Dibenzo(a,h)anthracene	330	J	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	191-24-2	Benzo(g,h,i)perylene	400	J	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	108-60-1	2,2'-Oxybis(1-chloropropane)	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	621-64-7	N-Nitrosodi-n-propylamine	40	U	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	67-72-1	Hexachloroethane	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	98-95-3	Nitrobenzene	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	106-47-8	4-Chloroaniline	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	87-68-3	Hexachlorobutadiene	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	88-06-2	2,4,6-Trichlorophenol	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	92-52-4	1,1'-Biphenyl	150		ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	606-20-2	2,6-Dinitrotoluene	40	U	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	121-14-2	2,4-Dinitrotoluene	40	U	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	132-64-9	Dibenzofuran	400	J	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	534-52-1	4,6-Dinitro-2-methylphenol	78	UJ	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	118-74-1	Hexachlorobenzene	40	U	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	1912-24-9	Atrazine	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	91-94-1	3,3'-Dichlorobenzidine	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	51-28-5	2,4-Dinitrophenol	780	U	ug/kg	780	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	123-91-1	1,4-Dioxane	40	U	ug/kg	40	12/08/2015	WIL-35
45671	F6R05	F6R16 (SIM)	QL11018-012	S	12/18/2015	22:17:00	111-44-4	bis(2-Chloroethyl)ether	78	U	ug/kg	78	12/08/2015	WIL-35
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	91-20-3	Naphthalene	16000	J	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	91-57-6	2-Methylnaphthalene	17000	J	ug/kg	600		

45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	208-96-8	Acenaphthylene	600	U*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	83-32-9	Acenaphthene	600	U*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	86-73-7	Fluorene	5900		ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	87-86-5	Pentachlorophenol	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	85-01-8	Phenanthrene	95000	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	120-12-7	Anthracene	11000	J	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	206-44-0	Fluoranthene	7600		ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	129-00-0	Pyrene	26000	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	56-55-3	Benzo(a)anthracene	9400	J	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	218-01-9	Chrysene	18000	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	205-99-2	Benzo(b)fluoranthene	2900	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	207-08-9	Benzo(k)fluoranthene	500	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	50-32-8	Benzo(a)pyrene	3200	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	193-39-5	Indeno(1,2,3-cd)pyrene	930	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	53-70-3	Dibenzo(a,h)anthracene	1000	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	191-24-2	Benzo(g,h,i)perylene	1600	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	606-20-2	2,6-Dinitrotoluene	600	U*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	92-52-4	1,1'-Biphenyl	240	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	88-06-2	2,4,6-Trichlorophenol	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	95-94-3	1,2,4,5-Tetrachlorobenzene	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	87-68-3	Hexachlorobutadiene	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	106-47-8	4-Chloroaniline	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	98-95-3	Nitrobenzene	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	67-72-1	Hexachloroethane	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	621-64-7	N-Nitrosodi-n-propylamine	600	U*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	108-60-1	2,2'-Oxybis(1-chloropropane)	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	111-44-4	bis(2-Chloroethyl)ether	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	123-91-1	1,4-Dioxane	600	U*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	91-94-1	3,3'-Dichlorobenzidine	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	1912-24-9	Atrazine	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	118-74-1	Hexachlorobenzene	600	U*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	534-52-1	4,6-Dinitro-2-methylphenol	1200	U*	ug/kg	1200		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	132-64-9	Dibenzofuran	880	*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	121-14-2	2,4-Dinitrotoluene	600	U*	ug/kg	600		
45671	F6R05	F6R16RX (SIM)	QL11018-012	S	12/23/2015	13:48:00	51-28-5	2,4-Dinitrophenol	12000	U*	ug/kg	12000		
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	123-91-1	1,4-Dioxane	81	U*	ug/kg	81	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	100-52-7	Benzaldehyde	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	108-95-2	Phenol	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	111-44-4	Bis(2-Chloroethyl) ether	380	U*	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	95-57-8	2-Chlorophenol	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	95-48-7	2-Methylphenol	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	108-60-1	2,2'-Oxybis(1-chloropropane)	380	U*	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	98-86-2	Acetophenone	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	106-44-5	4-Methylphenol	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	621-64-7	N-Nitroso-di-n propylamine	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	67-72-1	Hexachloroethane	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	98-95-3	Nitrobenzene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	78-59-1	Isophorone	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	88-75-5	2-Nitrophenol	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	105-67-9	2,4-Dimethylphenol	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	111-91-1	Bis(2-chloroethoxy)methane	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	120-83-2	2,4-Dichlorophenol	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	91-20-3	Naphthalene	44	*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	106-47-8	4-Chloroaniline	380	U*	ug/kg	380	12/08/2015	WIL-14

45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	87-68-3	Hexachlorobutadiene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	105-60-2	Caprolactam	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	59-50-7	4-Chloro-3-methylphenol	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	91-57-6	2-Methylnaphthalene	56	*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	77-47-4	Hexachlorocyclo-pentadiene	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	88-06-2	2,4,6-Trichlorophenol	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	92-52-4	1,1'-Biphenyl	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	91-58-7	2-Chloronaphthalene	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	88-74-4	2-Nitroaniline	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	131-11-3	Dimethylphthalate	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	606-20-2	2,6-Dinitrotoluene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	208-96-8	Acenaphthylene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	99-09-2	3-Nitroaniline	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	83-32-9	Acenaphthene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	51-28-5	2,4-Dinitrophenol	380	U*	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	100-02-7	4-Nitrophenol	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	132-64-9	Dibenzofuran	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	121-14-2	2,4-Dinitrotoluene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	84-66-2	Diethylphthalate	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	86-73-7	Fluorene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	7005-72-3	4-Chlorophenyl-phenyl ether	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	100-01-6	4-Nitroaniline	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	534-52-1	4,6-Dinitro-2-methylphenol	380	U*	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	86-30-6	N-Nitrosodiphenylamine	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	101-55-3	4-Bromophenyl-phenylether	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	118-74-1	Hexachlorobenzene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	1912-24-9	Atrazine	380	U*	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	87-86-5	Pentachlorophenol	380	U*	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	85-01-8	Phenanthrene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	120-12-7	Anthracene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	86-74-8	Carbazole	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	84-74-2	Di-n-butylphthalate	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	206-44-0	Fluoranthene	380	U*	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	129-00-0	Pyrene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	85-68-7	Butylbenzylphthalate	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	91-94-1	3,3'-Dichlorobenzidine	380	U*	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	56-55-3	Benzo(a)anthracene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	218-01-9	Chrysene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	117-84-0	Di-n-octylphthalate	380	U	ug/kg	380	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	205-99-2	Benzo(b)fluoranthene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	207-08-9	Benzo(k)fluoranthene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	50-32-8	Benzo(a)pyrene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	193-39-5	Indeno(1,2,3-cd)pyrene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	53-70-3	Dibenzo(a,h)anthracene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	191-24-2	Benzo(g,h,i)perylene	200	U*	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17	QL11018-013	S	12/23/2015	15:34:00	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	ug/kg	200	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	91-20-3	Naphthalene	84	UM	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	91-57-6	2-Methylnaphthalene	110	UM	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	208-96-8	Acenaphthylene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	86-73-7	Fluorene	39	U	ug/kg	39	12/08/2015	WIL-14

45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	87-86-5	Pentachlorophenol	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	85-01-8	Phenanthrene	35	LJ	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	120-12-7	Anthracene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	129-00-0	Pyrene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	218-01-9	Chrysene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	205-99-2	Benzo(b)fluoranthene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	132-64-9	Dibenzofuran	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	88-06-2	2,4,6-Trichlorophenol	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	91-94-1	3,3'-Dichlorobenzidine	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	87-68-3	Hexachlorobutadiene	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	106-47-8	4-Chloroaniline	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	51-28-5	2,4-Dinitrophenol	750	U	ug/kg	750	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	111-44-4	bis(2-Chloroethyl)ether	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	108-60-1	2,2'-Oxybis(1-chloropropane)	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	67-72-1	Hexachloroethane	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	98-95-3	Nitrobenzene	75	U	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	534-52-1	4,6-Dinitro-2-methylphenol	75	UJ	ug/kg	75	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/08/2015	WIL-14
45671	F6R05	F6R17 (SIM)	QL11018-013	S	12/18/2015	22:43:00	1912-24-9	Atrazine	75	U	ug/kg	75	12/08/2015	WIL-14

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 45671 SDG No. F6R05 SDG Nos. To Follow Mod. Ref No. 2544.1 Date Rec. 01/05/16

EPA Lab ID: EQI

Lab Location: W. Columbia, SC

Region: 6 Audit No.: 45671/F6R05

Re_Submitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

11. The airbill with the number 859483220395 was not submitted. The laboratory was contacted for this matter.

14./15. Sample tags were not used for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?		X	
12. Signed?			X
13. Dated?			X
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: L. Hoffman / ESAT Data Reviewer Date 01/06/16

Audited by: Date

Signature Printed Name/Title

DC-2__

In Reference To: (O-1318)
Case No: 45671 SDG(s): F6R05

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	EQI
Lab Contact:	Robert Zhu
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Linda Hoffman - ESAT

In reference to data for the fraction(s):

CSF Issues LMVOA SVOA/SVOA-SIM

Summary of Questions/Issues:

CSF Issues

1. On Form DC-1 (p. 12), the SDG number correction was not initialed and dated. Please add the contract-required information and resubmit this page with proper pagination.

2. The airbill with the number 859483220395 was not submitted. Please submit this contract-required document with proper pagination.

3. The Manual Integration Report (pp. 24-28), SVOA Prep Batch sheets (pp. 1892-1894), and SOVA-SIM Prep Batch sheets (pp. 2287-2289) were not paginated. Please resubmit these pages with the appropriate pagination.

LMVOA

1. The "Level" should be "MED" for Form 6A (pages 830, 831, 851, 852, 880, 881, 911, and 912), Form 7A (pages 993, 994, 1000, 1001, 1007, 1008, 1015, 1016, 1023, and 1024), and Form 8A (pages 65-68). Please correct and resubmit these pages with proper pagination.

2. The manual integrations were not initialed and dated on the quantitation reports although this is required by the SOW (SOM02.3, p. B-16, sec. 2.4.7.2.4.3). Please initial and date the "M" flags on all quantitation report pages and resubmit these pages with proper pagination.

Resubmission Request

Continuation Page: 2
Laboratory/Contact: EQI/Robert Zhu
In Reference to Case No.: 45671 **SDG:** F6R05

SVOA/SVOA-SIM

1. **SVOA-SIM** For Form 8A (pages 1913-1916), the IS3 should be phenanthrene-d10 and results for IS6 (1,4-Dichlorobenzene-d4) were omitted for all samples. Please correct and resubmit these pages with proper pagination.

2. **SVOA-SIM** The manual integrations were not initialed and dated on the quantitation reports although this is required by the SOW (SOM02.3, p. B-16, sec. 2.4.7.2.4.3). Please initial and date the "M" flags on all quantitation report pages and resubmit these pages with proper pagination.

3. **SVOA and SVOA-SIM** The recoveries for 1,4-Dioxane-d8 (DMC1) were outside the QC limits for SVOA method blank SBLK19 and SVOA-SIM method blanks SBLK02 and SBLK38 and for bis(2-chloroethyl)ether-d8 (DMC4) for SVOA-SIM method blank SBLK02, but contract required reanalyses and/or re-extractions (SOM02.3, p. D-54/SVOA, sec. 12.1.2.5.2 and D-55/SVOA, sec. 12.1.2.6.3) were not performed. Please submit additional information or explain.

NOTE: Any laboratory resubmission should be submitted either as an addendum to the original CSF with a revised Form DC-2 or submitted as a new CSF with a new Form DC-2 except for replacement pages (SOM02.3, p. B-11, sec. 2.2.2). Custody seals are required only for regular mail shipments.

Please respond to the above items **within 5 business days** (SOM02.3, p. B-11, sec. 2.2.1) by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

~~F6R06~~

F6R05 12/17/15

USEPA CLP COC (LAB COPY)

DateShipped: 12/7/2015
CarrierName: FedEx
AirbillNo: 8594 8322 0421

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: EPW14035

No: 6-120715-174850-0006

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0006	F6R05	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1042 (4 C), 1043 (4 C), 1044 (4 C), 1045 (4 C) (4)	WIL-30	12/07/2015 09:45	
277-0007	F6R06	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1049 (4 C), 1050 (4 C), 1051 (4 C), 1052 (4 C) (4)	WIL-29	12/07/2015 10:30	
277-0008	F6R07	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1056 (4 C), 1057 (4 C), 1058 (4 C), 1059 (4 C) (4)	WIL-05	12/07/2015 12:20	
277-0009	F6R08	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1063 (4 C), 1064 (4 C), 1065 (4 C), 1066 (4 C) (4)	WIL-25	12/07/2015 14:40	
277-0010	F6R09	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1070 (4 C), 1071 (4 C), 1072 (4 C), 1073 (4 C) (4)	TF-11-03	12/07/2015 16:15	

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: VOAs=VOA by SOM02.3 (soils), %Moist=Percent Moisture Determination

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	LM SERAS	12/7/15 17:00			
				12-8-15/1000	OK

T=14°

Page 5 of 62

5

~~F6R00~~

USEPA CLP COC (LAB COPY)
DateShipped: 12/8/2015
CarrierName: FedEx
AirbillNo: 859483220400

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #:

F6R05

EPU14035

No: 6-120815-175839-0007
Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0011	F6R10	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1077 (4 C), 1078 (4 C), 1079 (4 C), 1080 (4 C) (4)	TF-11-05	12/08/2015 08:40	
277-0012	F6R11	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1084 (4 C), 1085 (4 C), 1086 (4 C), 1087 (4 C) (4)	TF-12-01	12/08/2015 09:50	
277-0013	F6R12	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1091 (4 C), 1092 (4 C), 1093 (4 C), 1094 (4 C) (4)	TF-12-05	12/08/2015 11:15	
277-0014	F6R13	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1098 (4 C), 1099 (4 C), 1100 (4 C), 1101 (4 C) (4)	FD-02	12/08/2015 11:15	
277-0015	F6R14	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1105 (4 C), 1106 (4 C), 1107 (4 C), 1108 (4 C) (4)	TF-12-06	12/08/2015 12:10	
277-0016	F6R15	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1112 (4 C), 1113 (4 C), 1114 (4 C), 1115 (4 C) (4)	WIL-20	12/08/2015 15:00	
277-0017	F6R16	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1119 (4 C), 1120 (4 C), 1121 (4 C), 1122 (4 C) (4)	WIL-35	12/08/2015 15:25	
277-0018	F6R17	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1126 (4 C), 1127 (4 C), 1128 (4 C), 1129 (4 C) (4)	WIL-14	12/08/2015 16:30	

Page 57 of 62

Special Instructions:	**Shipment for Case Complete? N**
	Samples Transferred From Chain of Custody #

Analysis Key: VOAs=VOA by SOM02.3 (soils), %Moist=Percent Moisture Determination

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL ANALYSIS	LMSERAS	12/8/15 1700			
				12-9-15/1030	OK

T=3.6

~~F6R00~~

F6R05

USEPA CLP COC (LAB COPY)

DateShipped: 12/8/2015
CarrierName: FedEx
AirbillNo: 859483220042

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #:

EPW14035

No: 6-120815-181449-0009

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0006	F6R05	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1046 (4 C), 1047 (4 C) (2)	WIL-30	12/07/2015 09:45	
277-0007	F6R06	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1053 (4 C), 1054 (4 C) (2)	WIL-29	12/07/2015 10:30	
277-0008	F6R07	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1060 (4 C), 1061 (4 C) (2)	WIL-05	12/07/2015 12:20	
277-0009	F6R08	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1067 (4 C), 1068 (4 C) (2)	WIL-25	12/07/2015 14:40	
277-0010	F6R09	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1074 (4 C), 1075 (4 C) (2)	TF-11-03	12/07/2015 16:15	
277-0011	F6R10	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1081 (4 C), 1082 (4 C) (2)	TF-11-05	12/08/2015 08:40	
277-0012	F6R11	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1088 (4 C), 1089 (4 C) (2)	TF-12-01	12/08/2015 09:50	
277-0013	F6R12	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1095 (4 C), 1096 (4 C) (2)	TF-12-05	12/08/2015 11:15	
277-0014	F6R13	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1102 (4 C), 1103 (4 C) (2)	FD-02	12/08/2015 11:15	
277-0015	F6R14	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1109 (4 C), 1110 (4 C) (2)	TF-12-06	12/08/2015 12:10	

Page 58 of 62

Special Instructions:	**Shipment for Case Complete? N**
	Samples Transferred From Chain of Custody #

Analysis Key: SVOAs/SVOASIMs=SVOA/SVOASIM by SOM02.3 and MA#2544.1 (Soils)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	LM SERAS	12/8/15 17:20			
			Kelly	12-9-15 1030	OK

T=3.0°

4

~~F0R00~~

F6R05

USEPA CLP COC (LAB COPY)

DateShipped: 12/8/2015
CarrierName: FedEx
AirbillNo: 859483220042

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: EPW14035

No: 6-120815-181449-0009

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0016	F6R15	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1116 (4 C), 1117 (4 C) (2)	WIL-20	12/08/2015 15:00	
277-0017	F6R16	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1123 (4 C), 1124 (4 C) (2)	WIL-35	12/08/2015 15:25	
277-0018	F6R17	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1130 (4 C), 1131 (4 C) (2)	WIL-14	12/08/2015 16:30	

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: SVOAs/SVOASIMs=SVOA/SVOASIM by SOM02.3 and MA#2544.1 (Soils)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL/ANALYSIS	LMSERAS	12/8/15 17:20			
				12-9-15/1030	OK

T= 3.0°

Page 59 of 62

8

F6R05
~~F6R0~~ 12/11/15

..SEPA CLP COC (LAB COPY)

DateShipped: 12/10/2015
CarrierName: FedEx
AirbillNo: 859483220395

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #:

No: 6-121015-175955-0011

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0020	F6R19	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1140 (4 C), 1141 (4 C), 1142 (4 C), 1143 (4 C) (4)	P-03-SAND	12/10/2015 14:50	
277-0021	F6R20	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1147 (4 C), 1148 (4 C), 1149 (4 C), 1150 (4 C) (4)	WIL-AA-10	12/10/2015 12:50	
277-0022	F6R21	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1154 (4 C), 1155 (4 C), 1156 (4 C), 1157 (4 C) (4)	WIL-AA-11	12/10/2015 13:55	
277-0024	F6R23	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1168 (4 C), 1169 (4 C), 1170 (4 C), 1171 (4 C) (4)	WIL-41	12/10/2015 10:50	

Page 6 of 62

Special Instructions:	Shipment for Case Complete? N Samples Transferred From Chain of Custody #
Analysis Key: VOAs=VOA by SOM02.3 (soils), %Moist=Percent Moisture Determination	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
AW/ANALYSIS	[signature] LM SERAS	12/10/15 17:00			
			[signature]	12/11/15 1030	OK

SDG F6R05 filling sample T=4.6

9

Date: 11/09/2015	MA: 2544.1	Title: SVOA SIM Analysis with Additional Analytes and at Lower CRQLs
Method Source: SOM02.3	Method: Semivolatiles by SIM	
Matrix: Soil and Water		

Summary of Modification

The purpose of this modified analysis is to analyze soil and water samples using Selective Ion Monitoring (SIM) for the complete target analyte list (TAL) specified for SVOA SIM in Exhibit C with additional SVOA SIM target analytes at the specified CRQLs in Section I. The Laboratory shall proceed to the SVOA SIM analysis for any sample analyzed by the full scan analysis with any of the analytes in Section I that is either not detected or detected at concentration below the adjusted CRQL in the full scan analysis (reported with either "U" or "J" Lab Qualifier). Unless specified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications Not applicable ☐

Analyte	CAS Number	Water CRQL (ug/L)	Soil CRQL (ug/kg)
Naphthalene	91-20-3	0.050	1.7
2-Methylnaphthalene	91-57-6	0.050	1.7
Acenaphthylene	208-96-8	0.050	1.7
Acenaphthene	83-32-9	0.050	1.7
Fluorene	86-73-7	0.050	1.7
Pentachlorophenol	87-86-5	0.10	3.3
Phenanthrene	85-01-8	0.050	1.7
Anthracene	120-12-7	0.050	1.7
Fluoranthene	206-44-0	0.050	1.7
Pyrene	129-00-0	0.050	1.7
Benzo (a) anthracene	56-55-3	0.050	1.7
Chrysene	218-01-9	0.050	1.7
Benzo (b) fluoroanthene	205-99-2	0.050	1.7
Benzo (k) fluoroanthene	207-08-9	0.050	1.7
Benzo (a) pyrene	50-32-8	0.050	1.7
Indeno (1,2,3-cd) pyrene	193-39-5	0.050	1.7

Dibenzo(a,h)anthracene	53-70-3	0.050	1.7
Benzo(g,h,i)perylene	191-24-2	0.050	1.7
1, 4-Dioxane*	123-91-1	0.10	3.3
Bis (2-chloroethyl) ether*	111-44-4	0.10	3.3
2,2'-Oxybis (1-chloropropane)*	108-60-1	0.10	3.3
N-Nitroso-di-n propylamine*	621-64-7	0.050	1.7
Hexachloroethane*	67-72-1	0.10	3.3
Nitrobenzene*	98-95-3	0.10	3.3
4-Chloroaniline*	106-47-8	0.10	3.3
Hexachlorobutadiene*	87-68-3	0.10	3.3
2,4,6-Trichlorophenol*	88-06-2	0.10	3.3
1,1'-Biphenyl*	92-52-4	0.050	1.7
2,6-Dinitrotoluene*	606-20-2	0.050	1.7
2,4-Dinitrophenol*	51-28-5	1.0	33
Dibenzofuran*	132-64-9	0.050	1.7
2,4-Dinitrotoluene*	121-14-2	0.050	1.7
4,6-Dinitro-2-methylphenol*	534-52-1	0.10	3.3
1,2,4,5-Tetrachlorobenzene*	95-94-3	0.10	3.3
Hexachlorobenzene*	118-74-1	0.050	1.7
Atrazine*	1912-24-9	0.10	3.3
3,3'-Dichlorobenzidine*	91-94-1	0.10	3.3

**Designated as additional target analyte.*

ADDENDUM

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

HoldingTimes_Preservation

Method - Volatile Organics

Test Name: EXES-1516
Defect Message: The following non-aqueous samples are properly preserved and analysis is outside the technical holding time. Detects are qualified as estimated low J. Nondetects are qualified as unusable R.

Associated Samples: F6R19, F6R20, F6R21, F6R23

	F6R21, F6R20, F6R23, F6R19

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

TUNE

NONE FOUND

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

InitialCalibration

Method - Volatile Organics

Test Name: EXES-793
Defect Message: The following samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detects are qualified as estimated J. Use professional judgment to qualify nondetects.

Associated Samples: F6R23, VBLKPE

Bromochloromethane	VSTD005PE
1,2,4-Trichlorobenzene	VSTD005PE

Test Name: EXES-989
Defect Message: The following samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detects are qualified as estimated J+. Nondetects are qualified as unusable R.

Associated Samples: F6R05, F6R06, F6R08, F6R09, VBLKNH

1,1,2-Trichloroethane	VSTD005NH

Method - Semivolatiles

Test Name: EXES-793
Defect Message: The following samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detects are qualified as estimated J. Use professional judgment to qualify nondetects.

Associated Samples: F6R05, F6R06, F6R06RX, F6R07, F6R08, F6R09, F6R10, F6R11, F6R12, F6R13, F6R14, F6R15, F6R16, F6R17, SBLK19, SBLK46

2,6-Dinitrotoluene	SSTD005NG
2,4-Dinitrotoluene	SSTD005NG
2,3,4,6-Tetrachlorophenol	SSTD005NG

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

ContinuingCalibrationVerification

Method - Volatile Organics

Test Name: EXES-1209
Defect Message: The following samples are associated with an opening or closing CCV with % Difference exceeding criteria. Detecteds are qualified as estimated J. Nondetects are qualified as estimated UJ.

Associated Samples: F6R05, F6R06, F6R09, F6R10, F6R11, F6R12, F6R13, F6R16, F6R23, VBLKPE, VBLKQV

Vinyl chloride	VSTD050QZ
Chloroethane	VSTD050QA

Method - Semivolatiles by SIM

Test Name: EXES-1209
Defect Message: The following samples are associated with an opening or closing CCV with % Difference exceeding criteria. Detecteds are qualified as estimated J. Nondetects are qualified as estimated UJ.

Associated Samples: F6R05RX, F6R06RX, F6R16RX, SBLK02, SBLK38

Acenaphthene	SSTD0.2PC

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Blanks

Method - Volatile Organics

Test Name: EXES-1167
Defect Message: The following samples have the same tentatively identified compounds (TIC) detected as in the associated storage blank. TIC results reported in the associated storage blank exceed concentration criteria. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R05, F6R06, F6R07, F6R08, F6R09, F6R10, F6R11, F6R12, F6R13, F6R15, F6R16, F6R20, F6R21, F6R23

Unknown-01	F6R21, F6R20, F6R08, F6R06, F6R10, F6R12, F6R09, F6R11, F6R13, F6R16, F6R23, F6R05, F6R07, F6R15

Test Name: EXES-1171
Defect Message: The following samples have the same tentatively identified compounds (TIC) detected as in the associated method blank. TIC results reported in the associated method blank exceed concentration criteria. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R15, F6R20, F6R21

Unknown-01	F6R21, F6R15, F6R20

Test Name: EXES-1174
Defect Message: The following samples were analyzed after a highly contaminated sample and have no preceding instrument blank. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R05

Dichlorodifluoromethane	F6R05
Chloromethane	F6R05
Vinyl chloride	F6R05
Bromomethane	F6R05
Chloroethane	F6R05
Trichlorofluoromethane	F6R05
1,1-Dichloroethene	F6R05
1,1,2-Trichloro-1,2,2-Trifluoroethane	F6R05
Acetone	F6R05
Carbon disulfide	F6R05

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-1174
Defect Message: The following samples were analyzed after a highly contaminated sample and have no preceding instrument blank. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R05

Methyl acetate	F6R05
Methylene chloride	F6R05
trans-1,2-Dichloroethene	F6R05
Methyl tert-butyl ether	F6R05
1,1-Dichloroethane	F6R05
cis-1,2-Dichloroethene	F6R05
2-Butanone	F6R05
Bromochloromethane	F6R05
Chloroform	F6R05
1,1,1-Trichloroethane	F6R05
Cyclohexane	F6R05
Carbon tetrachloride	F6R05
Benzene	F6R05
1,2-Dichloroethane	F6R05
Trichloroethene	F6R05
1,2-Dichloropropane	F6R05
Bromodichloromethane	F6R05
cis-1,3-Dichloropropene	F6R05
4-Methyl-2-pentanone	F6R05
Toluene	F6R05
trans-1,3-Dichloropropene	F6R05
1,1,2-Trichloroethane	F6R05
Tetrachloroethene	F6R05
2-Hexanone	F6R05
Dibromochloromethane	F6R05
1,2-Dibromoethane	F6R05
Chlorobenzene	F6R05
Ethylbenzene	F6R05
m, p-Xylene	F6R05
Styrene	F6R05
Bromoform	F6R05
Isopropylbenzene	F6R05
1,1,2,2-Tetrachloroethane	F6R05
1,3-Dichlorobenzene	F6R05
1,4-Dichlorobenzene	F6R05
1,2-Dichlorobenzene	F6R05
1,2-Dibromo-3-chloropropane	F6R05

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-1174
Defect Message: The following samples were analyzed after a highly contaminated sample and have no preceding instrument blank. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R05

1,2,4-Trichlorobenzene	F6R05
1,2,3-Trichlorobenzene	F6R05

Method - Semivolatiles

Test Name: EXES-1170
Defect Message: The following samples have the same tentatively identified compounds (TIC) detected as in the associated method blank. TIC results reported in the associated method blank exceed concentration criteria. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R06RX

Unknown-01	F6R06RX
Unknown-02	F6R06RX

Method - Semivolatiles by SIM

Test Name: EXES-1101
Defect Message: The following samples have analyte results reported less than CRQLs. The associated method blank results are greater than or equal to CRQLs. Detects are qualified U. Sample results have been reported at CRQLs.

Associated Samples: F6R08

Naphthalene	F6R08

Test Name: EXES-1123
Defect Message: The following samples have analyte results reported greater than or equal to CRQLs and greater than or equal to the method blank results. The associated method blank results are greater than or equal to CRQLs. Detects are not qualified. Use professional judgment to qualify data.

Associated Samples: F6R05, F6R06, F6R07, F6R08, F6R09, F6R10, F6R11, F6R12, F6R13, F6R15, F6R16, F6R17

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-1123
Defect Message: The following samples have analyte results reported greater than or equal to CRQLs and greater than or equal to the method blank results. The associated method blank results are greater than or equal to CRQLs. Detects are not qualified. Use professional judgment to qualify data.

Associated Samples: F6R05, F6R06, F6R07, F6R08, F6R09, F6R10, F6R11, F6R12, F6R13, F6R15, F6R16, F6R17

Naphthalene	F6R05, F6R09, F6R06, F6R15, F6R17, F6R16, F6R10, F6R07, F6R12, F6R11, F6R13
2-Methylnaphthalene	F6R07, F6R16, F6R09, F6R06, F6R08, F6R12, F6R11, F6R15, F6R13, F6R17, F6R05, F6R10

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

DMC_Surrogate

Method - Volatile Organics

Test Name: EXES-1350
Defect Message: The following samples have DMC/surrogate percent recoveries less than the primary minimum criteria but greater than or equal to the expanded minimum criteria. Detects are qualified as estimated J-. Nondetects are qualified as estimated UJ.

Associated Samples: F6R09, F6R12, F6R14, F6R15, F6R16, F6R21, F6R23

1,1-Dichloroethene-d2	F6R12
1,2-Dichloroethane-d4	F6R23, F6R12, F6R15, F6R14
1,2-Dichloropropane-d6	F6R14, F6R12, F6R15, F6R16
trans-1,3-Dichloropropene-d4	F6R09
1,1,2,2-Tetrachloroethane-d2	F6R21, F6R12
1,2-Dichlorobenzene-d4	F6R14, F6R15, F6R12

Test Name: EXES-787
Defect Message: The following samples have DMC/surrogate percent recoveries less than the expanded minimum criteria. Detects are qualified as estimated J-. Nondetects are qualified as unusable R.

Associated Samples: F6R05, F6R09

2-Hexanone-d5	F6R05
1,2-Dichlorobenzene-d4	F6R09

Test Name: EXES-973
Defect Message: The following method blanks have DMC/surrogate percent recoveries outside criteria. Detects are not qualified. Nondetects are not qualified. Use professional judgment to qualify data.

Associated Samples: VBLKQV

Vinyl Chloride-d3	VBLKQV

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-982
Defect Message: The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified as estimated J+. Use professional judgment to qualify nondetects.

Associated Samples: F6R05, F6R06, F6R09, F6R10, F6R23, VIBLK03

Benzene-d6	VIBLK03
1,2-Dichloropropane-d6	F6R05, F6R23, F6R10
Toluene-d8	F6R23, F6R09
trans-1,3-Dichloropropene-d4	F6R23, F6R06
2-Hexanone-d5	F6R23
1,1,2,2-Tetrachloroethane-d2	F6R06

Method - Semivolatiles

Test Name: EXES-1346
Defect Message: The following samples have DMC/surrogate percent recoveries less than the primary minimum criteria. Detects are qualified as estimated J-. Nondetects are qualified as estimated UJ.

Associated Samples: F6R11

4,6-Dinitro-2-methylphenol-d2	F6R11

Test Name: EXES-973
Defect Message: The following method blanks have DMC/surrogate percent recoveries outside criteria. Detects are not qualified. Nondetects are not qualified. Use professional judgment to qualify data.

Associated Samples: SBLK19

1,4-Dioxane-d8	SBLK19

Test Name: EXES-982
Defect Message: The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified as estimated J+. Use professional judgment to qualify nondetects.

Associated Samples: F6R05, F6R06, F6R06RX

4-Chloroaniline-d4	F6R06RX, F6R05, F6R06

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-982
Defect Message: The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified as estimated J+. Use professional judgment to qualify nondetects.

Associated Samples: F6R05, F6R06, F6R06RX

4-Nitrophenol-d4	F6R06

Method - Semivolatiles by SIM

Test Name: EXES-787
Defect Message: The following samples have DMC/surrogate percent recoveries less than the expanded minimum criteria. Detects are qualified as estimated J-. Nondetects are qualified as unusable R.

Associated Samples: F6R05, F6R06, F6R10, F6R11, F6R12, F6R13, F6R14, F6R16

Fluoranthene-d10	F6R10, F6R05, F6R12, F6R16, F6R06, F6R13
2-Methylnaphthalene-d10	F6R13, F6R14, F6R11, F6R12, F6R05, F6R06, F6R10

Test Name: EXES-982
Defect Message: The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified as estimated J+. Use professional judgment to qualify nondetects.

Associated Samples: F6R05RX, F6R06RX, F6R07, F6R08, F6R09, F6R11, F6R16, F6R16RX, F6R17

Fluoranthene-d10	F6R05RX, F6R16RX, F6R11, F6R08, F6R09
2-Methylnaphthalene-d10	F6R16, F6R07, F6R09, F6R05RX, F6R06RX, F6R17, F6R08

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

MatrixSpikes

NONE FOUND

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

InternalStandard

NONE FOUND

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

PercentSolids

NONE FOUND

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

SampleAnalysis

NONE FOUND

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

DetectionLimit

Method - Volatile Organics

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.

Associated Samples: F6R05, F6R08, F6R10, F6R11, F6R12, F6R15, F6R16, F6R17, F6R20, F6R21, F6R23

Acetone	F6R17
Methylene chloride	F6R05, F6R08
Benzene	F6R16, F6R15, F6R21, F6R20
1,2-Dichloropropane	F6R16
Toluene	F6R16
o-Xylene	F6R23, F6R21
Isopropylbenzene	F6R20, F6R11, F6R12, F6R10

Method - Semivolatiles

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.

Associated Samples: F6R05, F6R06, F6R06RX, F6R07, F6R09, F6R10, F6R11, F6R12, F6R13, F6R14, F6R15, F6R16, F6R17

Naphthalene	F6R05, F6R15, F6R07, F6R17, F6R16
2-Methylnaphthalene	F6R07, F6R17, F6R12, F6R13, F6R11, F6R09, F6R10, F6R15, F6R16
1,1'-Biphenyl	F6R06
Acenaphthene	F6R06RX
Fluorene	F6R06RX
Phenanthrene	F6R05, F6R15, F6R06RX
Anthracene	F6R16, F6R06RX
Carbazole	F6R16
Di-n-butylphthalate	F6R14

Data Validation Report

Data Review Results

Wed, 6 Jan 2016 17:06:21

Lab Code: EQI	SDG: F6R05	Contract: EPW14035	Submission Group Id: 30115556
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.

Associated Samples: F6R05, F6R06, F6R06RX, F6R07, F6R09, F6R10, F6R11, F6R12, F6R13, F6R14, F6R15, F6R16, F6R17

Fluoranthene	F6R16, F6R06
Pyrene	F6R15, F6R06RX, F6R05
Benzo(a)anthracene	F6R16, F6R06
Chrysene	F6R15, F6R06
Benzo(b)fluoranthene	F6R06, F6R16
Benzo(a)pyrene	F6R06, F6R16

Method - Semivolatiles by SIM

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.

Associated Samples: F6R05, F6R05RX, F6R06RX, F6R08, F6R09, F6R10, F6R11, F6R13, F6R15, F6R16RX, F6R17

Naphthalene	F6R08
Acenaphthene	F6R15
Fluorene	F6R15
Phenanthrene	F6R17, F6R08
Anthracene	F6R15
Fluoranthene	F6R10, F6R15, F6R05RX
Benzo(a)anthracene	F6R05RX, F6R10
Chrysene	F6R05RX, F6R11
Benzo(b)fluoranthene	F6R06RX, F6R15, F6R09, F6R13
Benzo(k)fluoranthene	F6R10, F6R16RX, F6R15, F6R05
Benzo(a)pyrene	F6R06RX, F6R10, F6R05RX, F6R15
Indeno(1,2,3-cd)pyrene	F6R05, F6R06RX, F6R15, F6R10
Dibenzo(a,h)anthracene	F6R15, F6R05
Benzo(g,h,i)perylene	F6R06RX, F6R15, F6R05RX
1,1'-Biphenyl	F6R16RX, F6R15, F6R06RX
Dibenzofuran	F6R10, F6R11

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

January 20, 2016

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Katrina Coltrain, Remedial Project Manager (6SF-RL)

Site: **WILCOX OIL**

Case#: **45671**

SDG#: **F6R18**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: January 15, 2016

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Wallace Doong, Data Reviewer, ESAT WD

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-13-026
TO No.:	002
Task/Sub-Task:	2-11
ESAT Doc. No.:	1602-211-0053
TDF No.:	6-16-117A
ESAT File No.:	O-1319

Attached is the data review summary for Case # 45671
SDG # F6R18
Site Wilcox Oil

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099
ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	45671	SITE	Wilcox Oil
LABORATORY	EQI	NO. OF SAMPLES	9
CONTRACT#	EP-W-14-035	MATRIX	Soil
SDG#	F6R18	REVIEWER (IF NOT ESB)	ESAT
SOW#	SOM02.3/MA 2544.1	REVIEWER'S NAME	Wallace Doong
SF#	303DD2GG	COMPLETION DATE	January 15, 2016

SAMPLE NO.					
	F6R18	F6R24	F6R28		
	F6R20	F6R25			
	F6R21	F6R26			
	F6R23	F6R27			

DATA ASSESSMENT SUMMARY

	LMVOA	SVOA	SVOA-SIM
1. HOLDING TIMES	O	O	O
2. GC/MS TUNE/INSTR. PERFORM.	O	O	O
3. CALIBRATIONS	M	O	M
4. BLANKS	O	O	O
5. DMC/SURROGATES	M	O	O
6. MATRIX SPIKE/DUPLICATE/LCS	N/A	N/A	N/A
7. OTHER QC	N/A	N/A	N/A
8. INTERNAL STANDARDS	O	O	M
9. COMPOUND ID/QUANTITATION	O	O	M
10. PERFORMANCE/COMPLETENESS	O	O	O
11. OVERALL ASSESSMENT	M	O	M

O = Data had no problems.
M = Data qualified because of major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREA OF CONCERN: **LMVOA** Chloroethane failed the technical %D calibration criteria. Samples F6R24 and F6R26 had outlying DMC recoveries. **SVOA-SIM** Acenaphthylene, acenaphthene, and fluorene failed the technical %D calibration criteria. Phenanthrene and pyrene exceeded the calibration ranges for sample F6R24RX. Samples F6R25RE and F6R26 had poor IS performance. Some results were inconsistent between the original and re-extracted analyses for samples F6R23, F6R24, and F6R26.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 45671 **SDG** F6R18 **SITE** Wilcox Oil **LAB** EQI

COMMENTS: This SDG consisted of nine soil samples for LMVOA, SVOA, and/or SVOA-SIM analyses following CLP SOW SOM02.3. The samples were also subject to Modified Analysis Request 2544.1 (MA 2544.1), which required the laboratory to analyze the samples for 19 additional compounds and lower CRQLs for the SVOA-SIM analyses. Samples F6R18, F6R20, F6R21, and F6R23 only required SVOA and SVOA-SIM analyses. MS/MSD analyses were not requested for this case.

The SOW requires that the soil sample results be adjusted for moisture content as well as dilution when applicable. The adjusted CRQLs, higher than the CRQLs specified in the SOW and MA 2544.1, were reported by the laboratory and are referred to as SQLs in this report. The target compounds of concern with the required CRQLs are listed in MA 2544.1 (pages 37 and 38 of this report). The target compounds of concern reported at concentrations above the SQLs were dibenzofuran and/or PAHs in SVOA/SVOA-SIM samples F6R23, F6R24, F6R25, and F6R26.

LMVOA Because of high matrix background, the laboratory analyzed samples F6R24, F6R25, F6R26, and F6R27 at the medium level (5 gm). The laboratory also diluted (10X) and reanalyzed sample F6R24 because of high methylcyclohexane and xylenes concentrations.

SVOA Because of high matrix background and high concentrations of phenols and/or PAHs, all samples except samples F6R18 and F6R28, were concentrated to a larger final extract volume and/or analyzed at dilution (up to 20X).

SVOA-SIM All samples were originally analyzed at the low level with dilution (up to 20X) because of high target compound concentrations and/or matrix background. The laboratory may have over-diluted samples F6R18, F6R20, F6R21, and F6R28, which caused elevated SQLs for target compounds of concern. Sample F6R25 was reanalyzed because of unacceptable IS performance. The reanalysis repeated the problem, demonstrating matrix effect. The results for sample F6R25RE were recommended for use because of better IS performance.

Samples F6R23, F6R24, and F6R26 were re-extracted and reanalyzed at the medium level because of high PAH concentrations and unacceptable IS performance. The reanalyses had better IS performance, but some of the results were inconsistent between the original and re-extracted analyses. To minimize data qualification and favor positive results with higher concentrations, some of the positive results were recommended for use from the reanalyses for samples F6R23, F6R24, and F6R26 and the inconsistent results were qualified accordingly.

S3VEM Review was performed for this package as requested by the Region. For this review option, laboratory contractual compliance and technical usability of the sample results are primarily determined by the EDM CCS Defect Report and NFG Data Review Results Report, respectively. The reviewer performs supplemental hardcopy forms checking and applies Region 6 guidelines, where necessary, to account for known limitations of the electronic review process. Therefore, the reviewer's final assessments may deviate from those found in the EDM reports. The NFG Data Review Results Report for the SDG is attached to this report as an addendum for additional information.

ORGANIC QA REVIEW
CONTINUATION PAGE

CASE 45671 **SDG** F6R18 **SITE** Wilcox Oil **LAB** EQI

OVERALL ASSESSMENT: Some results were qualified for four LMVOA samples and all SVOA-SIM samples because of problems with calibration, DMC recovery, IS performance, and/or compound quantitation. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

The laboratory was contacted for some CSF deliverable and reporting issues (see Resubmission Request). The laboratory response will not impact the DST, so the DST included in this report is the final version.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
EDM	EXES Data Manager
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number

SDG: SDG Number

EPASAMP: EPA Sample Number

LABID: Laboratory File/Sample ID

MATRIX: Sample Matrix

ANDATE: Sample Analysis Date

ANTIME: Sample Analysis Time

CASNUM: Compound CAS Number

ANALYTE: Compound Name

CONC: Compound Concentration

VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)

UNITS: Concentration Units

ADJCRQL: Adjusted Contract Required Quantitation Limit Value

SMPDATE: Sampling Date

STATLOC: Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

N Identification is tentative.

J Estimated value.

L Reported concentration is below the CRQL.

M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.

R Unusable.

^ High biased. Actual concentration may be lower than the concentration reported.

v Low biased. Actual concentration may be higher than the concentration reported.

F+ A false positive exists.

F- A false negative exists.

UJ Estimated quantitation limit.

T Identification is questionable because of absence of other commonly coexisting pesticides.

C Identification of pesticide or Aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).

X Identification of pesticide or Aroclor could not be confirmed by GC/MS when attempted.

***** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-71-8	Dichlorodifluoromethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	74-87-3	Chloromethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-01-4	Vinyl chloride	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	74-83-9	Bromomethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-00-3	Chloroethane	350	UJ	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-69-4	Trichlorofluoromethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-35-4	1,1-Dichloroethene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	67-64-1	Acetone	700	U	ug/kg	700	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-15-0	Carbon disulfide	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	79-20-9	Methyl acetate	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-09-2	Methylene chloride	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	156-60-5	trans-1,2-Dichloroethene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	1634-04-4	Methyl tert-butyl ether	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-34-3	1,1-Dichloroethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	156-59-2	cis-1,2-Dichloroethene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	78-93-3	2-Butanone	700	U	ug/kg	700	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	74-97-5	Bromochloromethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	67-66-3	Chloroform	1200		ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	71-55-6	1,1,1-Trichloroethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	110-82-7	Cyclohexane	13000	J^	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	56-23-5	Carbon tetrachloride	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	71-43-2	Benzene	750	J^	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	107-06-2	1,2-Dichloroethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	79-01-6	Trichloroethene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/21/2015	12:18:00	108-87-2	Methylcyclohexane	32000		ug/kg	3500	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	78-87-5	1,2-Dichloropropane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-27-4	Bromodichloromethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	10061-01-5	cis-1,3-Dichloropropene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	108-10-1	4-Methyl-2-pentanone	700	U	ug/kg	700	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	108-88-3	Toluene	4100	J^	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	10061-02-6	trans-1,3-Dichloropropene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	79-00-5	1,1,2-Trichloroethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	127-18-4	Tetrachloroethene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	591-78-6	2-Hexanone	700	U	ug/kg	700	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	124-48-1	Dibromochloromethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	106-93-4	1,2-Dibromoethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	108-90-7	Chlorobenzene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	100-41-4	Ethylbenzene	9200	J^	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/21/2015	12:18:00	95-47-6	o-Xylene	15000		ug/kg	3500	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/21/2015	12:18:00	179601-23-1	m, p-Xylene	32000		ug/kg	3500	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	100-42-5	Styrene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	75-25-2	Bromoform	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	98-82-8	Isopropylbenzene	3300	J^	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	79-34-5	1,1,2,2-Tetrachloroethane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	541-73-1	1,3-Dichlorobenzene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	106-46-7	1,4-Dichlorobenzene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	95-50-1	1,2-Dichlorobenzene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	96-12-8	1,2-Dibromo-3-chloropropane	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	120-82-1	1,2,4-Trichlorobenzene	350	U	ug/kg	350	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/16/2015	15:15:00	87-61-6	1,2,3-Trichlorobenzene	350	U	ug/kg	350	12/11/2015	TF-34-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-71-8	Dichlorodifluoromethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	74-87-3	Chloromethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-01-4	Vinyl chloride	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	74-83-9	Bromomethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-00-3	Chloroethane	300	UJ	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-69-4	Trichlorofluoromethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-35-4	1,1-Dichloroethene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	67-64-1	Acetone	600	U	ug/kg	600	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-15-0	Carbon disulfide	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	79-20-9	Methyl acetate	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-09-2	Methylene chloride	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	156-60-5	trans-1,2-Dichloroethene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	1634-04-4	Methyl tert-butyl ether	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-34-3	1,1-Dichloroethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	156-59-2	cis-1,2-Dichloroethene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	78-93-3	2-Butanone	600	U	ug/kg	600	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	74-97-5	Bromochloromethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	67-66-3	Chloroform	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	71-55-6	1,1,1-Trichloroethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	110-82-7	Cyclohexane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	56-23-5	Carbon tetrachloride	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	71-43-2	Benzene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	107-06-2	1,2-Dichloroethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	79-01-6	Trichloroethene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	108-87-2	Methylcyclohexane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	78-87-5	1,2-Dichloropropane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-27-4	Bromodichloromethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	10061-01-5	cis-1,3-Dichloropropene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	108-10-1	4-Methyl-2-pentanone	600	U	ug/kg	600	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	108-88-3	Toluene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	10061-02-6	trans-1,3-Dichloropropene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	79-00-5	1,1,2-Trichloroethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	127-18-4	Tetrachloroethene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	591-78-6	2-Hexanone	600	U	ug/kg	600	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	124-48-1	Dibromochloromethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	106-93-4	1,2-Dibromoethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	108-90-7	Chlorobenzene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	100-41-4	Ethylbenzene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	95-47-6	o-Xylene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	179601-23-1	m, p-Xylene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	100-42-5	Styrene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	75-25-2	Bromoform	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	98-82-8	Isopropylbenzene	2700		ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	79-34-5	1,1,2,2-Tetrachloroethane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	541-73-1	1,3-Dichlorobenzene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	106-46-7	1,4-Dichlorobenzene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	95-50-1	1,2-Dichlorobenzene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	96-12-8	1,2-Dibromo-3-chloropropane	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	120-82-1	1,2,4-Trichlorobenzene	300	U	ug/kg	300	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/16/2015	15:58:00	87-61-6	1,2,3-Trichlorobenzene	300	U	ug/kg	300	12/11/2015	LOR-18

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-71-8	Dichlorodifluoromethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	74-87-3	Chloromethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-01-4	Vinyl chloride	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	74-83-9	Bromomethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-00-3	Chloroethane	270	UJ	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-69-4	Trichlorofluoromethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-35-4	1,1-Dichloroethene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	67-64-1	Acetone	540	U	ug/kg	540	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-15-0	Carbon disulfide	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	79-20-9	Methyl acetate	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-09-2	Methylene chloride	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	156-60-5	trans-1,2-Dichloroethene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	1634-04-4	Methyl tert-butyl ether	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-34-3	1,1-Dichloroethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	156-59-2	cis-1,2-Dichloroethene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	78-93-3	2-Butanone	540	U	ug/kg	540	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	74-97-5	Bromochloromethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	67-66-3	Chloroform	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	71-55-6	1,1,1-Trichloroethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	110-82-7	Cyclohexane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	56-23-5	Carbon tetrachloride	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	71-43-2	Benzene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	107-06-2	1,2-Dichloroethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	79-01-6	Trichloroethene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	108-87-2	Methylcyclohexane	2400	J^	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	78-87-5	1,2-Dichloropropane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-27-4	Bromodichloromethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	10061-01-5	cis-1,3-Dichloropropene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	108-10-1	4-Methyl-2-pentanone	540	U	ug/kg	540	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	108-88-3	Toluene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	10061-02-6	trans-1,3-Dichloropropene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	79-00-5	1,1,2-Trichloroethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	127-18-4	Tetrachloroethene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	591-78-6	2-Hexanone	540	U	ug/kg	540	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	124-48-1	Dibromochloromethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	106-93-4	1,2-Dibromoethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	108-90-7	Chlorobenzene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	100-41-4	Ethylbenzene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	95-47-6	o-Xylene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	179601-23-1	m, p-Xylene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	100-42-5	Styrene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	75-25-2	Bromoform	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	98-82-8	Isopropylbenzene	1500		ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	79-34-5	1,1,2,2-Tetrachloroethane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	541-73-1	1,3-Dichlorobenzene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	106-46-7	1,4-Dichlorobenzene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	95-50-1	1,2-Dichlorobenzene	300		ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	96-12-8	1,2-Dibromo-3-chloropropane	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	120-82-1	1,2,4-Trichlorobenzene	270	U	ug/kg	270	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/16/2015	16:41:00	87-61-6	1,2,3-Trichlorobenzene	270	U	ug/kg	270	12/11/2015	FD-03

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-71-8	Dichlorodifluoromethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	74-87-3	Chloromethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-01-4	Vinyl chloride	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	74-83-9	Bromomethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-00-3	Chloroethane	310	UJ	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-69-4	Trichlorofluoromethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-35-4	1,1-Dichloroethene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	67-64-1	Acetone	620	U	ug/kg	620	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-15-0	Carbon disulfide	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	79-20-9	Methyl acetate	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-09-2	Methylene chloride	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	156-60-5	trans-1,2-Dichloroethene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	1634-04-4	Methyl tert-butyl ether	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-34-3	1,1-Dichloroethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	156-59-2	cis-1,2-Dichloroethene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	78-93-3	2-Butanone	620	U	ug/kg	620	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	74-97-5	Bromochloromethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	67-66-3	Chloroform	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	71-55-6	1,1,1-Trichloroethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	110-82-7	Cyclohexane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	56-23-5	Carbon tetrachloride	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	71-43-2	Benzene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	107-06-2	1,2-Dichloroethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	79-01-6	Trichloroethene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	108-87-2	Methylcyclohexane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	78-87-5	1,2-Dichloropropane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-27-4	Bromodichloromethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	10061-01-5	cis-1,3-Dichloropropene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	108-10-1	4-Methyl-2-pentanone	620	U	ug/kg	620	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	108-88-3	Toluene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	10061-02-6	trans-1,3-Dichloropropene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	79-00-5	1,1,2-Trichloroethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	127-18-4	Tetrachloroethene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	591-78-6	2-Hexanone	620	U	ug/kg	620	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	124-48-1	Dibromochloromethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	106-93-4	1,2-Dibromoethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	108-90-7	Chlorobenzene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	100-41-4	Ethylbenzene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	95-47-6	o-Xylene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	179601-23-1	m, p-Xylene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	100-42-5	Styrene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	75-25-2	Bromoform	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	98-82-8	Isopropylbenzene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	79-34-5	1,1,2,2-Tetrachloroethane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	541-73-1	1,3-Dichlorobenzene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	106-46-7	1,4-Dichlorobenzene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	95-50-1	1,2-Dichlorobenzene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	96-12-8	1,2-Dibromo-3-chloropropane	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	120-82-1	1,2,4-Trichlorobenzene	310	U	ug/kg	310	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/16/2015	17:26:00	87-61-6	1,2,3-Trichlorobenzene	310	U	ug/kg	310	12/11/2015	LOR-25A

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-71-8	Dichlorodifluoromethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	74-87-3	Chloromethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-01-4	Vinyl chloride	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	74-83-9	Bromomethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-00-3	Chloroethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-69-4	Trichlorofluoromethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-35-4	1,1-Dichloroethene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	67-64-1	Acetone	13	U	ug/kg	13	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-15-0	Carbon disulfide	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	79-20-9	Methyl acetate	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-09-2	Methylene chloride	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	156-60-5	trans-1,2-Dichloroethene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	1634-04-4	Methyl tert-butyl ether	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-34-3	1,1-Dichloroethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	156-59-2	cis-1,2-Dichloroethene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	78-93-3	2-Butanone	13	U	ug/kg	13	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	74-97-5	Bromochloromethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	67-66-3	Chloroform	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	71-55-6	1,1,1-Trichloroethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	110-82-7	Cyclohexane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	56-23-5	Carbon tetrachloride	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	71-43-2	Benzene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	107-06-2	1,2-Dichloroethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	79-01-6	Trichloroethene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	108-87-2	Methylcyclohexane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	78-87-5	1,2-Dichloropropane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-27-4	Bromodichloromethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	10061-01-5	cis-1,3-Dichloropropene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	108-10-1	4-Methyl-2-pentanone	13	U	ug/kg	13	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	108-88-3	Toluene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	10061-02-6	trans-1,3-Dichloropropene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	79-00-5	1,1,2-Trichloroethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	127-18-4	Tetrachloroethene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	591-78-6	2-Hexanone	13	U	ug/kg	13	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	124-48-1	Dibromochloromethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	106-93-4	1,2-Dibromoethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	108-90-7	Chlorobenzene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	100-41-4	Ethylbenzene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	95-47-6	o-Xylene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	179601-23-1	m, p-Xylene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	100-42-5	Styrene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	75-25-2	Bromoform	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	98-82-8	Isopropylbenzene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	79-34-5	1,1,2,2-Tetrachloroethane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	541-73-1	1,3-Dichlorobenzene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	106-46-7	1,4-Dichlorobenzene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	95-50-1	1,2-Dichlorobenzene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	96-12-8	1,2-Dibromo-3-chloropropane	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	120-82-1	1,2,4-Trichlorobenzene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/21/2015	19:15:00	87-61-6	1,2,3-Trichlorobenzene	6.3	U	ug/kg	6.3	12/11/2015	LOR-25A

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	123-91-1	1,4-Dioxane	79	U*	ug/kg	79	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	100-52-7	Benzaldehyde	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	108-95-2	Phenol	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	111-44-4	Bis(2-Chloroethyl) ether	370	U*	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	95-57-8	2-Chlorophenol	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	95-48-7	2-Methylphenol	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	108-60-1	2,2'-Oxybis(1-chloropropane)	370	U*	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	98-86-2	Acetophenone	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	106-44-5	4-Methylphenol	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	621-64-7	N-Nitroso-di-n propylamine	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	67-72-1	Hexachloroethane	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	98-95-3	Nitrobenzene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	78-59-1	Isophorone	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	88-75-5	2-Nitrophenol	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	105-67-9	2,4-Dimethylphenol	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	120-83-2	2,4-Dichlorophenol	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	91-20-3	Naphthalene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	106-47-8	4-Chloroaniline	370	U*	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	87-68-3	Hexachlorobutadiene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	105-60-2	Caprolactam	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	91-57-6	2-Methylnaphthalene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	77-47-4	Hexachlorocyclo-pentadiene	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	88-06-2	2,4,6-Trichlorophenol	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	92-52-4	1,1'-Biphenyl	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	91-58-7	2-Chloronaphthalene	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	88-74-4	2-Nitroaniline	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	131-11-3	Dimethylphthalate	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	606-20-2	2,6-Dinitrotoluene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	208-96-8	Acenaphthylene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	99-09-2	3-Nitroaniline	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	83-32-9	Acenaphthene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	51-28-5	2,4-Dinitrophenol	370	U*	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	100-02-7	4-Nitrophenol	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	132-64-9	Dibenzofuran	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	121-14-2	2,4-Dinitrotoluene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	84-66-2	Diethylphthalate	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	86-73-7	Fluorene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	7005-72-3	4-Chlorophenyl-phenyl ether	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	100-01-6	4-Nitroaniline	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	534-52-1	4,6-Dinitro-2-methylphenol	370	U*	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	86-30-6	N-Nitrosodiphenylamine	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	101-55-3	4-Bromophenyl-phenylether	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	118-74-1	Hexachlorobenzene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	1912-24-9	Atrazine	370	U*	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	87-86-5	Pentachlorophenol	370	U*	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	85-01-8	Phenanthrene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	120-12-7	Anthracene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	86-74-8	Carbazole	370	U	ug/kg	370	12/09/2015	P-03-SAND

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	84-74-2	Di-n-butylphthalate	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	206-44-0	Fluoranthene	370	U*	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	129-00-0	Pyrene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	85-68-7	Butylbenzylphthalate	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	91-94-1	3,3'-Dichlorobenzidine	370	U*	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	56-55-3	Benzo(a)anthracene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	218-01-9	Chrysene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	117-84-0	Di-n-octylphthalate	370	U	ug/kg	370	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	205-99-2	Benzo(b)fluoranthene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	207-08-9	Benzo(k)fluoranthene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	50-32-8	Benzo(a)pyrene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	193-39-5	Indeno(1,2,3-cd)pyrene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	53-70-3	Dibenzo(a,h)anthracene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	191-24-2	Benzo(g,h,i)perylene	190	U*	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18	QL12004-001	S	12/23/2015	12:13:00	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg	190	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	91-20-3	Naphthalene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	91-57-6	2-Methylnaphthalene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	208-96-8	Acenaphthylene	39	UJ	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	86-73-7	Fluorene	39	UJ	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	87-86-5	Pentachlorophenol	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	85-01-8	Phenanthrene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	120-12-7	Anthracene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	129-00-0	Pyrene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	218-01-9	Chrysene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	205-99-2	Benzo(b)fluoranthene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	98-95-3	Nitrobenzene	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	67-72-1	Hexachloroethane	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	108-60-1	2,2'-Oxybis(1-chloropropane)	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	111-44-4	bis(2-Chloroethyl)ether	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	51-28-5	2,4-Dinitrophenol	760	U	ug/kg	760	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	91-94-1	3,3'-Dichlorobenzidine	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	1912-24-9	Atrazine	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	534-52-1	4,6-Dinitro-2-methylphenol	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	132-64-9	Dibenzofuran	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	88-06-2	2,4,6-Trichlorophenol	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	106-47-8	4-Chloroaniline	76	U	ug/kg	76	12/09/2015	P-03-SAND
45671	F6R18	F6R18 (SIM)	QL12004-001	S	12/21/2015	10:19:00	87-68-3	Hexachlorobutadiene	76	U	ug/kg	76	12/09/2015	P-03-SAND

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	100-52-7	Benzaldehyde	7500	U	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	108-95-2	Phenol	5100	LJ	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	111-44-4	Bis(2-Chloroethyl) ether	7500	U*	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	95-57-8	2-Chlorophenol	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	95-48-7	2-Methylphenol	28000		ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7500	U*	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	98-86-2	Acetophenone	7500	U	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	106-44-5	4-Methylphenol	27000		ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	621-64-7	N-Nitroso-di-n propylamine	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	67-72-1	Hexachloroethane	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	98-95-3	Nitrobenzene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	78-59-1	Isophorone	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	88-75-5	2-Nitrophenol	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	105-67-9	2,4-Dimethylphenol	50000		ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	111-91-1	Bis(2-chloroethoxy)methane	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	120-83-2	2,4-Dichlorophenol	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	91-20-3	Naphthalene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	106-47-8	4-Chloroaniline	7500	U*	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	87-68-3	Hexachlorobutadiene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	105-60-2	Caprolactam	7500	U	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	59-50-7	4-Chloro-3-methylphenol	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	91-57-6	2-Methylnaphthalene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	77-47-4	Hexachlorocyclo-pentadiene	7500	U	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	88-06-2	2,4,6-Trichlorophenol	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	95-95-4	2,4,5-Trichlorophenol	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	92-52-4	1,1'-Biphenyl	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	91-58-7	2-Chloronaphthalene	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	88-74-4	2-Nitroaniline	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	131-11-3	Dimethylphthalate	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	606-20-2	2,6-Dinitrotoluene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	208-96-8	Acenaphthylene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	99-09-2	3-Nitroaniline	7500	U	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	83-32-9	Acenaphthene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	51-28-5	2,4-Dinitrophenol	7500	U*	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	100-02-7	4-Nitrophenol	7500	U	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	132-64-9	Dibenzofuran	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	121-14-2	2,4-Dinitrotoluene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	84-66-2	Diethylphthalate	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	86-73-7	Fluorene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	7005-72-3	4-Chlorophenyl-phenyl ether	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	100-01-6	4-Nitroaniline	7500	U	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	534-52-1	4,6-Dinitro-2-methylphenol	7500	U*	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	86-30-6	N-Nitrosodiphenylamine	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	101-55-3	4-Bromophenyl-phenylether	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	118-74-1	Hexachlorobenzene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	1912-24-9	Atrazine	7500	U*	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	87-86-5	Pentachlorophenol	7500	U*	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	85-01-8	Phenanthrene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	120-12-7	Anthracene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	86-74-8	Carbazole	7500	U	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	84-74-2	Di-n-butylphthalate	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	206-44-0	Fluoranthene	7500	U*	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	129-00-0	Pyrene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	85-68-7	Butylbenzylphthalate	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	91-94-1	3,3'-Dichlorobenzidine	7500	U*	ug/kg	7500	12/10/2015	WIL-AA-10

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	56-55-3	Benzo(a)anthracene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	218-01-9	Chrysene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	117-81-7	Bis(2-ethylhexyl)phthalate	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	117-84-0	Di-n-octylphthalate	7500	U	ug/kg	7500	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	205-99-2	Benzo(b)fluoranthene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	207-08-9	Benzo(k)fluoranthene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	50-32-8	Benzo(a)pyrene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	193-39-5	Indeno(1,2,3-cd)pyrene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	53-70-3	Dibenzo(a,h)anthracene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	191-24-2	Benzo(g,h,i)perylene	3800	U*	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20	QL12004-002	S	12/22/2015	12:11:00	58-90-2	2,3,4,6-Tetrachlorophenol	3800	U	ug/kg	3800	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	91-20-3	Naphthalene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	91-57-6	2-Methylnaphthalene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	208-96-8	Acenaphthylene	38	UJ	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	83-32-9	Acenaphthene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	86-73-7	Fluorene	38	UJ	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	87-86-5	Pentachlorophenol	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	85-01-8	Phenanthrene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	120-12-7	Anthracene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	206-44-0	Fluoranthene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	129-00-0	Pyrene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	56-55-3	Benzo(a)anthracene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	218-01-9	Chrysene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	205-99-2	Benzo(b)fluoranthene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	207-08-9	Benzo(k)fluoranthene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	50-32-8	Benzo(a)pyrene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	193-39-5	Indeno(1,2,3-cd)pyrene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	53-70-3	Dibenzo(a,h)anthracene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	191-24-2	Benzo(g,h,i)perylene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	91-94-1	3,3'-Dichlorobenzidine	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	51-28-5	2,4-Dinitrophenol	750	U	ug/kg	750	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	123-91-1	1,4-Dioxane	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	111-44-4	bis(2-Chloroethyl)ether	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	108-60-1	2,2'-Oxybis(1-chloropropane)	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	621-64-7	N-Nitrosodi-n-propylamine	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	67-72-1	Hexachloroethane	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	98-95-3	Nitrobenzene	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	106-47-8	4-Chloroaniline	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	87-68-3	Hexachlorobutadiene	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	88-06-2	2,4,6-Trichlorophenol	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	92-52-4	1,1'-Biphenyl	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	606-20-2	2,6-Dinitrotoluene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	121-14-2	2,4-Dinitrotoluene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	132-64-9	Dibenzofuran	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	534-52-1	4,6-Dinitro-2-methylphenol	75	U	ug/kg	75	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	118-74-1	Hexachlorobenzene	38	U	ug/kg	38	12/10/2015	WIL-AA-10
45671	F6R18	F6R20 (SIM)	QL12004-002	S	12/21/2015	10:45:00	1912-24-9	Atrazine	75	U	ug/kg	75	12/10/2015	WIL-AA-10

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	123-91-1	1,4-Dioxane	840	U*	ug/kg	840	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	100-52-7	Benzaldehyde	3900	U	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	108-95-2	Phenol	1300	LJ	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	111-44-4	Bis(2-Chloroethyl) ether	3900	U*	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	95-57-8	2-Chlorophenol	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	95-48-7	2-Methylphenol	6200		ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	108-60-1	2,2'-Oxybis(1-chloropropane)	3900	U*	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	98-86-2	Acetophenone	3900	U	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	106-44-5	4-Methylphenol	5000		ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	621-64-7	N-Nitroso-di-n propylamine	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	67-72-1	Hexachloroethane	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	98-95-3	Nitrobenzene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	78-59-1	Isophorone	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	88-75-5	2-Nitrophenol	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	105-67-9	2,4-Dimethylphenol	7100		ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	111-91-1	Bis(2-chloroethoxy)methane	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	120-83-2	2,4-Dichlorophenol	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	91-20-3	Naphthalene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	106-47-8	4-Chloroaniline	3900	U*	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	87-68-3	Hexachlorobutadiene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	105-60-2	Caprolactam	3900	U	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	59-50-7	4-Chloro-3-methylphenol	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	91-57-6	2-Methylnaphthalene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	77-47-4	Hexachlorocyclo-pentadiene	3900	U	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	88-06-2	2,4,6-Trichlorophenol	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	95-95-4	2,4,5-Trichlorophenol	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	92-52-4	1,1'-Biphenyl	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	91-58-7	2-Chloronaphthalene	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	88-74-4	2-Nitroaniline	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	131-11-3	Dimethylphthalate	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	606-20-2	2,6-Dinitrotoluene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	208-96-8	Acenaphthylene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	99-09-2	3-Nitroaniline	3900	U	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	83-32-9	Acenaphthene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	51-28-5	2,4-Dinitrophenol	3900	U*	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	100-02-7	4-Nitrophenol	3900	U	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	132-64-9	Dibenzofuran	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	121-14-2	2,4-Dinitrotoluene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	84-66-2	Diethylphthalate	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	86-73-7	Fluorene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	7005-72-3	4-Chlorophenyl-phenyl ether	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	100-01-6	4-Nitroaniline	3900	U	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	534-52-1	4,6-Dinitro-2-methylphenol	3900	U*	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	86-30-6	N-Nitrosodiphenylamine	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	95-94-3	1,2,4,5-Tetrachlorobenzene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	101-55-3	4-Bromophenyl-phenylether	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	118-74-1	Hexachlorobenzene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	1912-24-9	Atrazine	3900	U*	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	87-86-5	Pentachlorophenol	3900	U*	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	85-01-8	Phenanthrene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	120-12-7	Anthracene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	86-74-8	Carbazole	3900	U	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	84-74-2	Di-n-butylphthalate	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	206-44-0	Fluoranthene	3900	U*	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	129-00-0	Pyrene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	85-68-7	Butylbenzylphthalate	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	91-94-1	3,3'-Dichlorobenzidine	3900	U*	ug/kg	3900	12/10/2015	WIL-AA-11

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	56-55-3	Benzo(a)anthracene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	218-01-9	Chrysene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	117-81-7	Bis(2-ethylhexyl)phthalate	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	117-84-0	Di-n-octylphthalate	3900	U	ug/kg	3900	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	205-99-2	Benzo(b)fluoranthene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	207-08-9	Benzo(k)fluoranthene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	50-32-8	Benzo(a)pyrene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	193-39-5	Indeno(1,2,3-cd)pyrene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	53-70-3	Dibenzo(a,h)anthracene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	191-24-2	Benzo(g,h,i)perylene	2000	U*	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21	QL12004-003	S	12/23/2015	12:41:00	58-90-2	2,3,4,6-Tetrachlorophenol	2000	U	ug/kg	2000	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	91-20-3	Naphthalene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	91-57-6	2-Methylnaphthalene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	208-96-8	Acenaphthylene	41	UJ	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	83-32-9	Acenaphthene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	86-73-7	Fluorene	41	UJ	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	87-86-5	Pentachlorophenol	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	85-01-8	Phenanthrene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	120-12-7	Anthracene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	206-44-0	Fluoranthene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	129-00-0	Pyrene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	56-55-3	Benzo(a)anthracene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	218-01-9	Chrysene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	205-99-2	Benzo(b)fluoranthene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	207-08-9	Benzo(k)fluoranthene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	50-32-8	Benzo(a)pyrene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	193-39-5	Indeno(1,2,3-cd)pyrene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	53-70-3	Dibenzo(a,h)anthracene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	191-24-2	Benzo(g,h,i)perylene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	121-14-2	2,4-Dinitrotoluene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	132-64-9	Dibenzofuran	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	606-20-2	2,6-Dinitrotoluene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	92-52-4	1,1'-Biphenyl	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	88-06-2	2,4,6-Trichlorophenol	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	95-94-3	1,2,4,5-Tetrachlorobenzene	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	87-68-3	Hexachlorobutadiene	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	106-47-8	4-Chloroaniline	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	98-95-3	Nitrobenzene	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	67-72-1	Hexachloroethane	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	621-64-7	N-Nitrosodi-n-propylamine	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	108-60-1	2,2'-Oxybis(1-chloropropane)	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	111-44-4	bis(2-Chloroethyl)ether	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	123-91-1	1,4-Dioxane	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	51-28-5	2,4-Dinitrophenol	790	U	ug/kg	790	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	91-94-1	3,3'-Dichlorobenzidine	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	1912-24-9	Atrazine	79	U	ug/kg	79	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	118-74-1	Hexachlorobenzene	41	U	ug/kg	41	12/10/2015	WIL-AA-11
45671	F6R18	F6R21 (SIM)	QL12004-003	S	12/21/2015	11:11:00	534-52-1	4,6-Dinitro-2-methylphenol	79	U	ug/kg	79	12/10/2015	WIL-AA-11

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	123-91-1	1,4-Dioxane	3300	U*	ug/kg	3300	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	100-52-7	Benzaldehyde	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	108-95-2	Phenol	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	111-44-4	Bis(2-Chloroethyl) ether	16000	U*	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	95-57-8	2-Chlorophenol	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	95-48-7	2-Methylphenol	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	108-60-1	2,2'-Oxybis(1-chloropropane)	16000	U*	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	98-86-2	Acetophenone	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	106-44-5	4-Methylphenol	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	621-64-7	N-Nitroso-di-n propylamine	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	67-72-1	Hexachloroethane	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	98-95-3	Nitrobenzene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	78-59-1	Isophorone	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	88-75-5	2-Nitrophenol	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	105-67-9	2,4-Dimethylphenol	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	111-91-1	Bis(2-chloroethoxy)methane	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	120-83-2	2,4-Dichlorophenol	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	91-20-3	Naphthalene	5500	*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	106-47-8	4-Chloroaniline	16000	U*	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	87-68-3	Hexachlorobutadiene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	105-60-2	Caprolactam	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	59-50-7	4-Chloro-3-methylphenol	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	91-57-6	2-Methylnaphthalene	37000		ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	77-47-4	Hexachlorocyclo-pentadiene	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	88-06-2	2,4,6-Trichlorophenol	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	95-95-4	2,4,5-Trichlorophenol	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	92-52-4	1,1'-Biphenyl	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	91-58-7	2-Chloronaphthalene	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	88-74-4	2-Nitroaniline	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	131-11-3	Dimethylphthalate	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	606-20-2	2,6-Dinitrotoluene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	208-96-8	Acenaphthylene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	99-09-2	3-Nitroaniline	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	83-32-9	Acenaphthene	1300	*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	51-28-5	2,4-Dinitrophenol	16000	U*	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	100-02-7	4-Nitrophenol	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	132-64-9	Dibenzofuran	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	121-14-2	2,4-Dinitrotoluene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	84-66-2	Diethylphthalate	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	86-73-7	Fluorene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	7005-72-3	4-Chlorophenyl-phenyl ether	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	100-01-6	4-Nitroaniline	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	534-52-1	4,6-Dinitro-2-methylphenol	16000	U*	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	86-30-6	N-Nitrosodiphenylamine	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	95-94-3	1,2,4,5-Tetrachlorobenzene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	101-55-3	4-Bromophenyl-phenylether	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	118-74-1	Hexachlorobenzene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	1912-24-9	Atrazine	16000	U*	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	87-86-5	Pentachlorophenol	16000	U*	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	85-01-8	Phenanthrene	12000		ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	120-12-7	Anthracene	1500	*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	86-74-8	Carbazole	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	84-74-2	Di-n-butylphthalate	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	206-44-0	Fluoranthene	16000	U*	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	129-00-0	Pyrene	4500	*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	85-68-7	Butylbenzylphthalate	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	91-94-1	3,3'-Dichlorobenzidine	16000	U*	ug/kg	16000	12/10/2015	WIL-41

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	56-55-3	Benzo(a)anthracene	1300	*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	218-01-9	Chrysene	2900	*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	117-81-7	Bis(2-ethylhexyl)phthalate	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	117-84-0	Di-n-octylphthalate	16000	U	ug/kg	16000	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	205-99-2	Benzo(b)fluoranthene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	207-08-9	Benzo(k)fluoranthene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	50-32-8	Benzo(a)pyrene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	193-39-5	Indeno(1,2,3-cd)pyrene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	53-70-3	Dibenzo(a,h)anthracene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	191-24-2	Benzo(g,h,i)perylene	8100	U*	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23	QL12004-004	S	12/22/2015	13:08:00	58-90-2	2,3,4,6-Tetrachlorophenol	8100	U	ug/kg	8100	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	91-20-3	Naphthalene	9900	*	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	91-57-6	2-Methylnaphthalene	22000	*	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	208-96-8	Acenaphthylene	40	UJ	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	83-32-9	Acenaphthene	40	U	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	86-73-7	Fluorene	980	*	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	87-86-5	Pentachlorophenol	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	85-01-8	Phenanthrene	8300	*	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	120-12-7	Anthracene	40	U*	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	206-44-0	Fluoranthene	150	*	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	129-00-0	Pyrene	5300	*	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	56-55-3	Benzo(a)anthracene	1500	*	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	218-01-9	Chrysene	4100	*	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	205-99-2	Benzo(b)fluoranthene	1000		ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	207-08-9	Benzo(k)fluoranthene	120		ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	50-32-8	Benzo(a)pyrene	950		ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	193-39-5	Indeno(1,2,3-cd)pyrene	94		ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	53-70-3	Dibenzo(a,h)anthracene	100		ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	191-24-2	Benzo(g,h,i)perylene	180		ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	51-28-5	2,4-Dinitrophenol	780	U	ug/kg	780	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	123-91-1	1,4-Dioxane	40	U	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	111-44-4	bis(2-Chloroethyl)ether	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	108-60-1	2,2'-Oxybis(1-chloropropane)	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	621-64-7	N-Nitrosodi-n-propylamine	40	U	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	67-72-1	Hexachloroethane	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	98-95-3	Nitrobenzene	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	106-47-8	4-Chloroaniline	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	87-68-3	Hexachlorobutadiene	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	88-06-2	2,4,6-Trichlorophenol	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	92-52-4	1,1'-Biphenyl	40	U	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	606-20-2	2,6-Dinitrotoluene	40	U	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	121-14-2	2,4-Dinitrotoluene	40	U	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	132-64-9	Dibenzofuran	40	U	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	534-52-1	4,6-Dinitro-2-methylphenol	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	118-74-1	Hexachlorobenzene	40	U	ug/kg	40	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	1912-24-9	Atrazine	78	U	ug/kg	78	12/10/2015	WIL-41
45671	F6R18	F6R23 (SIM)	QL12004-004	S	12/21/2015	11:37:00	91-94-1	3,3'-Dichlorobenzidine	78	U	ug/kg	78	12/10/2015	WIL-41

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	91-20-3	Naphthalene	16000		ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	91-57-6	2-Methylnaphthalene	77000	*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	208-96-8	Acenaphthylene	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	83-32-9	Acenaphthene	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	86-73-7	Fluorene	4100	J	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	87-86-5	Pentachlorophenol	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	85-01-8	Phenanthrene	26000	*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	120-12-7	Anthracene	7200	J	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	206-44-0	Fluoranthene	2100	J	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	129-00-0	Pyrene	9300		ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	56-55-3	Benzo(a)anthracene	2900		ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	218-01-9	Chrysene	7000		ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	205-99-2	Benzo(b)fluoranthene	1300	*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	207-08-9	Benzo(k)fluoranthene	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	50-32-8	Benzo(a)pyrene	1300	*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	193-39-5	Indeno(1,2,3-cd)pyrene	360	*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	53-70-3	Dibenzo(a,h)anthracene	390	*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	191-24-2	Benzo(g,h,i)perylene	710	*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	118-74-1	Hexachlorobenzene	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	534-52-1	4,6-Dinitro-2-methylphenol	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	132-64-9	Dibenzofuran	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	121-14-2	2,4-Dinitrotoluene	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	606-20-2	2,6-Dinitrotoluene	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	92-52-4	1,1'-Biphenyl	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	88-06-2	2,4,6-Trichlorophenol	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	95-94-3	1,2,4,5-Tetrachlorobenzene	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	87-68-3	Hexachlorobutadiene	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	106-47-8	4-Chloroaniline	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	1912-24-9	Atrazine	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	67-72-1	Hexachloroethane	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	621-64-7	N-Nitrosodi-n-propylamine	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	108-60-1	2,2'-Oxybis(1-chloropropane)	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	111-44-4	bis(2-Chloroethyl)ether	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	123-91-1	1,4-Dioxane	1200	U*	ug/kg	1200		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	51-28-5	2,4-Dinitrophenol	24000	U*	ug/kg	24000		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	91-94-1	3,3'-Dichlorobenzidine	2400	U*	ug/kg	2400		
45671	F6R18	F6R23RX (SIM)	QL12004-004	S	12/23/2015	16:01:00	98-95-3	Nitrobenzene	2400	U*	ug/kg	2400		
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	123-91-1	1,4-Dioxane	1800	U*	ug/kg	1800	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	100-52-7	Benzaldehyde	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	108-95-2	Phenol	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	111-44-4	Bis(2-Chloroethyl) ether	8400	U*	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	95-57-8	2-Chlorophenol	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	95-48-7	2-Methylphenol	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	108-60-1	2,2'-Oxybis(1-chloropropane)	8400	U*	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	98-86-2	Acetophenone	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	106-44-5	4-Methylphenol	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	621-64-7	N-Nitroso-di-n propylamine	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	67-72-1	Hexachloroethane	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	98-95-3	Nitrobenzene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	78-59-1	Isophorone	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	88-75-5	2-Nitrophenol	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	105-67-9	2,4-Dimethylphenol	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	111-91-1	Bis(2-chloroethoxy)methane	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	120-83-2	2,4-Dichlorophenol	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	91-20-3	Naphthalene	2200	*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	106-47-8	4-Chloroaniline	8400	U*	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	87-68-3	Hexachlorobutadiene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	105-60-2	Caprolactam	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	59-50-7	4-Chloro-3-methylphenol	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	91-57-6	2-Methylnaphthalene	4800		ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	77-47-4	Hexachlorocyclo-pentadiene	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	88-06-2	2,4,6-Trichlorophenol	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	95-95-4	2,4,5-Trichlorophenol	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	92-52-4	1,1'-Biphenyl	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	91-58-7	2-Chloronaphthalene	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	88-74-4	2-Nitroaniline	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	131-11-3	Dimethylphthalate	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	606-20-2	2,6-Dinitrotoluene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	208-96-8	Acenaphthylene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	99-09-2	3-Nitroaniline	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	83-32-9	Acenaphthene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	51-28-5	2,4-Dinitrophenol	8400	U*	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	100-02-7	4-Nitrophenol	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	132-64-9	Dibenzofuran	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	121-14-2	2,4-Dinitrotoluene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	84-66-2	Diethylphthalate	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	86-73-7	Fluorene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	7005-72-3	4-Chlorophenyl-phenyl ether	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	100-01-6	4-Nitroaniline	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	534-52-1	4,6-Dinitro-2-methylphenol	8400	U*	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	86-30-6	N-Nitrosodiphenylamine	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	101-55-3	4-Bromophenyl-phenylether	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	118-74-1	Hexachlorobenzene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	1912-24-9	Atrazine	8400	U*	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	87-86-5	Pentachlorophenol	8400	U*	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	85-01-8	Phenanthrene	3000	*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	120-12-7	Anthracene	690	*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	86-74-8	Carbazole	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	84-74-2	Di-n-butylphthalate	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	206-44-0	Fluoranthene	8400	U*	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	129-00-0	Pyrene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	85-68-7	Butylbenzylphthalate	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	91-94-1	3,3'-Dichlorobenzidine	8400	U*	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	56-55-3	Benzo(a)anthracene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	218-01-9	Chrysene	510	*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	117-81-7	Bis(2-ethylhexyl)phthalate	4300	U	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	117-84-0	Di-n-octylphthalate	8400	U	ug/kg	8400	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	205-99-2	Benzo(b)fluoranthene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	207-08-9	Benzo(k)fluoranthene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	50-32-8	Benzo(a)pyrene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	193-39-5	Indeno(1,2,3-cd)pyrene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	53-70-3	Dibenzo(a,h)anthracene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	191-24-2	Benzo(g,h,i)perylene	4300	U*	ug/kg	4300	12/11/2015	TF-34-01
45671	F6R18	F6R24	QL12004-005	S	12/22/2015	13:37:00	58-90-2	2,3,4,6-Tetrachlorophenol	4300	U	ug/kg	4300	12/11/2015	TF-34-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	91-20-3	Naphthalene	2900	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	91-57-6	2-Methylnaphthalene	5200	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	208-96-8	Acenaphthylene	43	UJ	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	83-32-9	Acenaphthene	43	U	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	86-73-7	Fluorene	1400	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	87-86-5	Pentachlorophenol	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	85-01-8	Phenanthrene	4000	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	120-12-7	Anthracene	43	U*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	206-44-0	Fluoranthene	670	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	129-00-0	Pyrene	5100	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	56-55-3	Benzo(a)anthracene	620	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	218-01-9	Chrysene	1600	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	205-99-2	Benzo(b)fluoranthene	300	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	207-08-9	Benzo(k)fluoranthene	54	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	50-32-8	Benzo(a)pyrene	470	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	193-39-5	Indeno(1,2,3-cd)pyrene	51	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	53-70-3	Dibenzo(a,h)anthracene	23	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	191-24-2	Benzo(g,h,i)perylene	110	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	132-64-9	Dibenzofuran	43	U	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	121-14-2	2,4-Dinitrotoluene	43	U	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	92-52-4	1,1'-Biphenyl	190	*	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	606-20-2	2,6-Dinitrotoluene	43	U	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	88-06-2	2,4,6-Trichlorophenol	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	95-94-3	1,2,4,5-Tetrachlorobenzene	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	87-68-3	Hexachlorobutadiene	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	106-47-8	4-Chloroaniline	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	98-95-3	Nitrobenzene	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	67-72-1	Hexachloroethane	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	621-64-7	N-Nitrosodi-n-propylamine	43	U	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	108-60-1	2,2'-Oxybis(1-chloropropane)	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	111-44-4	bis(2-Chloroethyl)ether	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	123-91-1	1,4-Dioxane	43	U	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	51-28-5	2,4-Dinitrophenol	840	U	ug/kg	840	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	91-94-1	3,3'-Dichlorobenzidine	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	1912-24-9	Atrazine	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	534-52-1	4,6-Dinitro-2-methylphenol	84	U	ug/kg	84	12/11/2015	TF-34-01
45671	F6R18	F6R24 (SIM)	QL12004-005	S	12/21/2015	12:04:00	118-74-1	Hexachlorobenzene	43	U	ug/kg	43	12/11/2015	TF-34-01
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	91-20-3	Naphthalene	38000		ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	91-57-6	2-Methylnaphthalene	91000	*	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	208-96-8	Acenaphthylene	660	U*	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	83-32-9	Acenaphthene	660	U*	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	86-73-7	Fluorene	11000	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	87-86-5	Pentachlorophenol	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	85-01-8	Phenanthrene	86000	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	120-12-7	Anthracene	40000	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	206-44-0	Fluoranthene	9100	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	129-00-0	Pyrene	70000	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	56-55-3	Benzo(a)anthracene	8000	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	218-01-9	Chrysene	17000	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	205-99-2	Benzo(b)fluoranthene	2800	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	207-08-9	Benzo(k)fluoranthene	890	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	50-32-8	Benzo(a)pyrene	5400	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	193-39-5	Indeno(1,2,3-cd)pyrene	1100	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	53-70-3	Dibenzo(a,h)anthracene	760	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	191-24-2	Benzo(g,h,i)perylene	2200	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	87-68-3	Hexachlorobutadiene	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	95-94-3	1,2,4,5-Tetrachlorobenzene	1300	U*	ug/kg	1300		

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	88-06-2	2,4,6-Trichlorophenol	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	92-52-4	1,1'-Biphenyl	3600	J	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	606-20-2	2,6-Dinitrotoluene	660	U*	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	121-14-2	2,4-Dinitrotoluene	660	U*	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	132-64-9	Dibenzofuran	660	U*	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	534-52-1	4,6-Dinitro-2-methylphenol	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	118-74-1	Hexachlorobenzene	660	U*	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	1912-24-9	Atrazine	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	91-94-1	3,3'-Dichlorobenzidine	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	51-28-5	2,4-Dinitrophenol	13000	U*	ug/kg	13000		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	123-91-1	1,4-Dioxane	660	U*	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	111-44-4	bis(2-Chloroethyl)ether	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	108-60-1	2,2'-Oxybis(1-chloropropane)	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	621-64-7	N-Nitrosodi-n-propylamine	660	U*	ug/kg	660		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	67-72-1	Hexachloroethane	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	98-95-3	Nitrobenzene	1300	U*	ug/kg	1300		
45671	F6R18	F6R24RX (SIM)	QL12004-005	S	12/23/2015	16:54:00	106-47-8	4-Chloroaniline	1300	U*	ug/kg	1300		
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	100-52-7	Benzaldehyde	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	108-95-2	Phenol	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	111-44-4	Bis(2-Chloroethyl) ether	7700	U*	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	95-57-8	2-Chlorophenol	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	95-48-7	2-Methylphenol	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7700	U*	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	98-86-2	Acetophenone	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	106-44-5	4-Methylphenol	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	621-64-7	N-Nitroso-di-n propylamine	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	67-72-1	Hexachloroethane	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	98-95-3	Nitrobenzene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	78-59-1	Isophorone	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	88-75-5	2-Nitrophenol	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	105-67-9	2,4-Dimethylphenol	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	111-91-1	Bis(2-chloroethoxy)methane	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	120-83-2	2,4-Dichlorophenol	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	91-20-3	Naphthalene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	106-47-8	4-Chloroaniline	7700	U*	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	87-68-3	Hexachlorobutadiene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	105-60-2	Caprolactam	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	59-50-7	4-Chloro-3-methylphenol	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	91-57-6	2-Methylnaphthalene	740	*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	77-47-4	Hexachlorocyclo-pentadiene	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	88-06-2	2,4,6-Trichlorophenol	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	95-95-4	2,4,5-Trichlorophenol	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	92-52-4	1,1'-Biphenyl	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	91-58-7	2-Chloronaphthalene	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	88-74-4	2-Nitroaniline	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	131-11-3	Dimethylphthalate	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	606-20-2	2,6-Dinitrotoluene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	208-96-8	Acenaphthylene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	99-09-2	3-Nitroaniline	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	83-32-9	Acenaphthene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	51-28-5	2,4-Dinitrophenol	7700	U*	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	100-02-7	4-Nitrophenol	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	132-64-9	Dibenzofuran	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	121-14-2	2,4-Dinitrotoluene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	84-66-2	Diethylphthalate	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	86-73-7	Fluorene	4000	U*	ug/kg	4000	12/11/2015	LOR-18

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	7005-72-3	4-Chlorophenyl-phenyl ether	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	100-01-6	4-Nitroaniline	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	534-52-1	4,6-Dinitro-2-methylphenol	7700	U*	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	86-30-6	N-Nitrosodiphenylamine	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	101-55-3	4-Bromophenyl-phenylether	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	118-74-1	Hexachlorobenzene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	1912-24-9	Atrazine	7700	U*	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	87-86-5	Pentachlorophenol	7700	U*	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	85-01-8	Phenanthrene	880	*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	120-12-7	Anthracene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	86-74-8	Carbazole	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	84-74-2	Di-n-butylphthalate	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	206-44-0	Fluoranthene	7700	U*	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	129-00-0	Pyrene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	85-68-7	Butylbenzylphthalate	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	91-94-1	3,3'-Dichlorobenzidine	7700	U*	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	56-55-3	Benzo(a)anthracene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	218-01-9	Chrysene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	117-81-7	Bis(2-ethylhexyl)phthalate	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	117-84-0	Di-n-octylphthalate	7700	U	ug/kg	7700	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	205-99-2	Benzo(b)fluoranthene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	207-08-9	Benzo(k)fluoranthene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	50-32-8	Benzo(a)pyrene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	193-39-5	Indeno(1,2,3-cd)pyrene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	53-70-3	Dibenzo(a,h)anthracene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	191-24-2	Benzo(g,h,i)perylene	4000	U*	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25	QL12004-006	S	12/22/2015	14:05:00	58-90-2	2,3,4,6-Tetrachlorophenol	4000	U	ug/kg	4000	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	91-20-3	Naphthalene	960	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	91-57-6	2-Methylnaphthalene	1400	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	208-96-8	Acenaphthylene	40	U*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	83-32-9	Acenaphthene	40	U*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	86-73-7	Fluorene	510	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	87-86-5	Pentachlorophenol	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	85-01-8	Phenanthrene	1500	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	120-12-7	Anthracene	40	U*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	206-44-0	Fluoranthene	120	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	129-00-0	Pyrene	270	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	56-55-3	Benzo(a)anthracene	75	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	218-01-9	Chrysene	230	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	205-99-2	Benzo(b)fluoranthene	80	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	207-08-9	Benzo(k)fluoranthene	21	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	50-32-8	Benzo(a)pyrene	43	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	193-39-5	Indeno(1,2,3-cd)pyrene	8.8	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	53-70-3	Dibenzo(a,h)anthracene	8.6	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	191-24-2	Benzo(g,h,i)perylene	19	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	51-28-5	2,4-Dinitrophenol	780	U*	ug/kg	780	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	123-91-1	1,4-Dioxane	40	U*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	111-44-4	bis(2-Chloroethyl)ether	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	108-60-1	2,2'-Oxybis(1-chloropropane)	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	621-64-7	N-Nitrosodi-n-propylamine	40	U*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	67-72-1	Hexachloroethane	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	98-95-3	Nitrobenzene	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	106-47-8	4-Chloroaniline	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	87-68-3	Hexachlorobutadiene	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	95-94-3	1,2,4,5-Tetrachlorobenzene	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	88-06-2	2,4,6-Trichlorophenol	78	U*	ug/kg	78	12/11/2015	LOR-18

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	92-52-4	1,1'-Biphenyl	40	U*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	606-20-2	2,6-Dinitrotoluene	40	U*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	121-14-2	2,4-Dinitrotoluene	40	U*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	132-64-9	Dibenzofuran	220	*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	534-52-1	4,6-Dinitro-2-methylphenol	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	118-74-1	Hexachlorobenzene	40	U*	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	1912-24-9	Atrazine	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25 (SIM)	QL12004-006	S	12/21/2015	12:30:00	91-94-1	3,3'-Dichlorobenzidine	78	U*	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	91-20-3	Naphthalene	740		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	91-57-6	2-Methylnaphthalene	1100		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	208-96-8	Acenaphthylene	40	UJ	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	83-32-9	Acenaphthene	40	UJ	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	86-73-7	Fluorene	590	J	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	87-86-5	Pentachlorophenol	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	85-01-8	Phenanthrene	1900		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	120-12-7	Anthracene	40	U	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	206-44-0	Fluoranthene	220		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	129-00-0	Pyrene	350		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	56-55-3	Benzo(a)anthracene	82		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	218-01-9	Chrysene	220		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	205-99-2	Benzo(b)fluoranthene	79		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	207-08-9	Benzo(k)fluoranthene	24	LJ	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	50-32-8	Benzo(a)pyrene	48		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	193-39-5	Indeno(1,2,3-cd)pyrene	12	LJ	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	53-70-3	Dibenzo(a,h)anthracene	40	U	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	191-24-2	Benzo(g,h,i)perylene	30	LJ	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	51-28-5	2,4-Dinitrophenol	780	U	ug/kg	780	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	123-91-1	1,4-Dioxane	40	U	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	111-44-4	bis(2-Chloroethyl)ether	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	108-60-1	2,2'-Oxybis(1-chloropropane)	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	621-64-7	N-Nitrosodi-n-propylamine	40	U	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	67-72-1	Hexachloroethane	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	98-95-3	Nitrobenzene	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	106-47-8	4-Chloroaniline	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	87-68-3	Hexachlorobutadiene	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	88-06-2	2,4,6-Trichlorophenol	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	92-52-4	1,1'-Biphenyl	40	U	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	606-20-2	2,6-Dinitrotoluene	40	U	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	121-14-2	2,4-Dinitrotoluene	40	U	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	132-64-9	Dibenzofuran	250		ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	534-52-1	4,6-Dinitro-2-methylphenol	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	118-74-1	Hexachlorobenzene	40	U	ug/kg	40	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	1912-24-9	Atrazine	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R25RE (SIM)	QL12004-006	S	12/22/2015	10:39:30	91-94-1	3,3'-Dichlorobenzidine	78	U	ug/kg	78	12/11/2015	LOR-18
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	123-91-1	1,4-Dioxane	1600	U*	ug/kg	1600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	100-52-7	Benzaldehyde	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	108-95-2	Phenol	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	111-44-4	Bis(2-Chloroethyl) ether	7600	U*	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	95-57-8	2-Chlorophenol	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	95-48-7	2-Methylphenol	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	108-60-1	2,2'-Oxybis(1-chloropropane)	7600	U*	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	98-86-2	Acetophenone	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	106-44-5	4-Methylphenol	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	621-64-7	N-Nitroso-di-n propylamine	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	67-72-1	Hexachloroethane	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	98-95-3	Nitrobenzene	3900	U*	ug/kg	3900	12/11/2015	FD-03

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	78-59-1	Isophorone	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	88-75-5	2-Nitrophenol	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	105-67-9	2,4-Dimethylphenol	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	111-91-1	Bis(2-chloroethoxy)methane	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	120-83-2	2,4-Dichlorophenol	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	91-20-3	Naphthalene	390	*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	106-47-8	4-Chloroaniline	7600	U*	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	87-68-3	Hexachlorobutadiene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	105-60-2	Caprolactam	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	59-50-7	4-Chloro-3-methylphenol	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	91-57-6	2-Methylnaphthalene	3000	*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	77-47-4	Hexachlorocyclo-pentadiene	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	88-06-2	2,4,6-Trichlorophenol	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	95-95-4	2,4,5-Trichlorophenol	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	92-52-4	1,1'-Biphenyl	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	91-58-7	2-Chloronaphthalene	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	88-74-4	2-Nitroaniline	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	131-11-3	Dimethylphthalate	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	606-20-2	2,6-Dinitrotoluene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	208-96-8	Acenaphthylene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	99-09-2	3-Nitroaniline	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	83-32-9	Acenaphthene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	51-28-5	2,4-Dinitrophenol	7600	U*	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	100-02-7	4-Nitrophenol	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	132-64-9	Dibenzofuran	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	121-14-2	2,4-Dinitrotoluene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	84-66-2	Diethylphthalate	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	86-73-7	Fluorene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	7005-72-3	4-Chlorophenyl-phenyl ether	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	100-01-6	4-Nitroaniline	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	534-52-1	4,6-Dinitro-2-methylphenol	7600	U*	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	86-30-6	N-Nitrosodiphenylamine	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	95-94-3	1,2,4,5-Tetrachlorobenzene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	101-55-3	4-Bromophenyl-phenylether	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	118-74-1	Hexachlorobenzene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	1912-24-9	Atrazine	7600	U*	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	87-86-5	Pentachlorophenol	7600	U*	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	85-01-8	Phenanthrene	490	*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	120-12-7	Anthracene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	86-74-8	Carbazole	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	84-74-2	Di-n-butylphthalate	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	206-44-0	Fluoranthene	7600	U*	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	129-00-0	Pyrene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	85-68-7	Butylbenzylphthalate	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	91-94-1	3,3'-Dichlorobenzidine	7600	U*	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	56-55-3	Benzo(a)anthracene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	218-01-9	Chrysene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	117-81-7	Bis(2-ethylhexyl)phthalate	3900	U	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	117-84-0	Di-n-octylphthalate	7600	U	ug/kg	7600	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	205-99-2	Benzo(b)fluoranthene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	207-08-9	Benzo(k)fluoranthene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	50-32-8	Benzo(a)pyrene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	193-39-5	Indeno(1,2,3-cd)pyrene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	53-70-3	Dibenzo(a,h)anthracene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	191-24-2	Benzo(g,h,i)perylene	3900	U*	ug/kg	3900	12/11/2015	FD-03
45671	F6R18	F6R26	QL12004-007	S	12/22/2015	14:34:00	58-90-2	2,3,4,6-Tetrachlorophenol	3900	U	ug/kg	3900	12/11/2015	FD-03

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	91-20-3	Naphthalene	630	*	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	91-57-6	2-Methylnaphthalene	5200	*	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	208-96-8	Acenaphthylene	39	UJ	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	86-73-7	Fluorene	430	*	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	87-86-5	Pentachlorophenol	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	85-01-8	Phenanthrene	910	*	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	120-12-7	Anthracene	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	206-44-0	Fluoranthene	120	J	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	129-00-0	Pyrene	280	J	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	56-55-3	Benzo(a)anthracene	56	J	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	218-01-9	Chrysene	150	J	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	205-99-2	Benzo(b)fluoranthene	48		ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	207-08-9	Benzo(k)fluoranthene	11	LJ	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	50-32-8	Benzo(a)pyrene	37	LJ	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	191-24-2	Benzo(g,h,i)perylene	15	LJ	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	1912-24-9	Atrazine	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	91-94-1	3,3'-Dichlorobenzidine	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	51-28-5	2,4-Dinitrophenol	760	U	ug/kg	760	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	111-44-4	bis(2-Chloroethyl)ether	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	108-60-1	2,2'-Oxybis(1-chloropropane)	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	67-72-1	Hexachloroethane	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	98-95-3	Nitrobenzene	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	106-47-8	4-Chloroaniline	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	87-68-3	Hexachlorobutadiene	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	88-06-2	2,4,6-Trichlorophenol	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	132-64-9	Dibenzofuran	310	*	ug/kg	39	12/11/2015	FD-03
45671	F6R18	F6R26 (SIM)	QL12004-007	S	12/21/2015	12:56:00	534-52-1	4,6-Dinitro-2-methylphenol	76	U	ug/kg	76	12/11/2015	FD-03
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	91-20-3	Naphthalene	4000		ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	91-57-6	2-Methylnaphthalene	15000		ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	208-96-8	Acenaphthylene	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	83-32-9	Acenaphthene	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	86-73-7	Fluorene	700		ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	87-86-5	Pentachlorophenol	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	85-01-8	Phenanthrene	1900	J	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	120-12-7	Anthracene	320	*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	206-44-0	Fluoranthene	140	*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	129-00-0	Pyrene	250	*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	56-55-3	Benzo(a)anthracene	62	*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	218-01-9	Chrysene	210	*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	205-99-2	Benzo(b)fluoranthene	90	*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	207-08-9	Benzo(k)fluoranthene	44	*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	50-32-8	Benzo(a)pyrene	57	*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	193-39-5	Indeno(1,2,3-cd)pyrene	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	53-70-3	Dibenzo(a,h)anthracene	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	191-24-2	Benzo(g,h,i)perylene	140	*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	121-14-2	2,4-Dinitrotoluene	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	132-64-9	Dibenzofuran	630	J	ug/kg	590		

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	67-72-1	Hexachloroethane	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	534-52-1	4,6-Dinitro-2-methylphenol	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	118-74-1	Hexachlorobenzene	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	1912-24-9	Atrazine	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	621-64-7	N-Nitrosodi-n-propylamine	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	108-60-1	2,2'-Oxybis(1-chloropropane)	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	111-44-4	bis(2-Chloroethyl)ether	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	123-91-1	1,4-Dioxane	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	91-94-1	3,3'-Dichlorobenzidine	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	51-28-5	2,4-Dinitrophenol	11000	U*	ug/kg	11000		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	98-95-3	Nitrobenzene	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	606-20-2	2,6-Dinitrotoluene	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	92-52-4	1,1'-Biphenyl	590	U*	ug/kg	590		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	88-06-2	2,4,6-Trichlorophenol	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	87-68-3	Hexachlorobutadiene	1100	U*	ug/kg	1100		
45671	F6R18	F6R26RX (SIM)	QL12004-007	S	12/23/2015	16:27:00	106-47-8	4-Chloroaniline	1100	U*	ug/kg	1100		
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	123-91-1	1,4-Dioxane	410	U*	ug/kg	410	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	100-52-7	Benzaldehyde	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	108-95-2	Phenol	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	111-44-4	Bis(2-Chloroethyl) ether	1900	U*	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	95-57-8	2-Chlorophenol	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	95-48-7	2-Methylphenol	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	108-60-1	2,2'-Oxybis(1-chloropropane)	1900	U*	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	98-86-2	Acetophenone	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	106-44-5	4-Methylphenol	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	621-64-7	N-Nitroso-di-n propylamine	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	67-72-1	Hexachloroethane	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	98-95-3	Nitrobenzene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	78-59-1	Isophorone	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	88-75-5	2-Nitrophenol	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	105-67-9	2,4-Dimethylphenol	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	111-91-1	Bis(2-chloroethoxy)methane	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	120-83-2	2,4-Dichlorophenol	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	91-20-3	Naphthalene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	106-47-8	4-Chloroaniline	1900	U*	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	87-68-3	Hexachlorobutadiene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	105-60-2	Caprolactam	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	59-50-7	4-Chloro-3-methylphenol	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	91-57-6	2-Methylnaphthalene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	77-47-4	Hexachlorocyclo-pentadiene	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	88-06-2	2,4,6-Trichlorophenol	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	95-95-4	2,4,5-Trichlorophenol	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	92-52-4	1,1'-Biphenyl	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	91-58-7	2-Chloronaphthalene	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	88-74-4	2-Nitroaniline	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	131-11-3	Dimethylphthalate	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	606-20-2	2,6-Dinitrotoluene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	208-96-8	Acenaphthylene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	99-09-2	3-Nitroaniline	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	83-32-9	Acenaphthene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	51-28-5	2,4-Dinitrophenol	1900	U*	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	100-02-7	4-Nitrophenol	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	132-64-9	Dibenzofuran	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	121-14-2	2,4-Dinitrotoluene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	84-66-2	Diethylphthalate	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	86-73-7	Fluorene	990	U*	ug/kg	990	12/11/2015	LOR-25A

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	7005-72-3	4-Chlorophenyl-phenyl ether	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	100-01-6	4-Nitroaniline	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	534-52-1	4,6-Dinitro-2-methylphenol	1900	U*	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	86-30-6	N-Nitrosodiphenylamine	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	95-94-3	1,2,4,5-Tetrachlorobenzene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	101-55-3	4-Bromophenyl-phenylether	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	118-74-1	Hexachlorobenzene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	1912-24-9	Atrazine	1900	U*	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	87-86-5	Pentachlorophenol	1900	U*	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	85-01-8	Phenanthrene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	120-12-7	Anthracene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	86-74-8	Carbazole	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	84-74-2	Di-n-butylphthalate	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	206-44-0	Fluoranthene	1900	U*	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	129-00-0	Pyrene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	85-68-7	Butylbenzylphthalate	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	91-94-1	3,3'-Dichlorobenzidine	1900	U*	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	56-55-3	Benzo(a)anthracene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	218-01-9	Chrysene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	117-81-7	Bis(2-ethylhexyl)phthalate	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	117-84-0	Di-n-octylphthalate	1900	U	ug/kg	1900	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	205-99-2	Benzo(b)fluoranthene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	207-08-9	Benzo(k)fluoranthene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	50-32-8	Benzo(a)pyrene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	193-39-5	Indeno(1,2,3-cd)pyrene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	53-70-3	Dibenzo(a,h)anthracene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	191-24-2	Benzo(g,h,i)perylene	990	U*	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27	QL12004-008	S	12/23/2015	13:10:00	58-90-2	2,3,4,6-Tetrachlorophenol	990	U	ug/kg	990	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	91-20-3	Naphthalene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	91-57-6	2-Methylnaphthalene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	208-96-8	Acenaphthylene	39	UJ	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	83-32-9	Acenaphthene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	86-73-7	Fluorene	39	UJ	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	87-86-5	Pentachlorophenol	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	85-01-8	Phenanthrene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	120-12-7	Anthracene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	206-44-0	Fluoranthene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	129-00-0	Pyrene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	56-55-3	Benzo(a)anthracene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	218-01-9	Chrysene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	205-99-2	Benzo(b)fluoranthene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	207-08-9	Benzo(k)fluoranthene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	50-32-8	Benzo(a)pyrene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	193-39-5	Indeno(1,2,3-cd)pyrene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	53-70-3	Dibenzo(a,h)anthracene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	191-24-2	Benzo(g,h,i)perylene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	534-52-1	4,6-Dinitro-2-methylphenol	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	118-74-1	Hexachlorobenzene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	1912-24-9	Atrazine	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	91-94-1	3,3'-Dichlorobenzidine	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	51-28-5	2,4-Dinitrophenol	760	U	ug/kg	760	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	123-91-1	1,4-Dioxane	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	111-44-4	bis(2-Chloroethyl)ether	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	108-60-1	2,2'-Oxybis(1-chloropropane)	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	621-64-7	N-Nitrosodi-n-propylamine	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	67-72-1	Hexachloroethane	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	98-95-3	Nitrobenzene	76	U	ug/kg	76	12/11/2015	LOR-25A

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	106-47-8	4-Chloroaniline	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	87-68-3	Hexachlorobutadiene	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	88-06-2	2,4,6-Trichlorophenol	76	U	ug/kg	76	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	92-52-4	1,1'-Biphenyl	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	606-20-2	2,6-Dinitrotoluene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	121-14-2	2,4-Dinitrotoluene	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R27 (SIM)	QL12004-008	S	12/21/2015	13:22:00	132-64-9	Dibenzofuran	39	U	ug/kg	39	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	123-91-1	1,4-Dioxane	83	U*	ug/kg	83	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	100-52-7	Benzaldehyde	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	108-95-2	Phenol	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	111-44-4	Bis(2-Chloroethyl) ether	390	U*	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	95-57-8	2-Chlorophenol	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	95-48-7	2-Methylphenol	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	108-60-1	2,2'-Oxybis(1-chloropropane)	390	U*	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	98-86-2	Acetophenone	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	106-44-5	4-Methylphenol	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	621-64-7	N-Nitroso-di-n propylamine	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	67-72-1	Hexachloroethane	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	98-95-3	Nitrobenzene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	78-59-1	Isophorone	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	88-75-5	2-Nitrophenol	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	105-67-9	2,4-Dimethylphenol	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	111-91-1	Bis(2-chloroethoxy)methane	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	120-83-2	2,4-Dichlorophenol	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	91-20-3	Naphthalene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	106-47-8	4-Chloroaniline	390	U*	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	87-68-3	Hexachlorobutadiene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	105-60-2	Caprolactam	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	59-50-7	4-Chloro-3-methylphenol	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	91-57-6	2-Methylnaphthalene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	77-47-4	Hexachlorocyclo-pentadiene	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	88-06-2	2,4,6-Trichlorophenol	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	92-52-4	1,1'-Biphenyl	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	91-58-7	2-Chloronaphthalene	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	88-74-4	2-Nitroaniline	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	131-11-3	Dimethylphthalate	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	606-20-2	2,6-Dinitrotoluene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	208-96-8	Acenaphthylene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	99-09-2	3-Nitroaniline	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	83-32-9	Acenaphthene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	51-28-5	2,4-Dinitrophenol	390	U*	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	100-02-7	4-Nitrophenol	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	132-64-9	Dibenzofuran	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	121-14-2	2,4-Dinitrotoluene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	84-66-2	Diethylphthalate	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	86-73-7	Fluorene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	7005-72-3	4-Chlorophenyl-phenyl ether	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	100-01-6	4-Nitroaniline	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	534-52-1	4,6-Dinitro-2-methylphenol	390	U*	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	86-30-6	N-Nitrosodiphenylamine	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	101-55-3	4-Bromophenyl-phenylether	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	118-74-1	Hexachlorobenzene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	1912-24-9	Atrazine	390	U*	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	87-86-5	Pentachlorophenol	390	U*	ug/kg	390	12/11/2015	LOR-25A

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	85-01-8	Phenanthrene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	120-12-7	Anthracene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	86-74-8	Carbazole	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	84-74-2	Di-n-butylphthalate	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	206-44-0	Fluoranthene	390	U*	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	129-00-0	Pyrene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	85-68-7	Butylbenzylphthalate	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	91-94-1	3,3'-Dichlorobenzidine	390	U*	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	56-55-3	Benzo(a)anthracene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	218-01-9	Chrysene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	117-84-0	Di-n-octylphthalate	390	U	ug/kg	390	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	205-99-2	Benzo(b)fluoranthene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	207-08-9	Benzo(k)fluoranthene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	50-32-8	Benzo(a)pyrene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	193-39-5	Indeno(1,2,3-cd)pyrene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	53-70-3	Dibenzo(a,h)anthracene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	191-24-2	Benzo(g,h,i)perylene	200	U*	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28	QL12004-009	S	12/23/2015	13:38:00	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	ug/kg	200	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	91-20-3	Naphthalene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	91-57-6	2-Methylnaphthalene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	208-96-8	Acenaphthylene	40	UJ	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	83-32-9	Acenaphthene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	86-73-7	Fluorene	40	UJ	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	87-86-5	Pentachlorophenol	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	85-01-8	Phenanthrene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	120-12-7	Anthracene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	206-44-0	Fluoranthene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	129-00-0	Pyrene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	56-55-3	Benzo(a)anthracene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	218-01-9	Chrysene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	205-99-2	Benzo(b)fluoranthene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	207-08-9	Benzo(k)fluoranthene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	50-32-8	Benzo(a)pyrene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	193-39-5	Indeno(1,2,3-cd)pyrene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	53-70-3	Dibenzo(a,h)anthracene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	191-24-2	Benzo(g,h,i)perylene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	121-14-2	2,4-Dinitrotoluene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	132-64-9	Dibenzofuran	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	67-72-1	Hexachloroethane	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	534-52-1	4,6-Dinitro-2-methylphenol	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	118-74-1	Hexachlorobenzene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	1912-24-9	Atrazine	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	621-64-7	N-Nitrosodi-n-propylamine	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	108-60-1	2,2'-Oxybis(1-chloropropane)	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	111-44-4	bis(2-Chloroethyl)ether	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	123-91-1	1,4-Dioxane	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	91-94-1	3,3'-Dichlorobenzidine	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	51-28-5	2,4-Dinitrophenol	770	U	ug/kg	770	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	98-95-3	Nitrobenzene	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	606-20-2	2,6-Dinitrotoluene	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	92-52-4	1,1'-Biphenyl	40	U	ug/kg	40	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	88-06-2	2,4,6-Trichlorophenol	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	87-68-3	Hexachlorobutadiene	77	U	ug/kg	77	12/11/2015	LOR-25A
45671	F6R18	F6R28 (SIM)	QL12004-009	S	12/21/2015	13:48:00	106-47-8	4-Chloroaniline	77	U	ug/kg	77	12/11/2015	LOR-25A

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 45671 SDG No. F6R18 SDG Nos. To Follow Mod. Ref No. 2544.1 Date Rec 01/05/16

EPA Lab ID: EQI

Lab Location: West Columbia, SC

Region: 6 Audit No.: 45671/F6R18

Re_Submitted CSF? Yes X No

Box No(s): 1

COMMENTS:

Item	Description
3.	The auditor added some missing page numbers.
4.	The page numbers were omitted for Internal Lab Sample Transfer Records (pages 1308 to 1315) on Form DC-2-7. The auditor made proper entries.
14. /15.	Sample tags were not used for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?		X	
4. Are enclosed documents listed?		X	
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: Wallace Doong — Wallace Doong / ESAT Data Reviewer — Date 01/08/16

Audited by: _____ — _____ — Date _____

Signature — Printed Name/Title

DC-2__

In Reference To: O-1319
Case No.: 45671 SDG(s): F6R18

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	EQI
Lab Contact:	Robert Zhu
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Wallace Doong - ESAT

In reference to data for the fraction(s):

CSF Deliverables LMVOA SVOA/SVOA-SIM

Summary of Questions/Issues:

CSF Deliverables
The "Date" for "Completed By" was omitted on Form DC-2-7 (page 15). Please correct and resubmit this page.

LMVOA
The "Level" should be "MED" for Form 6A (pages 270, 271, 301, and 302), Form 7A (pages 369, 370, 377, 378, 385, and 386), and Form 8A (pages 47 and 48). Please correct and resubmit these pages with proper pagination.

SVOA and SVOA--SIM

1. **SVOA-SIM:** For Form 8A (pages 960 to 965), the IS3 should be phenanthrene-d10 and results for IS6 (1,4-Dichlorobenzene-d4) were omitted for all samples. Please correct and resubmit these pages with proper pagination.

2. **SVOA and SVOA-SIM:** The recoveries for 1,4-Dioxane-d8 (DMC1) were outside the QC limits for SVOA method blank SBLK12 and SVOA-SIM method blanks SBLK13 and SBLK38, but contract required reanalyses and/or re-extractions (SOM02.3, p. D-54/SVOA, sec. 12.1.2.5.2 and D-55/SVOA, sec. 12.1.2.6.3) were not performed. Please submit additional information or explain.

NOTE: Any laboratory resubmission should be submitted either as an addendum to the original CSF with a revised Form DC-2 or submitted as a new CSF with a new Form DC-2 except for replacement pages (SOM02.3, p. B-11, sec. 2.2.2). Custody seals are required only for regular mail shipments.

Please respond to the above items **within 5 business days** (SOM02.3, p. B-11, sec. 2.2.1) by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

F6R18

USEPA CLP COC (LAB COPY)

DateShipped: 12/11/2015
CarrierName: FedEx
AirbillNo: 859483220318

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: EPW14035

No: 6-121115-162946-0014

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0019	F6R18	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1137 (4 C), 1138 (4 C) (2)	P-03-SAND	12/09/2015 12:10	
277-0021	F6R20	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1151 (4 C), 1152 (4 C) (2)	WIL-AA-10	12/10/2015 12:50	
277-0022	F6R21	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1158 (4 C), 1159 (4 C) (2)	WIL-AA-11	12/10/2015 13:55	
277-0024	F6R23	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1172 (4 C), 1173 (4 C) (2)	WIL-41	12/10/2015 10:50	
277-0025	F6R24	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1179 (4 C), 1180 (4 C) (2)	TF-34-01	12/11/2015 10:05	
277-0026	F6R25	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1186 (4 C), 1187 (4 C) (2)	LOR-18	12/11/2015 11:20	
277-0027	F6R26	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1193 (4 C), 1194 (4 C) (2)	FD-03	12/11/2015 11:55	
277-0028	F6R27	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1200 (4 C), 1201 (4 C) (2)	LOR-25A	12/11/2015 13:55	
277-0029	F6R28	Soil/ SERAS	Discrete Interval	SVOAs/SVOASIMs(21)	1207 (4 C), 1208 (4 C) (2)	LOR-25A	12/11/2015 14:45	

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: SVOAs/SVOASIMs=SVOA/SVOASIM by SOM02.3 and MA#2544.1 (Soils)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
AW/ANALYSIS	LM SERAS	12/11/15 15:55			
			Lacey Goulding	12/12/15 0840	OK

T= 5.9 °C

Page 35 of 38

FGR18

USEPA CLP COC (LAB COPY)

DateShipped: 12/11/2015
CarrierName: FedEx
AirbillNo: 859483220329

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: BPW14035

No: 6-121115-161914-0012

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0025	F6R24	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1175 (4 C), 1176 (4 C), 1177 (4 C), 1178 (4 C) (4)	TF-34-01	12/11/2015 10:05	
277-0026	F6R25	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1182 (4 C), 1183 (4 C), 1184 (4 C), 1185 (4 C) (4)	LOR-18	12/11/2015 11:20	
277-0027	F6R26	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1189 (4 C), 1190 (4 C), 1191 (4 C), 1192 (4 C) (4)	FD-03	12/11/2015 11:55	
277-0028	F6R27	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1196 (4 C), 1197 (4 C), 1198 (4 C), 1199 (4 C) (4)	LOR-25A	12/11/2015 13:55	
277-0029	F6R28	Soil/ SERAS	Discrete Interval	VOAs(21), %Moist(21)	1203 (4 C), 1204 (4 C), 1205 (4 C), 1206 (4 C) (4)	LOR-25A	12/11/2015 14:45	

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: VOAs=VOA by SOM02.3 (soils), %Moist=Percent Moisture Determination

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	[signature] LMI SERAS	12/11/15 15:30			
			[signature]	12/12/15 0840	OK

T = 6.7°C

Page 36 of 38

Date: 11/09/2015	MA: 2544.1	Title: SVOA SIM Analysis with Additional Analytes and at Lower CRQLs
Method Source: SOM02.3	Method: Semivolatiles by SIM	
Matrix: Soil and Water		

Summary of Modification

The purpose of this modified analysis is to analyze soil and water samples using Selective Ion Monitoring (SIM) for the complete target analyte list (TAL) specified for SVOA SIM in Exhibit C with additional SVOA SIM target analytes at the specified CRQLs in Section I. The Laboratory shall proceed to the SVOA SIM analysis for any sample analyzed by the full scan analysis with any of the analytes in Section I that is either not detected or detected at concentration below the adjusted CRQL in the full scan analysis (reported with either "U" or "J" Lab Qualifier). Unless specified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications Not applicable ☐

Analyte	CAS Number	Water CRQL (ug/L)	Soil CRQL (ug/kg)
Naphthalene	91-20-3	0.050	1.7
2-Methylnaphthalene	91-57-6	0.050	1.7
Acenaphthylene	208-96-8	0.050	1.7
Acenaphthene	83-32-9	0.050	1.7
Fluorene	86-73-7	0.050	1.7
Pentachlorophenol	87-86-5	0.10	3.3
Phenanthrene	85-01-8	0.050	1.7
Anthracene	120-12-7	0.050	1.7
Fluoranthene	206-44-0	0.050	1.7
Pyrene	129-00-0	0.050	1.7
Benzo (a) anthracene	56-55-3	0.050	1.7
Chrysene	218-01-9	0.050	1.7
Benzo (b) fluoroanthene	205-99-2	0.050	1.7
Benzo (k) fluoroanthene	207-08-9	0.050	1.7
Benzo (a) pyrene	50-32-8	0.050	1.7
Indeno (1,2,3-cd) pyrene	193-39-5	0.050	1.7

Dibenzo(a,h)anthracene	53-70-3	0.050	1.7
Benzo(g,h,i)perylene	191-24-2	0.050	1.7
1, 4-Dioxane*	123-91-1	0.10	3.3
Bis (2-chloroethyl) ether*	111-44-4	0.10	3.3
2,2'-Oxybis (1-chloropropane)*	108-60-1	0.10	3.3
N-Nitroso-di-n propylamine*	621-64-7	0.050	1.7
Hexachloroethane*	67-72-1	0.10	3.3
Nitrobenzene*	98-95-3	0.10	3.3
4-Chloroaniline*	106-47-8	0.10	3.3
Hexachlorobutadiene*	87-68-3	0.10	3.3
2,4,6-Trichlorophenol*	88-06-2	0.10	3.3
1,1'-Biphenyl*	92-52-4	0.050	1.7
2,6-Dinitrotoluene*	606-20-2	0.050	1.7
2,4-Dinitrophenol*	51-28-5	1.0	33
Dibenzofuran*	132-64-9	0.050	1.7
2,4-Dinitrotoluene*	121-14-2	0.050	1.7
4,6-Dinitro-2-methylphenol*	534-52-1	0.10	3.3
1,2,4,5-Tetrachlorobenzene*	95-94-3	0.10	3.3
Hexachlorobenzene*	118-74-1	0.050	1.7
Atrazine*	1912-24-9	0.10	3.3
3,3'-Dichlorobenzidine*	91-94-1	0.10	3.3

**Designated as additional target analyte.*

ADDENDUM

Data Validation Report
Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

HoldingTimes_Preservation

NONE FOUND

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

TUNE

NONE FOUND

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

InitialCalibration

Method - Volatile Organics

Test Name: EXES-793
Defect Message: The following samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detects are qualified as estimated J. Use professional judgment to qualify nondetects.

Associated Samples: F6R24, F6R25, F6R26, F6R27, VBLKPE

Bromochloromethane	VSTD005PE
1,2,4-Trichlorobenzene	VSTD005PE

Method - Semivolatiles

Test Name: EXES-793
Defect Message: The following samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detects are qualified as estimated J. Use professional judgment to qualify nondetects.

Associated Samples: F6R18, F6R20, F6R21, F6R23, F6R24, F6R25, F6R26, F6R27, F6R28, SBLK12

2,6-Dinitrotoluene	SSTD005NG
2,4-Dinitrotoluene	SSTD005NG
2,3,4,6-Tetrachlorophenol	SSTD005NG

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

ContinuingCalibrationVerification

Method - Volatile Organics

Test Name: EXES-1209
Defect Message: The following samples are associated with an opening or closing CCV with % Difference exceeding criteria. Detecteds are qualified as estimated J. Nondetects are qualified as estimated UJ.

Associated Samples: F6R24, F6R25, F6R26, F6R27, VBLKPE

Chloroethane	VSTD050QA

Method - Semivolatiles by SIM

Test Name: EXES-1209
Defect Message: The following samples are associated with an opening or closing CCV with % Difference exceeding criteria. Detecteds are qualified as estimated J. Nondetects are qualified as estimated UJ.

Associated Samples: F6R23RX, F6R24RX, F6R25, F6R26RX, SBLK13, SBLK38

Acenaphthylene	SSTD0.2OW
Acenaphthene	SSTD0.2OW, SSTD0.2PC

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Blanks

Method - Volatile Organics

Test Name: EXES-1167
Defect Message: The following samples have the same tentatively identified compounds (TIC) detected as in the associated storage blank. TIC results reported in the associated storage blank exceed concentration criteria. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R24, F6R25, F6R26, F6R27

Unknown-01	F6R26, F6R24, F6R25, F6R27

Test Name: EXES-1174
Defect Message: The following samples were analyzed after a highly contaminated sample and have no preceding instrument blank. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R24, F6R25, F6R26, F6R27, VBLKPE, VBLKSA

Dichlorodifluoromethane	F6R26, F6R24, VBLKSA, VBLKPE, F6R27, F6R25
Chloromethane	VBLKSA, F6R24, F6R25, F6R26, VBLKPE, F6R27
Vinyl chloride	F6R26, F6R24, VBLKSA, F6R27, F6R25, VBLKPE
Bromomethane	F6R25, F6R26, F6R24, VBLKPE, F6R27, VBLKSA
Chloroethane	VBLKSA, VBLKPE, F6R26, F6R24, F6R27, F6R25
Trichlorofluoromethane	F6R25, F6R26, F6R24, VBLKSA, VBLKPE, F6R27
1,1-Dichloroethene	VBLKSA, F6R25, F6R24, VBLKPE, F6R27, F6R26
1,1,2-Trichloro-1,2,2-Trifluoroethane	F6R26, F6R25, VBLKPE, VBLKSA, F6R24, F6R27
Acetone	F6R24, VBLKPE, F6R27, F6R26, VBLKSA, F6R25
Carbon disulfide	F6R24, VBLKPE, F6R26, VBLKSA, F6R25, F6R27
Methyl acetate	F6R27, VBLKPE, F6R25, F6R24, VBLKSA, F6R26
Methylene chloride	F6R25, F6R26, F6R24, F6R27, VBLKPE, VBLKSA
trans-1,2-Dichloroethene	VBLKSA, VBLKPE, F6R25, F6R24, F6R26, F6R27
Methyl tert-butyl ether	F6R25, VBLKPE, VBLKSA, F6R27, F6R24, F6R26
1,1-Dichloroethane	VBLKPE, VBLKSA, F6R24, F6R26, F6R27, F6R25
cis-1,2-Dichloroethene	F6R26, F6R27, F6R25, F6R24, VBLKSA, VBLKPE
2-Butanone	VBLKPE, F6R27, F6R25, VBLKSA, F6R24, F6R26
Bromochloromethane	VBLKSA, F6R27, F6R24, VBLKPE, F6R26, F6R25
Chloroform	F6R26, VBLKPE, F6R24, VBLKSA, F6R25, F6R27

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-1174
Defect Message: The following samples were analyzed after a highly contaminated sample and have no preceding instrument blank. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R24, F6R25, F6R26, F6R27, VBLKPE, VBLKSA

1,1,1-Trichloroethane	F6R24, F6R25, VBLKSA, VBLKPE, F6R26, F6R27
Cyclohexane	VBLKSA, F6R24, F6R25, F6R27, VBLKPE, F6R26
Carbon tetrachloride	F6R25, F6R24, F6R27, VBLKPE, F6R26, VBLKSA
Benzene	F6R26, F6R27, VBLKSA, F6R24, VBLKPE, F6R25
1,2-Dichloroethane	F6R26, VBLKSA, VBLKPE, F6R25, F6R27, F6R24
Trichloroethene	VBLKPE, F6R25, F6R26, VBLKSA, F6R27, F6R24
Methylcyclohexane	VBLKSA, F6R25, VBLKPE, F6R26, F6R24, F6R27
1,2-Dichloropropane	F6R27, F6R25, F6R24, F6R26, VBLKPE, VBLKSA
Bromodichloromethane	VBLKSA, F6R26, F6R25, F6R24, VBLKPE, F6R27
cis-1,3-Dichloropropene	F6R27, VBLKPE, F6R25, F6R26, VBLKSA, F6R24
4-Methyl-2-pentanone	F6R25, VBLKSA, VBLKPE, F6R27, F6R26, F6R24
Toluene	F6R25, VBLKPE, VBLKSA, F6R24, F6R26, F6R27
trans-1,3-Dichloropropene	VBLKPE, F6R24, F6R26, F6R27, VBLKSA, F6R25
1,1,2-Trichloroethane	F6R26, F6R25, F6R27, F6R24, VBLKPE, VBLKSA
Tetrachloroethene	F6R24, F6R25, VBLKSA, F6R27, F6R26, VBLKPE
2-Hexanone	VBLKSA, F6R27, F6R25, VBLKPE, F6R24, F6R26
Dibromochloromethane	F6R26, VBLKPE, F6R27, F6R25, F6R24, VBLKSA
1,2-Dibromoethane	F6R25, F6R26, VBLKSA, VBLKPE, F6R24, F6R27
Chlorobenzene	F6R27, F6R25, F6R24, VBLKSA, F6R26, VBLKPE
Ethylbenzene	F6R26, F6R27, VBLKSA, F6R24, VBLKPE, F6R25
o-Xylene	VBLKPE, F6R27, F6R25, F6R24, F6R26, VBLKSA
m, p-Xylene	VBLKSA, F6R26, F6R25, F6R24, VBLKPE, F6R27
Styrene	F6R24, VBLKSA, F6R26, F6R27, VBLKPE, F6R25
Bromoform	F6R24, VBLKPE, F6R26, F6R25, VBLKSA, F6R27
Isopropylbenzene	F6R24, F6R26, VBLKSA, F6R25, F6R27, VBLKPE
1,1,2,2-Tetrachloroethane	VBLKSA, F6R27, F6R24, F6R25, F6R26, VBLKPE
1,3-Dichlorobenzene	F6R25, F6R26, VBLKSA, F6R27, VBLKPE, F6R24
1,4-Dichlorobenzene	F6R25, F6R26, VBLKPE, F6R27, VBLKSA, F6R24
1,2-Dichlorobenzene	F6R26, F6R24, F6R25, VBLKPE, VBLKSA, F6R27
1,2-Dibromo-3-chloropropane	F6R24, F6R26, F6R27, VBLKSA, F6R25, VBLKPE
1,2,4-Trichlorobenzene	VBLKPE, F6R27, F6R25, F6R24, VBLKSA, F6R26
1,2,3-Trichlorobenzene	VBLKSA, F6R25, F6R27, F6R26, VBLKPE, F6R24
1-Methyldecahydronaphthalene	F6R25
1-Phenyl-1-butene	F6R25
1H-Indene, 2,3-dihydro-1,2-dimethyl-	F6R24
1H-Indene, 2,3-dihydro-1,6-dimethyl-	F6R24
1H-Indene, 2,3-dihydro-4,6-dimethyl-	F6R24

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-1174
Defect Message: The following samples were analyzed after a highly contaminated sample and have no preceding instrument blank. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R24, F6R25, F6R26, F6R27, VBLKPE, VBLKSA

1H-Indene, 2,3-dihydro-5-methyl-	F6R24
2-Butene, 3-chloro-1-phenyl-, (Z)-	F6R26
2-Norbornanone, 1,3,7,7-tetramethyl-, ox	F6R27
Benzene, (1,2-dimethyl-1-propenyl)-	F6R24, F6R25
Benzene, (2-methyl-1-butenyl)-	F6R26
Benzene, 1,2,3,4-tetramethyl-	F6R24, F6R26
Benzene, 1,2,3-trimethyl-	F6R24
Benzene, 1,2,4,5-tetramethyl-	F6R24
Benzene, 1,3-diethyl-	F6R25
Benzene, 1,3-diethyl-5-methyl-	F6R24
Benzene, 1,4-diethyl-	F6R24
Benzene, 1-(1-methylethenyl)-2-(1-methyl	F6R26
Benzene, 1-ethyl-2,3-dimethyl-	F6R25, F6R24
Benzene, 1-ethyl-2,4-dimethyl-	F6R25, F6R24
Benzene, 1-ethyl-2-methyl-	F6R24
Benzene, 1-ethyl-3-methyl-	F6R24
Benzene, 1-methyl-3-propyl-	F6R24
Benzene, 1-methyl-4-propyl-	F6R24
Benzene, 2,4-diethyl-1-methyl-	F6R25
Benzene, 2-ethenyl-1,4-dimethyl-	F6R25
Benzene, 2-ethyl-1,4-dimethyl-	F6R24
Benzene, 4-ethyl-1,2-dimethyl-	F6R24
Decane	F6R24
Indan, 1-methyl-	F6R24
Naphthalene	F6R24
Naphthalene, 1,2,3,4-tetrahydro-1,1,6-tr	F6R27
Naphthalene, 1,2,3,4-tetrahydro-1-methyl	F6R24
Naphthalene, 1-methyl-	F6R24
Naphthalene, 2-methyl-	F6R24
Naphthalene, decahydro-2,6-dimethyl-	F6R27
Naphthalene, decahydro-2-methyl-	F6R26
Pentalene, octahydro-2-methyl-	F6R26
Unknown Alkane-01	F6R24, F6R26, F6R25
Unknown Alkane-02	F6R24, F6R25, F6R26
Unknown Alkane-03	F6R25, F6R24, F6R26
Unknown Alkane-04	F6R25, F6R24
Unknown-01	F6R25, F6R27, VBLKSA, F6R26, F6R24

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-1174
Defect Message: The following samples were analyzed after a highly contaminated sample and have no preceding instrument blank. Detects are not qualified. Nondetects are not qualified. Use professional judgement to qualify data.

Associated Samples: F6R24, F6R25, F6R26, F6R27, VBLKPE, VBLKSA

Unknown-02	F6R25, F6R26, F6R27, F6R24
Unknown-03	F6R24, F6R27, F6R25, F6R26
Unknown-04	F6R24, F6R26, F6R27, F6R25
Unknown-05	F6R25, F6R24, F6R26, F6R27
Unknown-06	F6R26, F6R27, F6R25, F6R24
Unknown-07	F6R27, F6R25, F6R24, F6R26
Unknown-08	F6R27, F6R24, F6R25, F6R26
Unknown-09	F6R25, F6R27, F6R26
Unknown-10	F6R26, F6R25, F6R27
Unknown-11	F6R25, F6R27, F6R26
Unknown-12	F6R26, F6R25, F6R27
Unknown-13	F6R27, F6R25, F6R26
Unknown-14	F6R26, F6R25, F6R27
Unknown-15	F6R27, F6R26, F6R25
Unknown-16	F6R27, F6R26, F6R25
Unknown-17	F6R27, F6R26
Unknown-18	F6R26, F6R27
Unknown-19	F6R27, F6R26
Unknown-20	F6R27
Unknown-21	F6R27
Unknown-22	F6R27
Unknown-23	F6R27
Unknown-24	F6R27
Unknown-25	F6R27
o-Cymene	F6R24, F6R26, F6R25
p-Cymene	F6R24
trans,trans-1,6-Dimethylspiro[4.5]decane	F6R27
trans-Decalin, 2-methyl-	F6R25, F6R26

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-1104
Defect Message: The following samples have analyte results reported less than CRQLs. The associated method blank results are less than CRQLs. Detects are qualified U. Sample results have been reported at CRQLs.

Associated Samples: F6R20, F6R21, F6R27

Naphthalene	F6R20
2-Methylnaphthalene	F6R27, F6R20, F6R21

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

DMC_Surrogate

Method - Volatile Organics

Test Name: EXES-982
Defect Message: The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified as estimated J+. Use professional judgment to qualify nondetects.

Associated Samples: F6R24, F6R25, F6R26, VIBLK60, VIBLK61, VIBLK62, VIBLK63

Chloroethane-d5	VIBLK63
1,1-Dichloroethene-d2	VIBLK62, VIBLK63, F6R25
2-Butanone-d5	VIBLK60, VIBLK61, VIBLK62
Chloroform-d	VIBLK60
Benzene-d6	F6R24
1,2-Dichloropropane-d6	F6R24, F6R26
Toluene-d8	F6R24
1,1,2,2-Tetrachloroethane-d2	F6R25, VIBLK61
1,2-Dichlorobenzene-d4	F6R25, F6R24

Method - Semivolatiles

Test Name: EXES-1346
Defect Message: The following samples have DMC/surrogate percent recoveries less than the primary minimum criteria. Detects are qualified as estimated J-. Nondetects are qualified as estimated UJ.

Associated Samples: F6R23, F6R24

Phenol-d5	F6R23
4-Methylphenol-d8	F6R23
Nitrobenzene-d5	F6R23
2-Nitrophenol-d4	F6R23
2,4-Dichlorophenol-d3	F6R23
4,6-Dinitro-2-methylphenol-d2	F6R24

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-787
Defect Message: The following samples have DMC/surrogate percent recoveries less than the expanded minimum criteria. Detects are qualified as estimated J-. Nondetects are qualified as unusable R.

Associated Samples: F6R23

1,4-Dioxane-d8	F6R23
2-Chlorophenol-d4	F6R23

Test Name: EXES-973
Defect Message: The following method blanks have DMC/surrogate percent recoveries outside criteria. Detects are not qualified. Nondetects are not qualified. Use professional judgment to qualify data.

Associated Samples: SBLK12

1,4-Dioxane-d8	SBLK12

Test Name: EXES-982
Defect Message: The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified as estimated J+. Use professional judgment to qualify nondetects.

Associated Samples: F6R23, F6R24, F6R25, F6R26

4-Chloroaniline-d4	F6R24, F6R25, F6R26, F6R23
4-Nitrophenol-d4	F6R25, F6R26, F6R23
4,6-Dinitro-2-methylphenol-d2	F6R23

Method - Semivolatiles by SIM

Test Name: EXES-787
Defect Message: The following samples have DMC/surrogate percent recoveries less than the expanded minimum criteria. Detects are qualified as estimated J-. Nondetects are qualified as unusable R.

Associated Samples: F6R23, F6R23RX, F6R24, F6R25, F6R26, F6R27

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

Test Name: EXES-787
Defect Message: The following samples have DMC/surrogate percent recoveries less than the expanded minimum criteria. Detects are qualified as estimated J-. Nondetects are qualified as unusable R.

Associated Samples: F6R23, F6R23RX, F6R24, F6R25, F6R26, F6R27

Fluoranthene-d10	F6R24, F6R23, F6R26, F6R25
2-Methylnaphthalene-d10	F6R23RX, F6R26, F6R24, F6R23, F6R27, F6R25

Test Name: EXES-982
Defect Message: The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified as estimated J+. Use professional judgment to qualify nondetects.

Associated Samples: F6R20, F6R23RX, F6R24RX, F6R26RX, F6R27

Fluoranthene-d10	F6R27, F6R20, F6R26RX, F6R24RX, F6R23RX
2-Methylnaphthalene-d10	F6R20, F6R26RX, F6R24RX

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

MatrixSpikes

NONE FOUND

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

InternalStandard

Method - Semivolatiles

Test Name: EXES-1524
Defect Message: The following samples have internal standard area response greater than maximum criteria. Detected compounds are qualified estimated J-. Nondetects are not qualified.

Associated Samples: F6R23, F6R25, F6R26

Naphthalene-d8	F6R26, F6R23, F6R25

Method - Semivolatiles by SIM

Test Name: EXES-1524
Defect Message: The following samples have internal standard area response greater than maximum criteria. Detected compounds are qualified estimated J-. Nondetects are not qualified.

Associated Samples: F6R23, F6R24, F6R25, F6R26

Naphthalene-d8	F6R26, F6R24
Acenaphthene-d10	F6R23, F6R26, F6R25, F6R24
Phenanthrene-d10	F6R25, F6R24, F6R26
Chrysene-d12	F6R26, F6R24, F6R25, F6R23

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

PercentSolids

NONE FOUND

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
Lab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

SampleAnalysis

NONE FOUND

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
ab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

DetectionLimit

Method - Semivolatiles

est Name: EXES-790
efect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified s estimated J.

ssociated Samples: F6R20, F6R21, F6R23, F6R24, F6R25, F6R26

enol	F6R21, F6R20
aphthalene	F6R23, F6R26, F6R24
Methylnaphthalene	F6R26, F6R25
enaphthene	F6R23
enanthrene	F6R26, F6R24, F6R25
thracene	F6R24, F6R23
rene	F6R23
nzo(a)anthracene	F6R23
rysene	F6R24, F6R23

Method - Semivolatiles by SIM

est Name: EXES-790
efect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified s estimated J.

ssociated Samples: F6R20, F6R21, F6R23RX, F6R24, F6R25, F6R26, F6R26RX, F6R27, SBLK13

aphthalene	F6R20, SBLK13
Methylnaphthalene	F6R21, F6R27, F6R20, SBLK13
thracene	F6R26RX
uoranthene	F6R26RX
rene	F6R26RX
rysene	F6R26RX
nzo(k)fluoranthene	F6R26, F6R25

Data Validation Report

Data Review Results

Tue, 5 Jan 2016 10:51:29

Lab Code: EQI	SDG: F6R18	Contract: EPW14035	Submission Group Id: 30115344
.ab Name: Shealy Environmental Services, Inc.	Case: 45671	Client: EPA Region 6	SOW: SOM02.3

est Name: EXES-790

efect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified ; estimated J.

ssociated Samples: F6R20, F6R21, F6R23RX, F6R24, F6R25, F6R26, F6R26RX, F6R27, SBLK13

:nzo(a)pyrene	F6R26
deno(1,2,3-cd)pyrene	F6R23RX, F6R25
ibenzo(a,h)anthracene	F6R23RX, F6R24
:nzo(g,h,i)perylene	F6R23RX, F6R26, F6R25, F6R26RX

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

January 26, 2016

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

Raymond Flores

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Katrina Coltrain, Remedial Project Manager (6SF-RL)

Site: **WILCOX OIL**

Case#: **45671**

SDG#: **F6R29**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: January 22, 2016

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Wallace Doong, Data Reviewer, ESAT WD

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-13-026
TO No.:	002
Task/Sub-Task:	2-11
ESAT Doc. No.:	1602-211-0055
TDF No.:	6-16-123A
ESAT File No.:	O-1320

Attached is the data review summary for Case # 45671
SDG # F6R29
Site Wilcox Oil

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099
ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	45671	SITE	Wilcox Oil
LABORATORY	EQI	NO. OF SAMPLES	8
CONTRACT#	EP-W-14-035	MATRIX	Water
SDG#	F6R29	REVIEWER (IF NOT ESB)	ESAT
SOW#	SOM02.3/MA2544.1 & 2545.1	REVIEWER'S NAME	Wallace Doong
SF#	303DD2GG	COMPLETION DATE	January 22, 2016

SAMPLE NO.					
	F6R29	F6R34			
	F6R30	F6R35			
	F6R32	F6R36			
	F6R33	F6R39			

DATA ASSESSMENT SUMMARY

	TVOA	TVOA-SIM	SVOA	SVOA-SIM
1. HOLDING TIMES	O	O	O	O
2. GC/MS TUNE/INSTR. PERFORM.	O	O	O	O
3. CALIBRATIONS	O	M	O	M
4. BLANKS	M	M	M	O
5. DMC/SURROGATES	O	O	O	O
6. MATRIX SPIKE/DUPLICATE/LCS	N/A	N/A	N/A	N/A
7. OTHER QC	N/A	N/A	N/A	N/A
8. INTERNAL STANDARDS	O	O	O	O
9. COMPOUND ID/QUANTITATION	M	O	M	O
10. PERFORMANCE/COMPLETENESS	O	O	O	O
11. OVERALL ASSESSMENT	M	M	M	M

O = Data had no problems.
M = Data qualified because of major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREA OF CONCERN: **TVOA** Two acetone were raised above the CRQL because of shipping contamination. Sample F6R33 had inconsistent 1,1,2-trichloroethane results between analyses. **TVOA-SIM** Chloroform failed the technical %RSD and %D calibration criteria. Two chloroform were raised above the CRQL because of laboratory contamination. **SVOA** One phenol, one 2-methylphenol, one 4-methyl-phenol, and two 2,4-dimethylphenol were raised above the CRQLs because of laboratory contamination. Sample F6R32 had inconsistent 4-methylphenol results between analyses. **SVOA-SIM** Acenaphthylene failed the technical %D calibration criteria.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 45671 **SDG** F6R29 **SITE** Wilcox Oil **LAB** EQI

COMMENTS: This SDG consisted of eight water samples for TVOA, TVOA-SIM, SVOA, and/or SVOA-SIM analyses following CLP SOW SOM02.3. The samples were also subject to Modified Analysis Requests 2544.1 and 2545.1 (MA 2544.1 and 2545.1), which required the laboratory to analyze the samples for additional 15 TVOA and 19 SVOA compounds and lower CRQLs for the TVOA-SIM and SVOA-SIM analyses. Samples F6R39 and F6R30 only required TVOA/TVOA-SIM and SVOA/SVOA-SIM analyses, respectively. MS/MSD analyses were not requested for this case.

S4VEM Review was performed for this package as requested by the Region. The target compounds of concern with the required CRQLs are listed in MA 2544.1 and 2545.1 (pages 37 to 39 of this report). Although both the full scan and SIM analysis results were available for all TVOA and SVOA samples, the SIM analysis results are designated for use only when the corresponding full scan analysis results were non-detects or below the CRQLs. The target compounds of concern reported at concentrations above the CRQLs were 1,1,2-trichloroethane, benzene and/or chloroform in TVOA/TVOA-SIM samples F6R32 and F6R33 and dibenzofuran and/or PAHs in SVOA-SIM samples F6R29, F6R30, F6R33, and F6R34.

TVOA Because of high matrix background, the laboratory initially analyzed samples F6R32 and F6R34 at 500X and 20X dilution, respectively. The laboratory also diluted (5X) and reanalyzed sample F6R33 because of high concentrations of xylenes.

SVOA Because of laboratory contamination and outlying DMC recoveries for the method blank, the laboratory re-extracted all samples except sample F6R32. The original analysis results were recommended for use because the re-extractions exceeded the holding time limit. Samples F6R30, F6R32, F6R33, and F6R34 were concentrated to a larger final extract volume and/or analyzed at dilution (up to 20X) because of high matrix background. Sample F6R32 was further diluted (1,000X and 2,000X) and reanalyzed because of high concentrations of phenols.

SVOA-SIM Samples F6R30, F6R32, F6R33, and F6R34 were concentrated to a larger final extract volume and/or analyzed at dilution (up to 20X) because of high matrix background. Samples F6R32 and F6R33 were reanalyzed because of outlying IS responses. The reanalyses repeated the problem, demonstrating matrix effect. The results from the original analyses were recommended for use for samples F6R32 and F6R33.

OVERALL ASSESSMENT: Some results were qualified for two TVOA, all TVOA-SIM, three SVOA, and all SVOA-SIM samples because of problems with laboratory/shipping contamination, calibration, and/or compound quantitation. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

The laboratory was contacted for some CSF deliverable and reporting issues (see Resubmission Request). The laboratory response may impact the DST.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
EDM	EXES Data Manager
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number

SDG: SDG Number

EPASAMP: EPA Sample Number

LABID: Laboratory File/Sample ID

MATRIX: Sample Matrix

ANDATE: Sample Analysis Date

ANTIME: Sample Analysis Time

CASNUM: Compound CAS Number

ANALYTE: Compound Name

CONC: Compound Concentration

VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)

UNITS: Concentration Units

ADJCRQL: Adjusted Contract Required Quantitation Limit Value

SMPDATE: Sampling Date

STATLOC: Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

N Identification is tentative.

J Estimated value.

L Reported concentration is below the CRQL.

M Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.

R Unusable.

^ High biased. Actual concentration may be lower than the concentration reported.

v Low biased. Actual concentration may be higher than the concentration reported.

F+ A false positive exists.

F- A false negative exists.

UJ Estimated quantitation limit.

T Identification is questionable because of absence of other commonly coexisting pesticides.

C Identification of pesticide or Aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).

X Identification of pesticide or Aroclor could not be confirmed by GC/MS when attempted.

***** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	67-64-1	Acetone	5.4	UM	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	67-66-3	Chloroform	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	56-23-5	Carbon tetrachloride	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	71-43-2	Benzene	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	107-06-2	1,2-Dichloroethane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	78-87-5	1,2-Dichloropropane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-27-4	Bromodichloromethane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	108-10-1	4-Methyl-2-pentanone	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	108-88-3	Toluene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	79-00-5	1,1,2-Trichloroethane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	591-78-6	2-Hexanone	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	106-93-4	1,2-Dibromoethane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	179601-23-1	m, p-Xylene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	100-42-5	Styrene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	106-46-7	1,4-Dichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/21/2015	19:23:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	TF-34-DISCH

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	87-61-6	1,2,3-Trichlorobenzene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	106-46-7	1,4-Dichlorobenzene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	96-12-8	1,2-Dibromo-3-chloropropane	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	120-82-1	1,2,4-Trichlorobenzene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	106-93-4	1,2-Dibromoethane	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	591-78-6	2-Hexanone	0.50	U	ug/L	0.50	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	79-00-5	1,1,2-Trichloroethane	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	10061-01-5	cis-1,3-Dichloropropene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	75-27-4	Bromodichloromethane	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	78-87-5	1,2-Dichloropropane	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	107-06-2	1,2-Dichloroethane	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	71-43-2	Benzene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	56-23-5	Carbon tetrachloride	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/23/2015	09:05:00	67-66-3	Chloroform	0.050	UJ	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-71-8	Dichlorodifluoromethane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	74-87-3	Chloromethane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-01-4	Vinyl chloride	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	74-83-9	Bromomethane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-00-3	Chloroethane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-69-4	Trichlorofluoromethane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-35-4	1,1-Dichloroethene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	67-64-1	Acetone	5400		ug/L	2500	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-15-0	Carbon disulfide	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	79-20-9	Methyl acetate	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-09-2	Methylene chloride	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	156-60-5	trans-1,2-Dichloroethene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	1634-04-4	Methyl tert-butyl ether	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-34-3	1,1-Dichloroethane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	156-59-2	cis-1,2-Dichloroethene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	78-93-3	2-Butanone	1700	LJ	ug/L	2500	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	74-97-5	Bromochloromethane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	67-66-3	Chloroform	140	*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	71-55-6	1,1,1-Trichloroethane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	110-82-7	Cyclohexane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	56-23-5	Carbon tetrachloride	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	71-43-2	Benzene	140	*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	107-06-2	1,2-Dichloroethane	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	79-01-6	Trichloroethene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	108-87-2	Methylcyclohexane	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	78-87-5	1,2-Dichloropropane	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-27-4	Bromodichloromethane	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	10061-01-5	cis-1,3-Dichloropropene	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	108-10-1	4-Methyl-2-pentanone	2500	U	ug/L	2500	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	108-88-3	Toluene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	10061-02-6	trans-1,3-Dichloropropene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	79-00-5	1,1,2-Trichloroethane	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	127-18-4	Tetrachloroethene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	591-78-6	2-Hexanone	2500	U*	ug/L	2500	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	124-48-1	Dibromochloromethane	250	U	ug/L	250	12/14/2015	AA-GW-03

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	106-93-4	1,2-Dibromoethane	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	108-90-7	Chlorobenzene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	100-41-4	Ethylbenzene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	95-47-6	o-Xylene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	179601-23-1	m, p-Xylene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	100-42-5	Styrene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	75-25-2	Bromoform	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	98-82-8	Isopropylbenzene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	79-34-5	1,1,2,2-Tetrachloroethane	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	541-73-1	1,3-Dichlorobenzene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	106-46-7	1,4-Dichlorobenzene	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	95-50-1	1,2-Dichlorobenzene	250	U	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	96-12-8	1,2-Dibromo-3-chloropropane	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	120-82-1	1,2,4-Trichlorobenzene	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	12:58:00	87-61-6	1,2,3-Trichlorobenzene	250	U*	ug/L	250	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	71-43-2	Benzene	2400		ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	87-61-6	1,2,3-Trichlorobenzene	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	67-66-3	Chloroform	1100	J	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	107-06-2	1,2-Dichloroethane	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	78-87-5	1,2-Dichloropropane	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	75-27-4	Bromodichloromethane	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	10061-01-5	cis-1,3-Dichloropropene	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	79-00-5	1,1,2-Trichloroethane	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	591-78-6	2-Hexanone	6300	U	ug/L	6300	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	106-93-4	1,2-Dibromoethane	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	79-34-5	1,1,2,2-Tetrachloroethane	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	106-46-7	1,4-Dichlorobenzene	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	96-12-8	1,2-Dibromo-3-chloropropane	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	120-82-1	1,2,4-Trichlorobenzene	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/23/2015	13:56:00	56-23-5	Carbon tetrachloride	630	U	ug/L	630	12/14/2015	AA-GW-03
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	67-64-1	Acetone	22	UM	ug/L	5.0	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-09-2	Methylene chloride	0.42	LJ	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	78-93-3	2-Butanone	5.7		ug/L	5.0	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	67-66-3	Chloroform	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	56-23-5	Carbon tetrachloride	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	71-43-2	Benzene	16		ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	107-06-2	1,2-Dichloroethane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	108-87-2	Methylcyclohexane	11		ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	78-87-5	1,2-Dichloropropane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-27-4	Bromodichloromethane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	108-10-1	4-Methyl-2-pentanone	5.0	U	ug/L	5.0	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	108-88-3	Toluene	18		ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	79-00-5	1,1,2-Trichloroethane	9.0	J	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	591-78-6	2-Hexanone	5.0	U*	ug/L	5.0	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	106-93-4	1,2-Dibromoethane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	100-41-4	Ethylbenzene	16		ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	12:32:00	95-47-6	o-Xylene	32		ug/L	2.5	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	12:32:00	179601-23-1	m, p-Xylene	57		ug/L	2.5	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	100-42-5	Styrene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	98-82-8	Isopropylbenzene	7.2		ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	106-46-7	1,4-Dichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/21/2015	20:42:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	87-61-6	1,2,3-Trichlorobenzene	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	106-46-7	1,4-Dichlorobenzene	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	96-12-8	1,2-Dibromo-3-chloropropane	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	120-82-1	1,2,4-Trichlorobenzene	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	106-93-4	1,2-Dibromoethane	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	591-78-6	2-Hexanone	2.5	U	ug/L	2.5	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	79-00-5	1,1,2-Trichloroethane	0.25	U*	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	10061-01-5	cis-1,3-Dichloropropene	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	75-27-4	Bromodichloromethane	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	78-87-5	1,2-Dichloropropane	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	107-06-2	1,2-Dichloroethane	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	71-43-2	Benzene	15	*	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	56-23-5	Carbon tetrachloride	0.25	U	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/23/2015	10:52:00	67-66-3	Chloroform	0.39	UMJ	ug/L	0.25	12/14/2015	TF-34-01
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-71-8	Dichlorodifluoromethane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	74-87-3	Chloromethane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-01-4	Vinyl chloride	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	74-83-9	Bromomethane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-00-3	Chloroethane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-69-4	Trichlorofluoromethane	10	U	ug/L	10	12/14/2015	LOR-18

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-35-4	1,1-Dichloroethene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	67-64-1	Acetone	100	U	ug/L	100	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-15-0	Carbon disulfide	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	79-20-9	Methyl acetate	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-09-2	Methylene chloride	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	156-60-5	trans-1,2-Dichloroethene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	1634-04-4	Methyl tert-butyl ether	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-34-3	1,1-Dichloroethane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	156-59-2	cis-1,2-Dichloroethene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	78-93-3	2-Butanone	100	U	ug/L	100	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	74-97-5	Bromochloromethane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	67-66-3	Chloroform	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	71-55-6	1,1,1-Trichloroethane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	110-82-7	Cyclohexane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	56-23-5	Carbon tetrachloride	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	71-43-2	Benzene	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	107-06-2	1,2-Dichloroethane	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	79-01-6	Trichloroethene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	108-87-2	Methylcyclohexane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	78-87-5	1,2-Dichloropropane	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-27-4	Bromodichloromethane	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	10061-01-5	cis-1,3-Dichloropropene	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	108-10-1	4-Methyl-2-pentanone	100	U	ug/L	100	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	108-88-3	Toluene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	10061-02-6	trans-1,3-Dichloropropene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	79-00-5	1,1,2-Trichloroethane	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	127-18-4	Tetrachloroethene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	591-78-6	2-Hexanone	100	U*	ug/L	100	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	124-48-1	Dibromochloromethane	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	106-93-4	1,2-Dibromoethane	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	108-90-7	Chlorobenzene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	100-41-4	Ethylbenzene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	95-47-6	o-Xylene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	179601-23-1	m, p-Xylene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	100-42-5	Styrene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	75-25-2	Bromoform	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	98-82-8	Isopropylbenzene	29		ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	79-34-5	1,1,2,2-Tetrachloroethane	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	541-73-1	1,3-Dichlorobenzene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	106-46-7	1,4-Dichlorobenzene	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	95-50-1	1,2-Dichlorobenzene	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	96-12-8	1,2-Dibromo-3-chloropropane	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	120-82-1	1,2,4-Trichlorobenzene	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/21/2015	21:35:00	87-61-6	1,2,3-Trichlorobenzene	10	U*	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	71-43-2	Benzene	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	87-61-6	1,2,3-Trichlorobenzene	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	67-66-3	Chloroform	1.6	UMJ	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	107-06-2	1,2-Dichloroethane	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	78-87-5	1,2-Dichloropropane	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	75-27-4	Bromodichloromethane	1.0	U	ug/L	1.0	12/14/2015	LOR-18

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	10061-01-5	cis-1,3-Dichloropropene	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	79-00-5	1,1,2-Trichloroethane	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	591-78-6	2-Hexanone	10	U	ug/L	10	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	106-93-4	1,2-Dibromoethane	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	106-46-7	1,4-Dichlorobenzene	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	120-82-1	1,2,4-Trichlorobenzene	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/23/2015	13:29:00	56-23-5	Carbon tetrachloride	1.0	U	ug/L	1.0	12/14/2015	LOR-18
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	67-64-1	Acetone	5.0	U	ug/L	5.0	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	67-66-3	Chloroform	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	56-23-5	Carbon tetrachloride	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	71-43-2	Benzene	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	107-06-2	1,2-Dichloroethane	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	78-87-5	1,2-Dichloropropane	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-27-4	Bromodichloromethane	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	108-10-1	4-Methyl-2-pentanone	5.0	U	ug/L	5.0	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	108-88-3	Toluene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	79-00-5	1,1,2-Trichloroethane	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	591-78-6	2-Hexanone	5.0	U*	ug/L	5.0	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	106-93-4	1,2-Dibromoethane	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	179601-23-1	m, p-Xylene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	100-42-5	Styrene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	106-46-7	1,4-Dichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/21/2015	19:49:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	67-66-3	Chloroform	0.050	UJ	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	56-23-5	Carbon tetrachloride	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	71-43-2	Benzene	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	107-06-2	1,2-Dichloroethane	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	78-87-5	1,2-Dichloropropane	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	75-27-4	Bromodichloromethane	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	10061-01-5	cis-1,3-Dichloropropene	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	79-00-5	1,1,2-Trichloroethane	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	591-78-6	2-Hexanone	0.50	U	ug/L	0.50	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	106-93-4	1,2-Dibromoethane	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	106-46-7	1,4-Dichlorobenzene	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	96-12-8	1,2-Dibromo-3-chloropropane	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	120-82-1	1,2,4-Trichlorobenzene	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/23/2015	09:32:00	87-61-6	1,2,3-Trichlorobenzene	0.050	U	ug/L	0.050	12/14/2015	POND DISCH
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	67-64-1	Acetone	5.0	U	ug/L	5.0	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-09-2	Methylene chloride	0.21	LJ	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	67-66-3	Chloroform	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	56-23-5	Carbon tetrachloride	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	71-43-2	Benzene	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	107-06-2	1,2-Dichloroethane	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	78-87-5	1,2-Dichloropropane	0.50	U*	ug/L	0.50	12/14/2015	FD-04

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-27-4	Bromodichloromethane	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	108-10-1	4-Methyl-2-pentanone	5.0	U	ug/L	5.0	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	108-88-3	Toluene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	79-00-5	1,1,2-Trichloroethane	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	591-78-6	2-Hexanone	5.0	U*	ug/L	5.0	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	106-93-4	1,2-Dibromoethane	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	179601-23-1	m, p-Xylene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	100-42-5	Styrene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	106-46-7	1,4-Dichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/21/2015	20:15:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U*	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	67-66-3	Chloroform	0.050	UJ	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	56-23-5	Carbon tetrachloride	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	87-61-6	1,2,3-Trichlorobenzene	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	120-82-1	1,2,4-Trichlorobenzene	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	96-12-8	1,2-Dibromo-3-chloropropane	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	106-46-7	1,4-Dichlorobenzene	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	106-93-4	1,2-Dibromoethane	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	591-78-6	2-Hexanone	0.50	U	ug/L	0.50	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	79-00-5	1,1,2-Trichloroethane	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	10061-01-5	cis-1,3-Dichloropropene	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	75-27-4	Bromodichloromethane	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	78-87-5	1,2-Dichloropropane	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	107-06-2	1,2-Dichloroethane	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/23/2015	09:59:00	71-43-2	Benzene	0.050	U	ug/L	0.050	12/14/2015	FD-04
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	67-64-1	Acetone	3.2	LJ	ug/L	5.0	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	12/15/2015	TB-05

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	67-66-3	Chloroform	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	56-23-5	Carbon tetrachloride	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	71-43-2	Benzene	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	107-06-2	1,2-Dichloroethane	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	78-87-5	1,2-Dichloropropane	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-27-4	Bromodichloromethane	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	108-10-1	4-Methyl-2-pentanone	5.0	U	ug/L	5.0	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	108-88-3	Toluene	0.14	LJ	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	79-00-5	1,1,2-Trichloroethane	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	591-78-6	2-Hexanone	5.0	U*	ug/L	5.0	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	106-93-4	1,2-Dibromoethane	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	179601-23-1	m, p-Xylene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	100-42-5	Styrene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	75-25-2	Bromoform	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	106-46-7	1,4-Dichlorobenzene	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39	QL16010-007	W	12/21/2015	15:50:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U*	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	67-66-3	Chloroform	0.050	UJ	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	87-61-6	1,2,3-Trichlorobenzene	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	96-12-8	1,2-Dibromo-3-chloropropane	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	106-46-7	1,4-Dichlorobenzene	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	106-93-4	1,2-Dibromoethane	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	591-78-6	2-Hexanone	0.50	U	ug/L	0.50	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	79-00-5	1,1,2-Trichloroethane	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	10061-01-5	cis-1,3-Dichloropropene	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	75-27-4	Bromodichloromethane	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	78-87-5	1,2-Dichloropropane	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	107-06-2	1,2-Dichloroethane	0.050	U	ug/L	0.050	12/15/2015	TB-05

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	71-43-2	Benzene	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	56-23-5	Carbon tetrachloride	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R39 (SIM)	QL16010-007	W	12/23/2015	10:25:00	120-82-1	1,2,4-Trichlorobenzene	0.050	U	ug/L	0.050	12/15/2015	TB-05
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	123-91-1	1,4-Dioxane	2.0	U*	ug/L	2.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	100-52-7	Benzaldehyde	9.9	U	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	108-95-2	Phenol	14	UM	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	111-44-4	Bis(2-Chloroethyl) ether	9.9	U*	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	95-57-8	2-Chlorophenol	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	95-48-7	2-Methylphenol	49		ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	108-60-1	2,2'-Oxybis(1-chloropropane)	9.9	U*	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	98-86-2	Acetophenone	9.9	U	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	106-44-5	4-Methylphenol	25		ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	621-64-7	N-Nitroso-di-n propylamine	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	67-72-1	Hexachloroethane	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	98-95-3	Nitrobenzene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	78-59-1	Isophorone	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	88-75-5	2-Nitrophenol	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	105-67-9	2,4-Dimethylphenol	28	UM	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	111-91-1	Bis(2-chloroethoxy)methane	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	120-83-2	2,4-Dichlorophenol	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	91-20-3	Naphthalene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	106-47-8	4-Chloroaniline	9.9	U*	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	87-68-3	Hexachlorobutadiene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	105-60-2	Caprolactam	9.9	U	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	59-50-7	4-Chloro-3-methylphenol	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	91-57-6	2-Methylnaphthalene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	77-47-4	Hexachlorocyclo-pentadiene	9.9	U	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	88-06-2	2,4,6-Trichlorophenol	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	95-95-4	2,4,5-Trichlorophenol	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	92-52-4	1,1'-Biphenyl	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	91-58-7	2-Chloronaphthalene	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	88-74-4	2-Nitroaniline	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	131-11-3	Dimethylphthalate	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	606-20-2	2,6-Dinitrotoluene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	208-96-8	Acenaphthylene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	99-09-2	3-Nitroaniline	9.9	U	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	83-32-9	Acenaphthene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	51-28-5	2,4-Dinitrophenol	9.9	U*	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	100-02-7	4-Nitrophenol	9.9	U	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	132-64-9	Dibenzofuran	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	121-14-2	2,4-Dinitrotoluene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	84-66-2	Diethylphthalate	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	86-73-7	Fluorene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	7005-72-3	4-Chlorophenyl-phenyl ether	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	100-01-6	4-Nitroaniline	9.9	U	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	534-52-1	4,6-Dinitro-2-methylphenol	9.9	U*	ug/L	9.9	12/14/2015	TF-34-DISCH

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	86-30-6	N-Nitrosodiphenylamine	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	101-55-3	4-Bromophenyl-phenylether	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	118-74-1	Hexachlorobenzene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	1912-24-9	Atrazine	9.9	U*	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	87-86-5	Pentachlorophenol	9.9	U*	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	85-01-8	Phenanthrene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	120-12-7	Anthracene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	86-74-8	Carbazole	9.9	U	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	84-74-2	Di-n-butylphthalate	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	206-44-0	Fluoranthene	9.9	U*	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	129-00-0	Pyrene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	85-68-7	Butylbenzylphthalate	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	91-94-1	3,3'-Dichlorobenzidine	9.9	U*	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	56-55-3	Benzo(a)anthracene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	218-01-9	Chrysene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	117-84-0	Di-n-octylphthalate	9.9	U	ug/L	9.9	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	205-99-2	Benzo(b)fluoranthene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	207-08-9	Benzo(k)fluoranthene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	50-32-8	Benzo(a)pyrene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	193-39-5	Indeno(1,2,3-cd)pyrene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	53-70-3	Dibenzo(a,h)anthracene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	191-24-2	Benzo(g,h,i)perylene	5.0	U*	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29	QL16010-001	W	12/22/2015	17:12:00	58-90-2	2,3,4,6-Tetrachlorophenol	5.0	U	ug/L	5.0	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	91-20-3	Naphthalene	0.021	LJ	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	91-57-6	2-Methylnaphthalene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	208-96-8	Acenaphthylene	0.050	UJ	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	83-32-9	Acenaphthene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	86-73-7	Fluorene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	87-86-5	Pentachlorophenol	0.20	U	ug/L	0.20	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	85-01-8	Phenanthrene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	120-12-7	Anthracene	0.053		ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	206-44-0	Fluoranthene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	129-00-0	Pyrene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	56-55-3	Benzo(a)anthracene	0.0044	LJ	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	218-01-9	Chrysene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	205-99-2	Benzo(b)fluoranthene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	207-08-9	Benzo(k)fluoranthene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	50-32-8	Benzo(a)pyrene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	53-70-3	Dibenzo(a,h)anthracene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	191-24-2	Benzo(g,h,i)perylene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	95-94-3	1,2,4,5-Tetrachlorobenzene	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	87-68-3	Hexachlorobutadiene	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	106-47-8	4-Chloroaniline	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	98-95-3	Nitrobenzene	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	67-72-1	Hexachloroethane	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	621-64-7	N-Nitrosodi-n-propylamine	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	108-60-1	2,2'-Oxybis(1-chloropropane)	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	111-44-4	bis(2-Chloroethyl)ether	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	123-91-1	1,4-Dioxane	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	51-28-5	2,4-Dinitrophenol	0.99	U	ug/L	0.99	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	91-94-1	3,3'-Dichlorobenzidine	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	1912-24-9	Atrazine	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	118-74-1	Hexachlorobenzene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	534-52-1	4,6-Dinitro-2-methylphenol	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	132-64-9	Dibenzofuran	0.044	LJ	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	121-14-2	2,4-Dinitrotoluene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	88-06-2	2,4,6-Trichlorophenol	0.099	U	ug/L	0.099	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	92-52-4	1,1'-Biphenyl	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R29 (SIM)	QL16010-001	W	12/31/2015	13:33:00	606-20-2	2,6-Dinitrotoluene	0.050	U	ug/L	0.050	12/14/2015	TF-34-DISCH
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	123-91-1	1,4-Dioxane	19	U*	ug/L	19	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	100-52-7	Benzaldehyde	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	108-95-2	Phenol	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	111-44-4	Bis(2-Chloroethyl) ether	95	U*	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	95-57-8	2-Chlorophenol	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	95-48-7	2-Methylphenol	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	108-60-1	2,2'-Oxybis(1-chloropropane)	95	U*	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	98-86-2	Acetophenone	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	106-44-5	4-Methylphenol	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	621-64-7	N-Nitroso-di-n propylamine	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	67-72-1	Hexachloroethane	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	98-95-3	Nitrobenzene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	78-59-1	Isophorone	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	88-75-5	2-Nitrophenol	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	105-67-9	2,4-Dimethylphenol	250		ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	111-91-1	Bis(2-chloroethoxy)methane	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	120-83-2	2,4-Dichlorophenol	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	91-20-3	Naphthalene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	106-47-8	4-Chloroaniline	95	U*	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	87-68-3	Hexachlorobutadiene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	105-60-2	Caprolactam	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	59-50-7	4-Chloro-3-methylphenol	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	91-57-6	2-Methylnaphthalene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	77-47-4	Hexachlorocyclo-pentadiene	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	88-06-2	2,4,6-Trichlorophenol	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	95-95-4	2,4,5-Trichlorophenol	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	92-52-4	1,1'-Biphenyl	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	91-58-7	2-Chloronaphthalene	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	88-74-4	2-Nitroaniline	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	131-11-3	Dimethylphthalate	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	606-20-2	2,6-Dinitrotoluene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	208-96-8	Acenaphthylene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	99-09-2	3-Nitroaniline	95	U	ug/L	95	12/14/2015	AA-GW-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	83-32-9	Acenaphthene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	51-28-5	2,4-Dinitrophenol	95	U*	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	100-02-7	4-Nitrophenol	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	132-64-9	Dibenzofuran	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	121-14-2	2,4-Dinitrotoluene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	84-66-2	Diethylphthalate	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	86-73-7	Fluorene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	7005-72-3	4-Chlorophenyl-phenyl ether	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	100-01-6	4-Nitroaniline	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	534-52-1	4,6-Dinitro-2-methylphenol	95	U*	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	86-30-6	N-Nitrosodiphenylamine	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	95-94-3	1,2,4,5-Tetrachlorobenzene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	101-55-3	4-Bromophenyl-phenylether	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	118-74-1	Hexachlorobenzene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	1912-24-9	Atrazine	95	U*	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	87-86-5	Pentachlorophenol	95	U*	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	85-01-8	Phenanthrene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	120-12-7	Anthracene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	86-74-8	Carbazole	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	84-74-2	Di-n-butylphthalate	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	206-44-0	Fluoranthene	95	U*	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	129-00-0	Pyrene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	85-68-7	Butylbenzylphthalate	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	91-94-1	3,3'-Dichlorobenzidine	95	U*	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	56-55-3	Benzo(a)anthracene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	218-01-9	Chrysene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	117-81-7	Bis(2-ethylhexyl)phthalate	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	117-84-0	Di-n-octylphthalate	95	U	ug/L	95	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	205-99-2	Benzo(b)fluoranthene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	207-08-9	Benzo(k)fluoranthene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	50-32-8	Benzo(a)pyrene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	193-39-5	Indeno(1,2,3-cd)pyrene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	53-70-3	Dibenzo(a,h)anthracene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	191-24-2	Benzo(g,h,i)perylene	48	U*	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30	QL16010-009	W	12/22/2015	18:37:00	58-90-2	2,3,4,6-Tetrachlorophenol	48	U	ug/L	48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	91-20-3	Naphthalene	1.1		ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	91-57-6	2-Methylnaphthalene	1.4		ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	208-96-8	Acenaphthylene	0.48	UJ	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	83-32-9	Acenaphthene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	86-73-7	Fluorene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	87-86-5	Pentachlorophenol	1.9	U	ug/L	1.9	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	85-01-8	Phenanthrene	0.59		ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	120-12-7	Anthracene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	206-44-0	Fluoranthene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	129-00-0	Pyrene	0.28	LJ	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	56-55-3	Benzo(a)anthracene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	218-01-9	Chrysene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	205-99-2	Benzo(b)fluoranthene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	207-08-9	Benzo(k)fluoranthene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	50-32-8	Benzo(a)pyrene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	193-39-5	Indeno(1,2,3-cd)pyrene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	53-70-3	Dibenzo(a,h)anthracene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	191-24-2	Benzo(g,h,i)perylene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	98-95-3	Nitrobenzene	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	67-72-1	Hexachloroethane	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	621-64-7	N-Nitrosodi-n-propylamine	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	108-60-1	2,2'-Oxybis(1-chloropropane)	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	111-44-4	bis(2-Chloroethyl)ether	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	123-91-1	1,4-Dioxane	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	51-28-5	2,4-Dinitrophenol	9.6	U	ug/L	9.6	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	91-94-1	3,3'-Dichlorobenzidine	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	1912-24-9	Atrazine	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	118-74-1	Hexachlorobenzene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	534-52-1	4,6-Dinitro-2-methylphenol	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	132-64-9	Dibenzofuran	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	121-14-2	2,4-Dinitrotoluene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	606-20-2	2,6-Dinitrotoluene	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	92-52-4	1,1'-Biphenyl	0.48	U	ug/L	0.48	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	88-06-2	2,4,6-Trichlorophenol	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	95-94-3	1,2,4,5-Tetrachlorobenzene	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	87-68-3	Hexachlorobutadiene	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R30 (SIM)	QL16010-009	W	12/31/2015	16:39:00	106-47-8	4-Chloroaniline	0.96	U	ug/L	0.96	12/14/2015	AA-GW-01
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	123-91-1	1,4-Dioxane	750	U*	ug/L	750	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	100-52-7	Benzaldehyde	3800	U	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/23/2015	14:07:00	108-95-2	Phenol	270000		ug/L	190000	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	111-44-4	Bis(2-Chloroethyl) ether	3800	U*	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	95-57-8	2-Chlorophenol	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/23/2015	14:07:00	95-48-7	2-Methylphenol	1500000		ug/L	190000	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	108-60-1	2,2'-Oxybis(1-chloropropane)	3800	U*	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	98-86-2	Acetophenone	3800	U	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/23/2015	14:07:00	106-44-5	4-Methylphenol	1200000	J	ug/L	190000	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	621-64-7	N-Nitroso-di-n propylamine	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	67-72-1	Hexachloroethane	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	98-95-3	Nitrobenzene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	78-59-1	Isophorone	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	88-75-5	2-Nitrophenol	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/23/2015	17:31:00	105-67-9	2,4-Dimethylphenol	1300000		ug/L	190000	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	111-91-1	Bis(2-chloroethoxy)methane	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	120-83-2	2,4-Dichlorophenol	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	91-20-3	Naphthalene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	106-47-8	4-Chloroaniline	3800	U*	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	87-68-3	Hexachlorobutadiene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	105-60-2	Caprolactam	3800	U	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	59-50-7	4-Chloro-3-methylphenol	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	91-57-6	2-Methylnaphthalene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	77-47-4	Hexachlorocyclo-pentadiene	3800	U	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	88-06-2	2,4,6-Trichlorophenol	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	95-95-4	2,4,5-Trichlorophenol	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	92-52-4	1,1'-Biphenyl	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	91-58-7	2-Chloronaphthalene	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	88-74-4	2-Nitroaniline	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	131-11-3	Dimethylphthalate	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	606-20-2	2,6-Dinitrotoluene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	208-96-8	Acenaphthylene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	99-09-2	3-Nitroaniline	3800	U	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	83-32-9	Acenaphthene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	51-28-5	2,4-Dinitrophenol	3800	U*	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	100-02-7	4-Nitrophenol	3800	U	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	132-64-9	Dibenzofuran	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	121-14-2	2,4-Dinitrotoluene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	84-66-2	Diethylphthalate	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	86-73-7	Fluorene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	7005-72-3	4-Chlorophenyl-phenyl ether	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	100-01-6	4-Nitroaniline	3800	U	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	534-52-1	4,6-Dinitro-2-methylphenol	3800	U*	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	86-30-6	N-Nitrosodiphenylamine	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	101-55-3	4-Bromophenyl-phenylether	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	118-74-1	Hexachlorobenzene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	1912-24-9	Atrazine	3800	U*	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	87-86-5	Pentachlorophenol	3800	U*	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	85-01-8	Phenanthrene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	120-12-7	Anthracene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	86-74-8	Carbazole	3800	U	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	84-74-2	Di-n-butylphthalate	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	206-44-0	Fluoranthene	3800	U*	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	129-00-0	Pyrene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	85-68-7	Butylbenzylphthalate	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	91-94-1	3,3'-Dichlorobenzidine	3800	U*	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	56-55-3	Benzo(a)anthracene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	218-01-9	Chrysene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	117-81-7	Bis(2-ethylhexyl)phthalate	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	117-84-0	Di-n-octylphthalate	3800	U	ug/L	3800	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	205-99-2	Benzo(b)fluoranthene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	207-08-9	Benzo(k)fluoranthene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	50-32-8	Benzo(a)pyrene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	193-39-5	Indeno(1,2,3-cd)pyrene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	53-70-3	Dibenzo(a,h)anthracene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	191-24-2	Benzo(g,h,i)perylene	1900	U*	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32	QL16010-002	W	12/22/2015	20:02:00	58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	ug/L	1900	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	91-20-3	Naphthalene	19	U	ug/L	19	12/14/2015	AA-GW-03

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	91-57-6	2-Methylnaphthalene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	208-96-8	Acenaphthylene	19	UJ	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	83-32-9	Acenaphthene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	86-73-7	Fluorene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	87-86-5	Pentachlorophenol	75	U	ug/L	75	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	85-01-8	Phenanthrene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	120-12-7	Anthracene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	206-44-0	Fluoranthene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	129-00-0	Pyrene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	56-55-3	Benzo(a)anthracene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	218-01-9	Chrysene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	205-99-2	Benzo(b)fluoranthene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	207-08-9	Benzo(k)fluoranthene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	50-32-8	Benzo(a)pyrene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	193-39-5	Indeno(1,2,3-cd)pyrene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	53-70-3	Dibenzo(a,h)anthracene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	191-24-2	Benzo(g,h,i)perylene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	121-14-2	2,4-Dinitrotoluene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	132-64-9	Dibenzofuran	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	534-52-1	4,6-Dinitro-2-methylphenol	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	118-74-1	Hexachlorobenzene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	1912-24-9	Atrazine	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	91-94-1	3,3'-Dichlorobenzidine	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	51-28-5	2,4-Dinitrophenol	380	U	ug/L	380	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	123-91-1	1,4-Dioxane	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	111-44-4	bis(2-Chloroethyl)ether	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	108-60-1	2,2'-Oxybis(1-chloropropane)	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	621-64-7	N-Nitrosodi-n-propylamine	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	67-72-1	Hexachloroethane	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	98-95-3	Nitrobenzene	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	106-47-8	4-Chloroaniline	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	87-68-3	Hexachlorobutadiene	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	88-06-2	2,4,6-Trichlorophenol	38	U	ug/L	38	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	92-52-4	1,1'-Biphenyl	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R32 (SIM)	QL16010-002	W	12/31/2015	13:59:00	606-20-2	2,6-Dinitrotoluene	19	U	ug/L	19	12/14/2015	AA-GW-03
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	123-91-1	1,4-Dioxane	40	U*	ug/L	40	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	100-52-7	Benzaldehyde	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	108-95-2	Phenol	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	111-44-4	Bis(2-Chloroethyl) ether	200	U*	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	95-57-8	2-Chlorophenol	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	95-48-7	2-Methylphenol	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	108-60-1	2,2'-Oxybis(1-chloropropane)	200	U*	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	98-86-2	Acetophenone	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	106-44-5	4-Methylphenol	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	621-64-7	N-Nitroso-di-n propylamine	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	67-72-1	Hexachloroethane	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	98-95-3	Nitrobenzene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	78-59-1	Isophorone	100	U	ug/L	100	12/14/2015	TF-34-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	88-75-5	2-Nitrophenol	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	105-67-9	2,4-Dimethylphenol	970		ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	111-91-1	Bis(2-chloroethoxy)methane	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	120-83-2	2,4-Dichlorophenol	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	91-20-3	Naphthalene	32	*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	106-47-8	4-Chloroaniline	200	U*	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	87-68-3	Hexachlorobutadiene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	105-60-2	Caprolactam	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	59-50-7	4-Chloro-3-methylphenol	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	91-57-6	2-Methylnaphthalene	36	*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	77-47-4	Hexachlorocyclo-pentadiene	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	88-06-2	2,4,6-Trichlorophenol	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	95-95-4	2,4,5-Trichlorophenol	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	92-52-4	1,1'-Biphenyl	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	91-58-7	2-Chloronaphthalene	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	88-74-4	2-Nitroaniline	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	131-11-3	Dimethylphthalate	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	606-20-2	2,6-Dinitrotoluene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	208-96-8	Acenaphthylene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	99-09-2	3-Nitroaniline	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	83-32-9	Acenaphthene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	51-28-5	2,4-Dinitrophenol	200	U*	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	100-02-7	4-Nitrophenol	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	132-64-9	Dibenzofuran	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	121-14-2	2,4-Dinitrotoluene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	84-66-2	Diethylphthalate	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	86-73-7	Fluorene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	7005-72-3	4-Chlorophenyl-phenyl ether	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	100-01-6	4-Nitroaniline	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	534-52-1	4,6-Dinitro-2-methylphenol	200	U*	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	86-30-6	N-Nitrosodiphenylamine	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	95-94-3	1,2,4,5-Tetrachlorobenzene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	101-55-3	4-Bromophenyl-phenylether	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	118-74-1	Hexachlorobenzene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	1912-24-9	Atrazine	200	U*	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	87-86-5	Pentachlorophenol	200	U*	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	85-01-8	Phenanthrene	12	*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	120-12-7	Anthracene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	86-74-8	Carbazole	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	84-74-2	Di-n-butylphthalate	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	206-44-0	Fluoranthene	200	U*	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	129-00-0	Pyrene	9.1	*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	85-68-7	Butylbenzylphthalate	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	91-94-1	3,3'-Dichlorobenzidine	200	U*	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	56-55-3	Benzo(a)anthracene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	218-01-9	Chrysene	100	U*	ug/L	100	12/14/2015	TF-34-01

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	117-81-7	Bis(2-ethylhexyl)phthalate	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	117-84-0	Di-n-octylphthalate	200	U	ug/L	200	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	205-99-2	Benzo(b)fluoranthene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	207-08-9	Benzo(k)fluoranthene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	50-32-8	Benzo(a)pyrene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	193-39-5	Indeno(1,2,3-cd)pyrene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	53-70-3	Dibenzo(a,h)anthracene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	191-24-2	Benzo(g,h,i)perylene	100	U*	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33	QL16010-003	W	12/22/2015	19:05:00	58-90-2	2,3,4,6-Tetrachlorophenol	100	U	ug/L	100	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	91-20-3	Naphthalene	4.6		ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	91-57-6	2-Methylnaphthalene	3.0		ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	208-96-8	Acenaphthylene	0.98	UJ	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	83-32-9	Acenaphthene	0.65	LJ	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	86-73-7	Fluorene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	87-86-5	Pentachlorophenol	3.9	U	ug/L	3.9	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	85-01-8	Phenanthrene	3.0		ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	120-12-7	Anthracene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	206-44-0	Fluoranthene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	129-00-0	Pyrene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	56-55-3	Benzo(a)anthracene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	218-01-9	Chrysene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	205-99-2	Benzo(b)fluoranthene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	207-08-9	Benzo(k)fluoranthene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	50-32-8	Benzo(a)pyrene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	193-39-5	Indeno(1,2,3-cd)pyrene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	53-70-3	Dibenzo(a,h)anthracene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	191-24-2	Benzo(g,h,i)perylene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	51-28-5	2,4-Dinitrophenol	20	U	ug/L	20	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	123-91-1	1,4-Dioxane	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	111-44-4	bis(2-Chloroethyl)ether	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	621-64-7	N-Nitrosodi-n-propylamine	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	67-72-1	Hexachloroethane	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	98-95-3	Nitrobenzene	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	106-47-8	4-Chloroaniline	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	87-68-3	Hexachlorobutadiene	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	95-94-3	1,2,4,5-Tetrachlorobenzene	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	88-06-2	2,4,6-Trichlorophenol	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	92-52-4	1,1'-Biphenyl	0.59	LJ	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	606-20-2	2,6-Dinitrotoluene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	108-60-1	2,2'-Oxybis(1-chloropropane)	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	91-94-1	3,3'-Dichlorobenzidine	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	1912-24-9	Atrazine	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	118-74-1	Hexachlorobenzene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	534-52-1	4,6-Dinitro-2-methylphenol	2.0	U	ug/L	2.0	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	132-64-9	Dibenzofuran	1.3		ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R33 (SIM)	QL16010-003	W	12/31/2015	14:26:00	121-14-2	2,4-Dinitrotoluene	0.98	U	ug/L	0.98	12/14/2015	TF-34-01
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	123-91-1	1,4-Dioxane	38	U*	ug/L	38	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	100-52-7	Benzaldehyde	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	108-95-2	Phenol	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	111-44-4	Bis(2-Chloroethyl) ether	190	U*	ug/L	190	12/14/2015	LOR-18

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	95-57-8	2-Chlorophenol	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	95-48-7	2-Methylphenol	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	108-60-1	2,2'-Oxybis(1-chloropropane)	190	U*	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	98-86-2	Acetophenone	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	106-44-5	4-Methylphenol	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	621-64-7	N-Nitroso-di-n propylamine	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	67-72-1	Hexachloroethane	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	98-95-3	Nitrobenzene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	78-59-1	Isophorone	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	88-75-5	2-Nitrophenol	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	105-67-9	2,4-Dimethylphenol	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	111-91-1	Bis(2-chloroethoxy)methane	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	120-83-2	2,4-Dichlorophenol	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	91-20-3	Naphthalene	26	*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	106-47-8	4-Chloroaniline	190	U*	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	87-68-3	Hexachlorobutadiene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	105-60-2	Caprolactam	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	59-50-7	4-Chloro-3-methylphenol	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	91-57-6	2-Methylnaphthalene	91	*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	77-47-4	Hexachlorocyclo-pentadiene	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	88-06-2	2,4,6-Trichlorophenol	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	95-95-4	2,4,5-Trichlorophenol	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	92-52-4	1,1'-Biphenyl	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	91-58-7	2-Chloronaphthalene	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	88-74-4	2-Nitroaniline	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	131-11-3	Dimethylphthalate	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	606-20-2	2,6-Dinitrotoluene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	208-96-8	Acenaphthylene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	99-09-2	3-Nitroaniline	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	83-32-9	Acenaphthene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	51-28-5	2,4-Dinitrophenol	190	U*	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	100-02-7	4-Nitrophenol	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	132-64-9	Dibenzofuran	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	121-14-2	2,4-Dinitrotoluene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	84-66-2	Diethylphthalate	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	86-73-7	Fluorene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	7005-72-3	4-Chlorophenyl-phenyl ether	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	100-01-6	4-Nitroaniline	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	534-52-1	4,6-Dinitro-2-methylphenol	190	U*	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	86-30-6	N-Nitrosodiphenylamine	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	95-94-3	1,2,4,5-Tetrachlorobenzene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	101-55-3	4-Bromophenyl-phenylether	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	118-74-1	Hexachlorobenzene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	1912-24-9	Atrazine	190	U*	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	87-86-5	Pentachlorophenol	190	U*	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	85-01-8	Phenanthrene	26	*	ug/L	95	12/14/2015	LOR-18

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	120-12-7	Anthracene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	86-74-8	Carbazole	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	84-74-2	Di-n-butylphthalate	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	206-44-0	Fluoranthene	190	U*	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	129-00-0	Pyrene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	85-68-7	Butylbenzylphthalate	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	91-94-1	3,3'-Dichlorobenzidine	190	U*	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	56-55-3	Benzo(a)anthracene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	218-01-9	Chrysene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	117-81-7	Bis(2-ethylhexyl)phthalate	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	117-84-0	Di-n-octylphthalate	190	U	ug/L	190	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	205-99-2	Benzo(b)fluoranthene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	207-08-9	Benzo(k)fluoranthene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	50-32-8	Benzo(a)pyrene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	193-39-5	Indeno(1,2,3-cd)pyrene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	53-70-3	Dibenzo(a,h)anthracene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	191-24-2	Benzo(g,h,i)perylene	95	U*	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34	QL16010-004	W	12/22/2015	19:34:00	58-90-2	2,3,4,6-Tetrachlorophenol	95	U	ug/L	95	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	91-20-3	Naphthalene	16		ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	91-57-6	2-Methylnaphthalene	35		ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	208-96-8	Acenaphthylene	0.97	UJ	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	83-32-9	Acenaphthene	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	86-73-7	Fluorene	3.8		ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	87-86-5	Pentachlorophenol	3.9	U	ug/L	3.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	85-01-8	Phenanthrene	4.0		ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	120-12-7	Anthracene	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	206-44-0	Fluoranthene	0.40	LJ	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	129-00-0	Pyrene	0.62	LJ	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	56-55-3	Benzo(a)anthracene	0.17	LJ	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	218-01-9	Chrysene	0.65	LJ	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	205-99-2	Benzo(b)fluoranthene	0.16	LJ	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	207-08-9	Benzo(k)fluoranthene	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	50-32-8	Benzo(a)pyrene	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	193-39-5	Indeno(1,2,3-cd)pyrene	0.11	LJ	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	53-70-3	Dibenzo(a,h)anthracene	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	191-24-2	Benzo(g,h,i)perylene	0.17	LJ	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	106-47-8	4-Chloroaniline	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	87-68-3	Hexachlorobutadiene	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	95-94-3	1,2,4,5-Tetrachlorobenzene	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	88-06-2	2,4,6-Trichlorophenol	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	92-52-4	1,1'-Biphenyl	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	606-20-2	2,6-Dinitrotoluene	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	121-14-2	2,4-Dinitrotoluene	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	132-64-9	Dibenzofuran	1.7		ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	534-52-1	4,6-Dinitro-2-methylphenol	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	118-74-1	Hexachlorobenzene	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	1912-24-9	Atrazine	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	91-94-1	3,3'-Dichlorobenzidine	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	51-28-5	2,4-Dinitrophenol	19	U	ug/L	19	12/14/2015	LOR-18

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	123-91-1	1,4-Dioxane	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	111-44-4	bis(2-Chloroethyl)ether	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	108-60-1	2,2'-Oxybis(1-chloropropane)	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	621-64-7	N-Nitrosodi-n-propylamine	0.97	U	ug/L	0.97	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	67-72-1	Hexachloroethane	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R34 (SIM)	QL16010-004	W	12/31/2015	15:19:00	98-95-3	Nitrobenzene	1.9	U	ug/L	1.9	12/14/2015	LOR-18
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	123-91-1	1,4-Dioxane	1.9	U*	ug/L	1.9	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	100-52-7	Benzaldehyde	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	108-95-2	Phenol	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	111-44-4	Bis(2-Chloroethyl) ether	9.5	U*	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	95-48-7	2-Methylphenol	23	UM	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	108-60-1	2,2'-Oxybis(1-chloropropane)	9.5	U*	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	98-86-2	Acetophenone	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	106-44-5	4-Methylphenol	12	UM	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	621-64-7	N-Nitroso-di-n propylamine	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	67-72-1	Hexachloroethane	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	98-95-3	Nitrobenzene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	78-59-1	Isophorone	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	105-67-9	2,4-Dimethylphenol	14	UM	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	91-20-3	Naphthalene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	106-47-8	4-Chloroaniline	9.5	U*	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	87-68-3	Hexachlorobutadiene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	105-60-2	Caprolactam	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	91-57-6	2-Methylnaphthalene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	77-47-4	Hexachlorocyclo-pentadiene	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	88-06-2	2,4,6-Trichlorophenol	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	92-52-4	1,1'-Biphenyl	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	88-74-4	2-Nitroaniline	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	131-11-3	Dimethylphthalate	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	606-20-2	2,6-Dinitrotoluene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	208-96-8	Acenaphthylene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	83-32-9	Acenaphthene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	51-28-5	2,4-Dinitrophenol	9.5	U*	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	132-64-9	Dibenzofuran	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	121-14-2	2,4-Dinitrotoluene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	84-66-2	Diethylphthalate	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	86-73-7	Fluorene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	7005-72-3	4-Chlorophenyl-phenyl ether	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	534-52-1	4,6-Dinitro-2-methylphenol	9.5	U*	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	86-30-6	N-Nitrosodiphenylamine	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	101-55-3	4-Bromophenyl-phenylether	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	118-74-1	Hexachlorobenzene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	1912-24-9	Atrazine	9.5	U*	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	87-86-5	Pentachlorophenol	9.5	U*	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	85-01-8	Phenanthrene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	120-12-7	Anthracene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	86-74-8	Carbazole	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	206-44-0	Fluoranthene	9.5	U*	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	129-00-0	Pyrene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	85-68-7	Butylbenzylphthalate	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	91-94-1	3,3'-Dichlorobenzidine	9.5	U*	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	56-55-3	Benzo(a)anthracene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	218-01-9	Chrysene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	117-81-7	Bis(2-ethylhexyl)phthalate	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	117-84-0	Di-n-octylphthalate	9.5	U	ug/L	9.5	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	205-99-2	Benzo(b)fluoranthene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	207-08-9	Benzo(k)fluoranthene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	50-32-8	Benzo(a)pyrene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	193-39-5	Indeno(1,2,3-cd)pyrene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	53-70-3	Dibenzo(a,h)anthracene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	191-24-2	Benzo(g,h,i)perylene	4.8	U*	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35	QL16010-005	W	12/22/2015	17:40:00	58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	91-20-3	Naphthalene	0.015	LJ	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	91-57-6	2-Methylnaphthalene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	208-96-8	Acenaphthylene	0.049	UJ	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	83-32-9	Acenaphthene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	86-73-7	Fluorene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	87-86-5	Pentachlorophenol	0.19	U	ug/L	0.19	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	85-01-8	Phenanthrene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	120-12-7	Anthracene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	206-44-0	Fluoranthene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	129-00-0	Pyrene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	56-55-3	Benzo(a)anthracene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	218-01-9	Chrysene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	205-99-2	Benzo(b)fluoranthene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	207-08-9	Benzo(k)fluoranthene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	50-32-8	Benzo(a)pyrene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	193-39-5	Indeno(1,2,3-cd)pyrene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	53-70-3	Dibenzo(a,h)anthracene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	191-24-2	Benzo(g,h,i)perylene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	87-68-3	Hexachlorobutadiene	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	106-47-8	4-Chloroaniline	0.097	U	ug/L	0.097	12/14/2015	POND DISCH

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	98-95-3	Nitrobenzene	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	67-72-1	Hexachloroethane	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	621-64-7	N-Nitrosodi-n-propylamine	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	108-60-1	2,2'-Oxybis(1-chloropropane)	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	111-44-4	bis(2-Chloroethyl)ether	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	123-91-1	1,4-Dioxane	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	91-94-1	3,3'-Dichlorobenzidine	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	51-28-5	2,4-Dinitrophenol	0.97	U	ug/L	0.97	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	1912-24-9	Atrazine	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	118-74-1	Hexachlorobenzene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	534-52-1	4,6-Dinitro-2-methylphenol	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	132-64-9	Dibenzofuran	0.028	LJ	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	121-14-2	2,4-Dinitrotoluene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	606-20-2	2,6-Dinitrotoluene	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	92-52-4	1,1'-Biphenyl	0.049	U	ug/L	0.049	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	88-06-2	2,4,6-Trichlorophenol	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R35 (SIM)	QL16010-005	W	12/31/2015	15:46:00	95-94-3	1,2,4,5-Tetrachlorobenzene	0.097	U	ug/L	0.097	12/14/2015	POND DISCH
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	123-91-1	1,4-Dioxane	1.9	U*	ug/L	1.9	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	100-52-7	Benzaldehyde	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	108-95-2	Phenol	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	111-44-4	Bis(2-Chloroethyl) ether	9.5	U*	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	95-57-8	2-Chlorophenol	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	95-48-7	2-Methylphenol	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	108-60-1	2,2'-Oxybis(1-chloropropane)	9.5	U*	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	98-86-2	Acetophenone	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	106-44-5	4-Methylphenol	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	621-64-7	N-Nitroso-di-n propylamine	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	67-72-1	Hexachloroethane	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	98-95-3	Nitrobenzene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	78-59-1	Isophorone	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	88-75-5	2-Nitrophenol	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	105-67-9	2,4-Dimethylphenol	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	111-91-1	Bis(2-chloroethoxy)methane	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	120-83-2	2,4-Dichlorophenol	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	91-20-3	Naphthalene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	106-47-8	4-Chloroaniline	9.5	U*	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	87-68-3	Hexachlorobutadiene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	105-60-2	Caprolactam	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	59-50-7	4-Chloro-3-methylphenol	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	91-57-6	2-Methylnaphthalene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	77-47-4	Hexachlorocyclo-pentadiene	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	88-06-2	2,4,6-Trichlorophenol	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	95-95-4	2,4,5-Trichlorophenol	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	92-52-4	1,1'-Biphenyl	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	91-58-7	2-Chloronaphthalene	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	88-74-4	2-Nitroaniline	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	131-11-3	Dimethylphthalate	4.8	U	ug/L	4.8	12/14/2015	FD-04

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	606-20-2	2,6-Dinitrotoluene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	208-96-8	Acenaphthylene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	99-09-2	3-Nitroaniline	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	83-32-9	Acenaphthene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	51-28-5	2,4-Dinitrophenol	9.5	U*	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	100-02-7	4-Nitrophenol	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	132-64-9	Dibenzofuran	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	121-14-2	2,4-Dinitrotoluene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	84-66-2	Diethylphthalate	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	86-73-7	Fluorene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	7005-72-3	4-Chlorophenyl-phenyl ether	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	100-01-6	4-Nitroaniline	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	534-52-1	4,6-Dinitro-2-methylphenol	9.5	U*	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	86-30-6	N-Nitrosodiphenylamine	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	101-55-3	4-Bromophenyl-phenylether	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	118-74-1	Hexachlorobenzene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	1912-24-9	Atrazine	9.5	U*	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	87-86-5	Pentachlorophenol	9.5	U*	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	85-01-8	Phenanthrene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	120-12-7	Anthracene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	86-74-8	Carbazole	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	84-74-2	Di-n-butylphthalate	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	206-44-0	Fluoranthene	9.5	U*	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	129-00-0	Pyrene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	85-68-7	Butylbenzylphthalate	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	91-94-1	3,3'-Dichlorobenzidine	9.5	U*	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	56-55-3	Benzo(a)anthracene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	218-01-9	Chrysene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	117-81-7	Bis(2-ethylhexyl)phthalate	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	117-84-0	Di-n-octylphthalate	9.5	U	ug/L	9.5	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	205-99-2	Benzo(b)fluoranthene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	207-08-9	Benzo(k)fluoranthene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	50-32-8	Benzo(a)pyrene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	193-39-5	Indeno(1,2,3-cd)pyrene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	53-70-3	Dibenzo(a,h)anthracene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	191-24-2	Benzo(g,h,i)perylene	4.8	U*	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36	QL16010-006	W	12/22/2015	18:08:00	58-90-2	2,3,4,6-Tetrachlorophenol	4.8	U	ug/L	4.8	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	91-20-3	Naphthalene	0.0095	LJ	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	91-57-6	2-Methylnaphthalene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	208-96-8	Acenaphthylene	0.049	UJ	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	83-32-9	Acenaphthene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	86-73-7	Fluorene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	87-86-5	Pentachlorophenol	0.19	U	ug/L	0.19	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	85-01-8	Phenanthrene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	120-12-7	Anthracene	0.049	U	ug/L	0.049	12/14/2015	FD-04

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	206-44-0	Fluoranthene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	129-00-0	Pyrene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	56-55-3	Benzo(a)anthracene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	218-01-9	Chrysene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	205-99-2	Benzo(b)fluoranthene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	207-08-9	Benzo(k)fluoranthene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	50-32-8	Benzo(a)pyrene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	193-39-5	Indeno(1,2,3-cd)pyrene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	53-70-3	Dibenzo(a,h)anthracene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	191-24-2	Benzo(g,h,i)perylene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	123-91-1	1,4-Dioxane	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	51-28-5	2,4-Dinitrophenol	0.97	U	ug/L	0.97	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	91-94-1	3,3'-Dichlorobenzidine	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	1912-24-9	Atrazine	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	118-74-1	Hexachlorobenzene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	534-52-1	4,6-Dinitro-2-methylphenol	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	132-64-9	Dibenzofuran	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	121-14-2	2,4-Dinitrotoluene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	606-20-2	2,6-Dinitrotoluene	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	92-52-4	1,1'-Biphenyl	0.049	U	ug/L	0.049	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	88-06-2	2,4,6-Trichlorophenol	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	95-94-3	1,2,4,5-Tetrachlorobenzene	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	87-68-3	Hexachlorobutadiene	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	106-47-8	4-Chloroaniline	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	98-95-3	Nitrobenzene	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	67-72-1	Hexachloroethane	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	111-44-4	bis(2-Chloroethyl)ether	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	108-60-1	2,2'-Oxybis(1-chloropropane)	0.097	U	ug/L	0.097	12/14/2015	FD-04
45671	F6R29	F6R36 (SIM)	QL16010-006	W	12/31/2015	16:13:00	621-64-7	N-Nitrosodi-n-propylamine	0.049	U	ug/L	0.049	12/14/2015	FD-04

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 45671 SDG No. F6R29 SDG Nos. To Follow Mod. Ref No. 2544.1 & 2545.1 Date Rec 01/07/16

EPA Lab ID: EQI

Lab Location: West Columbia, SC

Region: 6 Audit No.: 45671/F6R29

Re_Submitted CSF? Yes X No

Box No(s): 1

COMMENTS:

Item	Description
3.	The auditor added some missing page numbers.
4.	The TVOA-SIM data were not listed (pages 368 to 641) on Form DC-2-7. The auditor made proper entries.
14. /15.	Sample tags were not used for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?		X	
4. Are enclosed documents listed?		X	
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: Wallace Doong — Wallace Doong / ESAT Data Reviewer — Date 01/18/16

Audited by: — Signature — Printed Name/Title — Date

DC-2__

In Reference To: O-1320
Case No.: 45671 SDG(s): F6R29

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	EQI
Lab Contact:	Robert Zhu
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Wallace Doong - ESAT

In reference to data for the fraction(s):

TVOA/TVOA-SIM SVOA-SIM

Summary of Questions/Issues:

TVOA and TVOA-SIM

Sample F6R33: The 1,1,2-trichloroethane was reported at 9.0 ug/L in the undiluted TVOA analysis, but was not detected in the TVOA diluted analysis F6R33DL and TVOA-SIM analysis F6R33. Please review the data and make the appropriate resubmission.

SVOA-SIM

For Form 8A (pages 1162 and 1163), the IS3 should be phenanthrene-d10 and results for IS6 (1,4-dichlorobenzene-d4) were omitted for all samples. Please correct and resubmit these pages with proper pagination.

NOTE: Any laboratory resubmission should be submitted either as an addendum to the original CSF with a revised Form DC-2 or submitted as a new CSF with a new Form DC-2 except for replacement pages (SOM02.3, p. B-11, sec. 2.2.2). Custody seals are required only for regular mail shipments.

Please respond to the above items **within 5 business days** (SOM02.3, p. B-11, sec. 2.2.1) by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

F6R29

USEPA CLP COC (LAB COPY)

DateShipped: 12/15/2015
CarrierName: FedEx
AirbillNo: 859483220226

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: EPW14035

No: 6-121515-120716-0021

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0030	F6R29	Ground Water/ SERAS	Grab	TVOAw/TVOASIM(21)	1210 (HCl 4 C), 1211 (HCl 4 C), 1212 (HCl 4 C), 1213 (HCl 4 C) (4)	TF-34-DISCH	12/14/2015 10:30	
277-0033	F6R32	Ground Water/ SERAS	Grab	TVOAw/TVOASIM(21)	1247 (HCl 4 C), 1248 (HCl 4 C) (2) *	AA-GW-03	12/14/2015 11:45	
277-0034	F6R33	Ground Water/ SERAS	Grab	TVOAw/TVOASIM(21)	1255 (HCl 4 C), 1256 (HCl 4 C), 1257 (HCl 4 C), 1258 (HCl 4 C) (4)	TF-34-01	12/14/2015 13:00	
277-0035	F6R34	Ground Water/ SERAS	Grab	TVOAw/TVOASIM(21)	1265 (HCl 4 C), 1266 (HCl 4 C), 1267 (HCl 4 C), 1268 (HCl 4 C) (4)	LOR-18	12/14/2015 12:00	
277-0036	F6R35	Surface Water/ SERAS	Grab	TVOAw/TVOASIM(21)	1275 (HCl 4 C), 1276 (HCl 4 C), 1277 (HCl 4 C), 1278 (HCl 4 C) (4)	POND DISCH	12/14/2015 14:00	
277-0037	F6R36	Surface Water/ SERAS	Grab	TVOAw/TVOASIM(21)	1285 (HCl 4 C), 1286 (HCl 4 C), 1287 (HCl 4 C), 1288 (HCl 4 C) (4)	FD-04	12/14/2015 14:00	
277-0042	F6R39	Blank/ SERAS		TVOAw/TVOASIM(21)	1299 (HCl 4 C), 1300 (HCl 4 C), 1305 (HCl 4 C), 1306 (HCl 4 C) (4)	TB-05	12/15/2015 11:30	

Special Instructions: * INSUFFICIENT WATER VOLUME AVAILABLE

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: TVOAw/TVOASIM=TVOA by SOM02.3 /TVOASIM by SOM02.3 and MA#2545.1 (water)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	LM SERAS	12/15/15 12:00			
				12/16/15 1106	OK

SDG F6R29 Filed/Sample

T=4.0

Page 34 of 39

F6R29

USEPA CLP COC (LAB COPY)

DateShipped: 12/15/2015
CarrierName: FedEx
AirbillNo: 859483220237

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: ORW14035

No: 6-121515-105613-0017

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0030	F6R29	Ground Water/ SERAS	Grab	SVOAw/SVOASIM(21)	1214 (4 C), 1215 (4 C), 1216 (4 C), 1217 (4 C) (4)	TF-34-DISCH	12/14/2015 10:30	
277-0036	F6R35	Surface Water/ SERAS	Grab	SVOAw/SVOASIM(21)	1279 (4 C), 1280 (4 C), 1281 (4 C), 1282 (4 C) (4)	POND DISCH	12/14/2015 14:00	
277-0037	F6R36	Surface Water/ SERAS	Grab	SVOAw/SVOASIM(21)	1289 (4 C), 1290 (4 C), 1291 (4 C), 1292 (4 C) (4)	FD-04	12/14/2015 14:00	

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: SVOAw/SVOASIM=SVOA/SVOASIM by SOM02.3 and MA#2544.1 (water)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	LM SERAS	12/15/15 10:20			
				12/16/15 1100	ok

T=70

Page 35 of 39

F6R29

USEPA CLP COC (LAB COPY)

DateShipped: 12/15/2015
CarrierName: FedEx
AirbillNo: 859483220190

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: EPW14035

No: 6-121515-115941-0020

Lab: Shealy Environmental Services - EQI
Lab Contact: Brad Belding
Lab Phone: 803-791-9700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0031	F6R30	Ground Water/ SERAS	Grab	SVOAw/SVOASIM(21)	1227 (4 C), 1228 (4 C), 1229 (4 C) (3)	AA-GW-01	12/14/2015 11:00	
277-0033	F6R32	Ground Water/ SERAS	Grab	SVOAw/SVOASIM(21)	1249 (4 C), 1250 (4 C) (2)	AA-GW-03	12/14/2015 11:45	
277-0034	F6R33	Ground Water/ SERAS	Grab	SVOAw/SVOASIM(21)	1259 (4 C), 1260 (4 C), 1261 (4 C) (3)	TF-34-01	12/14/2015 13:00	
277-0035	F6R34	Ground Water/ SERAS	Grab	SVOAw/SVOASIM(21)	1269 (4 C), 1270 (4 C), 1271 (4 C), 1272 (4 C) (4)	LOR-18	12/14/2015 12:00	

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: SVOAw/SVOASIM=SVOA/SVOASIM by SOM02.3 and MA#2544.1 (water)

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Au/ANALYSIS	LM SERAS	12/15/15 12:00			
				12/16/15 1106	OK

T=2.6

Page 36 of 39

Date: 11/09/2015	MA: 2545.1	Title: Trace Volatiles SIM Analysis
Method Source: SOM02.3	Method: Trace Volatiles by SIM	
Matrix: Water		

Summary of Modification

The purpose of this modified analysis is to require the Laboratory to analyze samples by the full scan method for the complete target analyte list at the CRQLs in Exhibit C, Section 1.0. The Laboratory shall proceed to Selected Ion Monitoring (SIM) analysis for any sample in which any of the target analytes in Section I is either undetected or detected at concentrations below the sample adjusted CRQL (laboratory qualifier is reported with a U or J flag) in the full scan analyses. The Laboratory shall achieve the CRQLs for the Trace Volatiles SIM target analytes specified in Section I. Unless specified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications Not applicable ☐

Analyte	CAS Number	Water CRQL (ug/L)
1,1,2,2-Tetrachloroethane	79-34-5	0.050
1,1,2-Trichloroethane	79-00-5	0.050
1,2,3-Trichlorobenzene	87-61-6	0.050
1,2,4-Trichlorobenzene	120-82-1	0.050
1,2-Dibromo-3-chloropropane	96-12-8	0.050
1,2-Dibromoethane	106-93-4	0.050
1,2-Dichloroethane	107-06-2	0.050
1,2-Dichloropropane	78-87-5	0.050
1,4-Dichlorobenzene	106-46-7	0.050
2-Hexanone	591-78-6	0.50
Benzene	71-43-2	0.050
Bromodichloromethane	75-27-4	0.050
Carbon tetrachloride	56-23-5	0.050
Chloroform	67-66-3	0.050
cis-1,3-Dichloropropene	10061-01-5	0.050

Date: 11/09/2015	MA: 2544.1	Title: SVOA SIM Analysis with Additional Analytes and at Lower CRQLs
Method Source: SOM02.3	Method: Semivolatiles by SIM	
Matrix: Soil and Water		

Summary of Modification

The purpose of this modified analysis is to analyze soil and water samples using Selective Ion Monitoring (SIM) for the complete target analyte list (TAL) specified for SVOA SIM in Exhibit C with additional SVOA SIM target analytes at the specified CRQLs in Section I. The Laboratory shall proceed to the SVOA SIM analysis for any sample analyzed by the full scan analysis with any of the analytes in Section I that is either not detected or detected at concentration below the adjusted CRQL in the full scan analysis (reported with either "U" or "J" Lab Qualifier). Unless specified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.

I. Analyte Modifications Not applicable ☐

Analyte	CAS Number	Water CRQL (ug/L)	Soil CRQL (ug/kg)
Naphthalene	91-20-3	0.050	1.7
2-Methylnaphthalene	91-57-6	0.050	1.7
Acenaphthylene	208-96-8	0.050	1.7
Acenaphthene	83-32-9	0.050	1.7
Fluorene	86-73-7	0.050	1.7
Pentachlorophenol	87-86-5	0.10	3.3
Phenanthrene	85-01-8	0.050	1.7
Anthracene	120-12-7	0.050	1.7
Fluoranthene	206-44-0	0.050	1.7
Pyrene	129-00-0	0.050	1.7
Benzo (a) anthracene	56-55-3	0.050	1.7
Chrysene	218-01-9	0.050	1.7
Benzo (b) fluoroanthene	205-99-2	0.050	1.7
Benzo (k) fluoroanthene	207-08-9	0.050	1.7
Benzo (a) pyrene	50-32-8	0.050	1.7
Indeno (1,2,3-cd) pyrene	193-39-5	0.050	1.7

Dibenzo(a,h)anthracene	53-70-3	0.050	1.7
Benzo(g,h,i)perylene	191-24-2	0.050	1.7
1, 4-Dioxane*	123-91-1	0.10	3.3
Bis (2-chloroethyl) ether*	111-44-4	0.10	3.3
2,2'-Oxybis (1-chloropropane)*	108-60-1	0.10	3.3
N-Nitroso-di-n propylamine*	621-64-7	0.050	1.7
Hexachloroethane*	67-72-1	0.10	3.3
Nitrobenzene*	98-95-3	0.10	3.3
4-Chloroaniline*	106-47-8	0.10	3.3
Hexachlorobutadiene*	87-68-3	0.10	3.3
2,4,6-Trichlorophenol*	88-06-2	0.10	3.3
1,1'-Biphenyl*	92-52-4	0.050	1.7
2,6-Dinitrotoluene*	606-20-2	0.050	1.7
2,4-Dinitrophenol*	51-28-5	1.0	33
Dibenzofuran*	132-64-9	0.050	1.7
2,4-Dinitrotoluene*	121-14-2	0.050	1.7
4,6-Dinitro-2-methylphenol*	534-52-1	0.10	3.3
1,2,4,5-Tetrachlorobenzene*	95-94-3	0.10	3.3
Hexachlorobenzene*	118-74-1	0.050	1.7
Atrazine*	1912-24-9	0.10	3.3
3,3'-Dichlorobenzidine*	91-94-1	0.10	3.3

**Designated as additional target analyte.*

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

January 12, 2016

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

Raymond Flores

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Katrina Coltrain, Remedial Project Manager (6SF-RL)

Site: **WILCOX OIL**

Case#: **45671**

SDG#: **MF6R00**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: January 5, 2016

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Sonya Meekins, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-13-026
TO No.:	002
Task/Sub-Task:	2-12
ESAT Doc. No.:	1602-212-0008
TDF No.:	6-16-110A
ESAT File No.:	I-0677

Attached is the data review summary for Case # 45671
SDG # MF6R00
Site Wilcox Oil

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	45671	SITE	Wilcox Oil
LABORATORY	BON	NO. OF SAMPLES	5
CONTRACT#	EP-W-14-029	MATRIX	Soil
SDG#	MF6R00	REVIEWER (IF NOT ESB)	ESAT
SOW#	ISM02.3/MA 2542.1	REVIEWER'S NAME	Sonya Meekins
SF#	303DD2GG	COMPLETION DATE	January 5, 2016

SAMPLE NO.					
	MF6R00	MF6R04			
	MF6R01				
	MF6R02				
	MF6R03				

	ICP-AES	ICP-MS	HG	CN
1. HOLDING TIMES	O	O	O	O
2. CALIBRATIONS	O	O	O	O
3. BLANKS	O	O	O	O
4. MATRIX SPIKES	O	O	O	O
5. DUPLICATE ANALYSIS	O	O	O	O
6. ICP QC	O	M	N/A	N/A
7. LCS	O	O	N/A	N/A
8. SAMPLE VERIFICATION	O	O	O	O
9. OTHER QC	N/A	N/A	N/A	N/A
10. OVERALL ASSESSMENT	O	M	O	O

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS: The laboratory analyzed the thallium LCS at 10X the MA 2542.1 CRQL instead of 2X.

AREAS OF CONCERN: ICP-MS Cobalt, copper, and nickel had serial dilution differences that exceeded the expanded QC limit for soil samples.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 45671 **SDG** MF6R00 **SITE** Wilcox Oil **LAB** BON

COMMENTS: This SDG consisted of five soil samples for total metals (by ICP-AES and ICP-MS), mercury, and cyanide analyses following SOW ISM02.3. The samples were also subject to Modified Analysis Request 2542.1 (MA 2542.1), which requested a lower CRQL for thallium. The sampler designated sample MF6R00 for QC analyses.

The SOW requires that the soil sample results be adjusted for moisture content, which raised the adjusted QLs above the CRQLs specified in the SOW and MA 2542.1. The adjusted CRQLs were reported by the laboratory and are referred to as SQLs in this report.

S4VEM Review was performed for this data package as requested by the Region. The target analytes of concern with the desired CRQLs in parentheses are antimony (1.0 mg/kg), arsenic (0.5 mg/kg), cadmium (0.5 mg/kg), chromium (1.0 mg/kg), cobalt (0.5 mg/kg), selenium (2.5 mg/kg), and thallium (0.25 mg/kg). The analytes of concern detected above the SQLs are arsenic, chromium, and cobalt in all samples.

OVERALL ASSESSMENT: Some results were qualified for all samples because of problems with a matrix spike recovery and serial dilution differences. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

The laboratory was contacted for a few CSF issues (see Resubmission Request). The laboratory resubmission will not impact the DST, so the DST included is the final version.

INORGANIC ACRONYMS

CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
EDM	EXES Data Manager
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IS	Internal Standard
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location

Disclaimer: **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

L Reported concentration is between the MDL and the CRQL.

J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

R Result is unusable.

F A possibility of a false negative exists.

UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOD	STATLOC
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-38-2	Arsenic	9.0		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-39-3	Barium	43.5		mg/kg	5.8	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-41-7	Beryllium	1.0		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-47-3	Chromium	26.4		mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-48-4	Cobalt	23.2	J	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-50-8	Copper	16.7	J	mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7439-92-1	Lead	10.2		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7439-96-5	Manganese	2370		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-02-0	Nickel	20.1	J	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7782-49-2	Selenium	0.34	LJ	mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	17:34:44	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-62-2	Vanadium	35.7		mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/21/2015	13:25:34	7440-66-6	Zinc	5.2		mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		86.7	1	500	MS	P-04-01
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-38-2	Arsenic	2.6		mg/kg	0.59	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-39-3	Barium	40.5		mg/kg	5.9	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-41-7	Beryllium	0.59	U	mg/kg	0.59	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-43-9	Cadmium	0.59	U	mg/kg	0.59	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-47-3	Chromium	7.1		mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-48-4	Cobalt	2.2	J	mg/kg	0.59	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-50-8	Copper	5.0	J	mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7439-92-1	Lead	3.4		mg/kg	0.59	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7439-96-5	Manganese	82.6		mg/kg	0.59	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-02-0	Nickel	3.3	J	mg/kg	0.59	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	17:49:16	7440-22-4	Silver	0.59	U	mg/kg	0.59	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-62-2	Vanadium	15.4		mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/21/2015	13:41:35	7440-66-6	Zinc	5.2		mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		85.4	1	500	MS	LOR-06
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-38-2	Arsenic	2.7		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-39-3	Barium	53.8		mg/kg	5.8	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-47-3	Chromium	8.9		mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-48-4	Cobalt	4.6	J	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-50-8	Copper	4.1	J	mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7439-92-1	Lead	3.8		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7439-96-5	Manganese	168		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-02-0	Nickel	5.9	J	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	17:52:54	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-62-2	Vanadium	14.8		mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/21/2015	13:45:31	7440-66-6	Zinc	10.2		mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		86.3	1	500	MS	LOR-12
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-36-0	Antimony	1.1	U	mg/kg	1.1	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-38-2	Arsenic	1.7		mg/kg	0.57	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-39-3	Barium	31.1		mg/kg	5.7	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-41-7	Beryllium	0.57	U	mg/kg	0.57	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-43-9	Cadmium	0.57	U	mg/kg	0.57	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-47-3	Chromium	7.2		mg/kg	1.1	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-48-4	Cobalt	2.5	J	mg/kg	0.57	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-50-8	Copper	3.7	J	mg/kg	1.1	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7439-92-1	Lead	2.1		mg/kg	0.57	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7439-96-5	Manganese	82.3		mg/kg	0.57	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-02-0	Nickel	5.3	J	mg/kg	0.57	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	17:56:32	7440-22-4	Silver	0.57	U	mg/kg	0.57	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-62-2	Vanadium	11.8		mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/21/2015	13:49:31	7440-66-6	Zinc	7.4		mg/kg	1.1	12/03/2015	12/14/2015	12/04/2015		87.4	1	500	MS	LOR-09
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-38-2	Arsenic	1.6		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-39-3	Barium	32.0		mg/kg	5.8	12/03/2015	12/14/2015	12/04/2015		85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015		85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-47-3	Chromium	6.0		mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015		85.6	1	500	MS	FD-01

45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-48-4	Cobalt	1.9	J	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-50-8	Copper	3.0	J	mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7439-92-1	Lead	1.7		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7439-96-5	Manganese	47.8		mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-02-0	Nickel	4.2	J	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	18:00:10	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-62-2	Vanadium	9.7		mg/kg	2.9	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/21/2015	13:53:15	7440-66-6	Zinc	6.6		mg/kg	1.2	12/03/2015	12/14/2015	12/04/2015	85.6	1	500	MS	FD-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/16/2015	11:35:16	7429-90-5	Aluminum	13900		mg/kg	23.1	12/03/2015	12/14/2015	12/04/2015	86.7	1	100	P	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/16/2015	11:35:16	7440-70-2	Calcium	577	U	mg/kg	577	12/03/2015	12/14/2015	12/04/2015	86.7	1	100	P	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/16/2015	11:35:16	7439-89-6	Iron	27300		mg/kg	11.5	12/03/2015	12/14/2015	12/04/2015	86.7	1	100	P	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/16/2015	11:35:16	7439-95-4	Magnesium	886		mg/kg	577	12/03/2015	12/14/2015	12/04/2015	86.7	1	100	P	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/16/2015	11:35:16	7440-09-7	Potassium	1470		mg/kg	577	12/03/2015	12/14/2015	12/04/2015	86.7	1	100	P	P-04-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/16/2015	11:35:16	7440-23-5	Sodium	577	U	mg/kg	577	12/03/2015	12/14/2015	12/04/2015	86.7	1	100	P	P-04-01
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/16/2015	11:52:48	7429-90-5	Aluminum	15300		mg/kg	23.4	12/03/2015	12/14/2015	12/04/2015	85.4	1	100	P	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/16/2015	11:52:48	7440-70-2	Calcium	598		mg/kg	585	12/03/2015	12/14/2015	12/04/2015	85.4	1	100	P	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/16/2015	11:52:48	7439-89-6	Iron	12600		mg/kg	11.7	12/03/2015	12/14/2015	12/04/2015	85.4	1	100	P	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/16/2015	11:52:48	7439-95-4	Magnesium	1080		mg/kg	585	12/03/2015	12/14/2015	12/04/2015	85.4	1	100	P	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/16/2015	11:52:48	7440-09-7	Potassium	1770		mg/kg	585	12/03/2015	12/14/2015	12/04/2015	85.4	1	100	P	LOR-06
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/16/2015	11:52:48	7440-23-5	Sodium	585	U	mg/kg	585	12/03/2015	12/14/2015	12/04/2015	85.4	1	100	P	LOR-06
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/16/2015	11:57:13	7429-90-5	Aluminum	13500		mg/kg	23.2	12/03/2015	12/14/2015	12/04/2015	86.3	1	100	P	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/16/2015	11:57:13	7440-70-2	Calcium	579	U	mg/kg	579	12/03/2015	12/14/2015	12/04/2015	86.3	1	100	P	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/16/2015	11:57:13	7439-89-6	Iron	13500		mg/kg	11.6	12/03/2015	12/14/2015	12/04/2015	86.3	1	100	P	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/16/2015	11:57:13	7439-95-4	Magnesium	1600		mg/kg	579	12/03/2015	12/14/2015	12/04/2015	86.3	1	100	P	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/16/2015	11:57:13	7440-09-7	Potassium	1760		mg/kg	579	12/03/2015	12/14/2015	12/04/2015	86.3	1	100	P	LOR-12
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/16/2015	11:57:13	7440-23-5	Sodium	579	U	mg/kg	579	12/03/2015	12/14/2015	12/04/2015	86.3	1	100	P	LOR-12
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/16/2015	12:01:39	7429-90-5	Aluminum	11000		mg/kg	22.9	12/03/2015	12/14/2015	12/04/2015	87.4	1	100	P	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/16/2015	12:01:39	7440-70-2	Calcium	596		mg/kg	572	12/03/2015	12/14/2015	12/04/2015	87.4	1	100	P	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/16/2015	12:01:39	7439-89-6	Iron	12000		mg/kg	11.4	12/03/2015	12/14/2015	12/04/2015	87.4	1	100	P	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/16/2015	12:01:39	7439-95-4	Magnesium	1440		mg/kg	572	12/03/2015	12/14/2015	12/04/2015	87.4	1	100	P	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/16/2015	12:01:39	7440-09-7	Potassium	1810		mg/kg	572	12/03/2015	12/14/2015	12/04/2015	87.4	1	100	P	LOR-09
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/16/2015	12:01:39	7440-23-5	Sodium	572	U	mg/kg	572	12/03/2015	12/14/2015	12/04/2015	87.4	1	100	P	LOR-09
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/16/2015	12:06:05	7429-90-5	Aluminum	7940		mg/kg	23.4	12/03/2015	12/14/2015	12/04/2015	85.6	1	100	P	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/16/2015	12:06:05	7440-70-2	Calcium	584	U	mg/kg	584	12/03/2015	12/14/2015	12/04/2015	85.6	1	100	P	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/16/2015	12:06:05	7439-89-6	Iron	7610		mg/kg	11.7	12/03/2015	12/14/2015	12/04/2015	85.6	1	100	P	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/16/2015	12:06:05	7439-95-4	Magnesium	916		mg/kg	584	12/03/2015	12/14/2015	12/04/2015	85.6	1	100	P	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/16/2015	12:06:05	7440-09-7	Potassium	1160		mg/kg	584	12/03/2015	12/14/2015	12/04/2015	85.6	1	100	P	FD-01
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/16/2015	12:06:05	7440-23-5	Sodium	584	U	mg/kg	584	12/03/2015	12/14/2015	12/04/2015	85.6	1	100	P	FD-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/10/2015	16:42:21	7439-97-6	Mercury	0.0066	LJ	mg/kg	0.12	12/03/2015	12/10/2015	12/04/2015	86.7	0.5	100	CV	P-04-01
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/10/2015	16:44:53	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/03/2015	12/10/2015	12/04/2015	85.4	0.5	100	CV	LOR-06
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/10/2015	16:47:25	7439-97-6	Mercury	0.0071	LJ	mg/kg	0.12	12/03/2015	12/10/2015	12/04/2015	86.3	0.5	100	CV	LOR-12
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/10/2015	16:49:58	7439-97-6	Mercury	0.11	U	mg/kg	0.11	12/03/2015	12/10/2015	12/04/2015	87.4	0.5	100	CV	LOR-09
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/10/2015	16:52:29	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/03/2015	12/10/2015	12/04/2015	85.6	0.5	100	CV	FD-01
45671	MF6R00	MF6R00	5120091-01	S	Field_Sample	12/14/2015	15:02:57	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015	86.7	1	50	AS	P-04-01
45671	MF6R00	MF6R01	5120091-02	S	Field_Sample	12/14/2015	15:05:27	57-12-5	Cyanide	0.59	U	mg/kg	0.59	12/03/2015	12/14/2015	12/04/2015	85.4	1	50	AS	LOR-06
45671	MF6R00	MF6R02	5120091-03	S	Field_Sample	12/14/2015	15:06:17	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015	86.3	1	50	AS	LOR-12
45671	MF6R00	MF6R03	5120091-04	S	Field_Sample	12/14/2015	15:07:07	57-12-5	Cyanide	0.57	U	mg/kg	0.57	12/03/2015	12/14/2015	12/04/2015	87.4	1	50	AS	LOR-09
45671	MF6R00	MF6R04	5120091-05	S	Field_Sample	12/14/2015	15:07:57	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/03/2015	12/14/2015	12/04/2015	85.6	1	50	AS	FD-01

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 45671 SDG No. MF6R00 SDG Nos. To Follow Mod. Ref. No. 2542.1 Date Rec 12/28/15

EPA Lab ID: BON

Lab location: Hattiesburg, MS

Region: 6 Audit No.: 45671/MF6R00

Resubmitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

4. Page 26 was included but not listed on Form DC-2.

14/15 Sample tags were not required for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?		X	
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT/CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?	X		
18a. If "NO", does the copy indicate where original documents are located?			X

Audited by: Sonya Meekins/ESAT Data Reviewer Date 01/04/16

Audited by: Date

Signature Printed Name/Title

DC-2__

In Reference To Case No(s):
45671 SDG: MF6R00 (I-0677)

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	BON
Lab Contact:	Chris Bonner
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Sonya Meekins - ESAT

In reference to data for the following fractions:

CSF

Summary of Questions/Issues:

1. Page 26 was not listed on Form DC-2 (ISM02.3, p. B-52, sect 3.6.2.1). Please add this page number in an appropriate section on Form DC-2.

2. The corrections on Form DC-2-1 (p. 8) were not initialed and dated. Please add this contract-required information and resubmit this page with proper pagination (ISM02.3, p. E-17, sec. 5.6.7).

NOTE: Any submitted laboratory resubmission should be clearly marked as "Additional Data" with a cover letter included describing what data is being delivered, which Case the data pertains, and who requested the data (ISM02.3, p. B-9, sec. 2.2.1). Custody seals are required only for regular mail shipments.

Please respond to the above item **within 5 business days (ISM02.3, p. B-9, sec. 2.2.1)** by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

USEPA CLP COC (LAB COPY)
DateShipped: 12/3/2015
CarrierName: FedEx
AirbillNo: 859483220443

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #:

EPW14029
MF6R00

No: 6-120315-171308-0004
Lab: Bonner Analytical Testing Company - BON
Lab Contact: Chris Bonner
Lab Phone: 601-264-2854

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0001	MF6R00	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1013 (4 C) (1)	P-04-01	12/03/2015 09:05	
277-0002	MF6R01	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1020 (4 C) (1)	LOR-06	12/03/2015 10:30	
277-0003	MF6R02	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1027 (4 C) (1)	LOR-12	12/03/2015 11:10	
277-0004	MF6R03	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1034 (4 C) (1)	LOR-09	12/03/2015 11:45	
277-0005	MF6R04	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1041 (4 C) (1)	FD-01	12/03/2015 14:40	

Sample(s) to be used for Lab QC: 277-0001 Tag 1013 - Special Instructions: ICP-AES for Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium.
ICP-MS for Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TMs+Hg+Cn=TotalMetals ICP-AES +Hg+Cn by ISM02.3, ICP-MS by ISM02.3/MA#2542.1

5°C

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	LM SERAS	1600 12/3/15	P. Aik Bon	1018 12-4-15	good

Page 11 of 11

5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

January 12, 2016

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Katrina Coltrain, Remedial Project Manager (6SF-RL)

Site: **WILCOX OIL**

Case#: **45671**

SDG#: **MF6R05**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: January 11, 2016

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Sonya Meekins, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-13-026
TO No.:	002
Task/Sub-Task:	2-12
ESAT Doc. No.:	1602-212-0010
TDF No.:	6-16-113A
ESAT File No.:	I-0679

Attached is the data review summary for Case # 45671
SDG # MF6R05
Site Wilcox Oil

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	45671	SITE	Wilcox Oil
LABORATORY	BON	NO. OF SAMPLES	13
CONTRACT#	EP-W-14-029	MATRIX	Soil
SDG#	MF6R05	REVIEWER (IF NOT ESB)	ESAT
SOW#	ISM02.3/MA 2542.1	REVIEWER'S NAME	Sonya Meekins
SF#	303DD2GG	COMPLETION DATE	January 11, 2016

SAMPLE NO.				
MF6R05	MF6R09	MF6R13	MF6R17	
MF6R06	MF6R10	MF6R14		
MF6R07	MF6R11	MF6R15		
MF6R08	MF6R12	MF6R16		

	ICP-AES	ICP-MS	HG	CN
1. HOLDING TIMES	O	O	O	O
2. CALIBRATIONS	O	O	O	O
3. BLANKS	O	O	O	O
4. MATRIX SPIKES	O	O	O	O
5. DUPLICATE ANALYSIS	O	O	O	O
6. ICP QC	O	O	N/A	N/A
7. LCS	O	O	N/A	N/A
8. SAMPLE VERIFICATION	O	O	O	O
9. OTHER QC	N/A	N/A	N/A	N/A
10. OVERALL ASSESSMENT	O	O	O	O

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREAS OF CONCERN:

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 45671 **SDG** MF6R05 **SITE** Wilcox Oil **LAB** BON

COMMENTS: This SDG consisted of 13 soil samples for total metals (by ICP-AES and ICP-MS), mercury, and cyanide analyses following SOW ISM02.3. The samples were also subject to Modified Analysis Request 2542.1 (MA 2542.1), which requested a lower CRQL for thallium. The sampler designated samples MF6R05 and MF6R15 for QC analyses. However, the laboratory only performed QC analyses on sample MF6R05.

The SOW requires that the soil sample results be adjusted for moisture content, which raised the adjusted QLs above the CRQLs specified in the SOW and MA 2542.1. The adjusted CRQLs were reported by the laboratory and are referred to as SQLs in this report.

The target analytes of concern with the desired CRQLs in parentheses are antimony (1.0 mg/kg), arsenic (0.5 mg/kg), cadmium (0.5 mg/kg), chromium (1.0 mg/kg), cobalt (0.5 mg/kg), selenium (2.5 mg/kg), and thallium (0.25 mg/kg). The analytes of concern detected above the SQLs are arsenic, chromium, and cobalt in all samples. The laboratory reanalyzed sample MF6R15 at the required 2X dilution because the %RI for IS SC-45 was above the QC limit in the undiluted analysis of this sample. The dilution had an acceptable %RI for IS SC-45, so the laboratory reported the results associated with IS SC-45 from the diluted analysis. The laboratory also diluted 3X and reanalyzed sample MF6R15 because of a high iron concentration.

S3VEM Review was performed for this data package as requested by the TDF. For this review option, laboratory contractual compliance and technical usability of the sample results are primarily determined by the EDM CCS Defect Report and NFG Data Review Results Report, respectively. The reviewer performs supplemental hardcopy forms checking and applies Region 6 guidelines, where necessary, to account for known limitations of the electronic review process. Therefore, the reviewer's final assessments may deviate from those found in the EDM reports. The NFG Data Review Results Report for the SDG is attached to this report as an addendum for additional information.

OVERALL ASSESSMENT: All results were acceptable. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

The laboratory was contacted for a reporting issue (see Resubmission Request). The laboratory resubmission will not impact the DST, so the DST included is the final version.

INORGANIC ACRONYMS

CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
EDM	EXES Data Manager
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IS	Internal Standard
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location

Disclaimer: **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

L Reported concentration is between the MDL and the CRQL.

J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

R Result is unusable.

F A possibility of a false negative exists.

UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOD	STATLOC
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-38-2	Arsenic	2.4		mg/kg	0.60	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-39-3	Barium	43.1		mg/kg	6.0	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-41-7	Beryllium	0.60	U	mg/kg	0.60	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-43-9	Cadmium	0.60	U	mg/kg	0.60	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-47-3	Chromium	13.8		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-48-4	Cobalt	3.1		mg/kg	0.60	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-50-8	Copper	7.1		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7439-92-1	Lead	46.0		mg/kg	0.60	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7439-96-5	Manganese	192		mg/kg	0.60	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-02-0	Nickel	5.4		mg/kg	0.60	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7782-49-2	Selenium	3.0	U	mg/kg	3.0	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-22-4	Silver	0.60	U	mg/kg	0.60	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-28-0	Thallium	0.30	U	mg/kg	0.30	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-62-2	Vanadium	11.2		mg/kg	3.0	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/23/2015	14:28:48	7440-66-6	Zinc	41.1		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		83.3	1	500	MS	WIL-30
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-38-2	Arsenic	1.5		mg/kg	0.59	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-39-3	Barium	54.3		mg/kg	5.9	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-41-7	Beryllium	0.59	U	mg/kg	0.59	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-43-9	Cadmium	0.59	U	mg/kg	0.59	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-47-3	Chromium	8.2		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-48-4	Cobalt	3.0		mg/kg	0.59	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-50-8	Copper	4.0		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7439-92-1	Lead	19.6		mg/kg	0.59	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7439-96-5	Manganese	238		mg/kg	0.59	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-02-0	Nickel	4.4		mg/kg	0.59	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-22-4	Silver	0.59	U	mg/kg	0.59	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-62-2	Vanadium	13.0		mg/kg	2.9	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/23/2015	14:44:55	7440-66-6	Zinc	22.2		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		84.8	1	500	MS	WIL-29
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-38-2	Arsenic	1.7		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-39-3	Barium	29.3		mg/kg	5.8	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-47-3	Chromium	7.1		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-48-4	Cobalt	2.3		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-50-8	Copper	3.6		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7439-92-1	Lead	5.5		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7439-96-5	Manganese	59.8		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-02-0	Nickel	4.9		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-62-2	Vanadium	9.8		mg/kg	2.9	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/23/2015	14:48:58	7440-66-6	Zinc	5.3		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-05
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-38-2	Arsenic	2.7		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-39-3	Barium	18.3		mg/kg	5.8	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-47-3	Chromium	6.7		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-48-4	Cobalt	3.2		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-50-8	Copper	5.8		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7439-92-1	Lead	6.8		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7439-96-5	Manganese	67.7		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-02-0	Nickel	3.5		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-62-2	Vanadium	12.8		mg/kg	2.9	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/23/2015	14:52:59	7440-66-6	Zinc	3.8		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		86.7	1	500	MS	WIL-25
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-38-2	Arsenic	3.4		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-39-3	Barium	49.1		mg/kg	5.8	12/07/2015	12/14/2015	12/09/2015		85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015		85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-47-3	Chromium	7.9		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015		85.5	1	500	MS	TF-11-03

45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-48-4	Cobalt	10.4		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-50-8	Copper	5.1		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7439-92-1	Lead	4.3		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7439-96-5	Manganese	1470		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-02-0	Nickel	7.3		mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-62-2	Vanadium	15.7		mg/kg	2.9	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/23/2015	14:57:01	7440-66-6	Zinc	5.4		mg/kg	1.2	12/07/2015	12/14/2015	12/09/2015	85.5	1	500	MS	TF-11-03
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-38-2	Arsenic	2.4		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-39-3	Barium	76.0		mg/kg	5.8	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-47-3	Chromium	8.7		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-48-4	Cobalt	4.2		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-50-8	Copper	4.7		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7439-92-1	Lead	5.9		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7439-96-5	Manganese	94.3		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-02-0	Nickel	6.3		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-62-2	Vanadium	13.8		mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/23/2015	15:01:03	7440-66-6	Zinc	6.3		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.1	1	500	MS	TF-11-05
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-38-2	Arsenic	1.6		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-39-3	Barium	70.4		mg/kg	5.8	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-47-3	Chromium	7.7		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-48-4	Cobalt	3.8		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-50-8	Copper	4.6		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7439-92-1	Lead	3.5		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7439-96-5	Manganese	26.3		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-02-0	Nickel	9.3		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-62-2	Vanadium	13.7		mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/23/2015	15:13:30	7440-66-6	Zinc	10.0		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	TF-12-01
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-36-0	Antimony	1.1	U	mg/kg	1.1	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-38-2	Arsenic	1.9		mg/kg	0.57	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-39-3	Barium	50.6		mg/kg	5.7	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-41-7	Beryllium	0.57	U	mg/kg	0.57	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-43-9	Cadmium	0.57	U	mg/kg	0.57	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-47-3	Chromium	7.5		mg/kg	1.1	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-48-4	Cobalt	4.4		mg/kg	0.57	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-50-8	Copper	3.4		mg/kg	1.1	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7439-92-1	Lead	2.6		mg/kg	0.57	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7439-96-5	Manganese	109		mg/kg	0.57	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-02-0	Nickel	6.9		mg/kg	0.57	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-22-4	Silver	0.57	U	mg/kg	0.57	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-62-2	Vanadium	13.2		mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/23/2015	15:17:33	7440-66-6	Zinc	7.6		mg/kg	1.1	12/08/2015	12/14/2015	12/09/2015	87.3	1	500	MS	TF-12-05
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-38-2	Arsenic	1.3		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-39-3	Barium	25.5		mg/kg	5.8	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-47-3	Chromium	5.4		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-48-4	Cobalt	1.9		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-50-8	Copper	3.1		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7439-92-1	Lead	2.0		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7439-96-5	Manganese	59.9		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-02-0	Nickel	4.2		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02

45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-62-2	Vanadium	9.5		mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/23/2015	15:21:36	7440-66-6	Zinc	6.0		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	86.0	1	500	MS	FD-02
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-36-0	Antimony	1.1	U	mg/kg	1.1	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-38-2	Arsenic	3.8		mg/kg	0.56	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-39-3	Barium	70.2		mg/kg	5.6	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-41-7	Beryllium	0.56	U	mg/kg	0.56	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-43-9	Cadmium	0.56	U	mg/kg	0.56	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-47-3	Chromium	8.7		mg/kg	1.1	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-48-4	Cobalt	4.1		mg/kg	0.56	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-50-8	Copper	3.5		mg/kg	1.1	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7439-92-1	Lead	2.8		mg/kg	0.56	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7439-96-5	Manganese	62.5		mg/kg	0.56	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-02-0	Nickel	6.8		mg/kg	0.56	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7782-49-2	Selenium	2.8	U	mg/kg	2.8	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-22-4	Silver	0.56	U	mg/kg	0.56	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-28-0	Thallium	0.28	U	mg/kg	0.28	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-62-2	Vanadium	12.0		mg/kg	2.8	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/23/2015	15:25:39	7440-66-6	Zinc	8.0		mg/kg	1.1	12/08/2015	12/14/2015	12/09/2015	89.8	1	500	MS	TF-12-06
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7440-38-2	Arsenic	9.4		mg/kg	0.59	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7440-39-3	Barium	56.2		mg/kg	5.9	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7440-41-7	Beryllium	1.1		mg/kg	0.59	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/28/2015	11:06:20	7440-43-9	Cadmium	1.2	U	mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7440-47-3	Chromium	31.6		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/28/2015	11:06:20	7440-48-4	Cobalt	7.6		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/28/2015	11:06:20	7440-50-8	Copper	4.4		mg/kg	2.3	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7439-92-1	Lead	14.6		mg/kg	0.59	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7439-96-5	Manganese	64.1		mg/kg	0.59	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7440-02-0	Nickel	43.4		mg/kg	0.59	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/28/2015	11:06:20	7440-22-4	Silver	1.2	U	mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/23/2015	15:29:42	7440-62-2	Vanadium	35.2		mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/28/2015	11:06:20	7440-66-6	Zinc	14.6		mg/kg	2.3	12/08/2015	12/14/2015	12/09/2015	85.2	1	500	MS	WIL-20
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-38-2	Arsenic	3.2		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-39-3	Barium	65.0		mg/kg	5.8	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-47-3	Chromium	8.6		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-48-4	Cobalt	4.1		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-50-8	Copper	5.2		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7439-92-1	Lead	4.9		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7439-96-5	Manganese	78.9		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-02-0	Nickel	5.8		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-62-2	Vanadium	18.6		mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/23/2015	15:33:43	7440-66-6	Zinc	6.0		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.7	1	500	MS	WIL-35
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-38-2	Arsenic	1.8		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-39-3	Barium	34.9		mg/kg	5.8	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-47-3	Chromium	10.7		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-48-4	Cobalt	3.3		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-50-8	Copper	4.6		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7439-92-1	Lead	3.4		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7439-96-5	Manganese	94.9		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-02-0	Nickel	7.0		mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-62-2	Vanadium	12.6		mg/kg	2.9	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/23/2015	15:37:46	7440-66-6	Zinc	8.0		mg/kg	1.2	12/08/2015	12/14/2015	12/09/2015	85.9	1	500	MS	WIL-14
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/16/2015	12:28:42	7429-90-5	Aluminum	6720		mg/kg	24.0	12/07/2015	12/14/2015	12/09/2015	83.3	1	100	P	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/16/2015	12:28:42	7440-70-2	Calcium	2140		mg/kg	600	12/07/2015	12/14/2015	12/09/2015	83.3	1	100	P	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/16/2015	12:28:42	7439-89-6	Iron	8340		mg/kg	12.0	12/07/2015	12/14/2015	12/09/2015	83.3	1	100	P	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/16/2015	12:28:42	7439-95-4	Magnesium	757		mg/kg	600	12/07/2015	12/14/2015	12/09/2015	83.3	1	100	P	WIL-30

45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/16/2015	12:28:42	7440-09-7	Potassium	876		mg/kg	600	12/07/2015	12/14/2015	12/09/2015	83.3	1	100	P	WIL-30
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/16/2015	12:28:42	7440-23-5	Sodium	29.2	LJ	mg/kg	600	12/07/2015	12/14/2015	12/09/2015	83.3	1	100	P	WIL-30
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/16/2015	12:46:22	7429-90-5	Aluminum	9710		mg/kg	23.6	12/07/2015	12/14/2015	12/09/2015	84.8	1	100	P	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/16/2015	12:46:22	7440-70-2	Calcium	824		mg/kg	590	12/07/2015	12/14/2015	12/09/2015	84.8	1	100	P	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/16/2015	12:46:22	7439-89-6	Iron	8430		mg/kg	11.8	12/07/2015	12/14/2015	12/09/2015	84.8	1	100	P	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/16/2015	12:46:22	7439-95-4	Magnesium	728		mg/kg	590	12/07/2015	12/14/2015	12/09/2015	84.8	1	100	P	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/16/2015	12:46:22	7440-09-7	Potassium	1150		mg/kg	590	12/07/2015	12/14/2015	12/09/2015	84.8	1	100	P	WIL-29
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/16/2015	12:46:22	7440-23-5	Sodium	45.5	LJ	mg/kg	590	12/07/2015	12/14/2015	12/09/2015	84.8	1	100	P	WIL-29
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/16/2015	12:50:47	7429-90-5	Aluminum	10000		mg/kg	23.1	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/16/2015	12:50:47	7440-70-2	Calcium	666		mg/kg	577	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/16/2015	12:50:47	7439-89-6	Iron	11800		mg/kg	11.5	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/16/2015	12:50:47	7439-95-4	Magnesium	1270		mg/kg	577	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/16/2015	12:50:47	7440-09-7	Potassium	1490		mg/kg	577	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-05
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/16/2015	12:50:47	7440-23-5	Sodium	47.1	LJ	mg/kg	577	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-05
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/16/2015	12:55:10	7429-90-5	Aluminum	4940		mg/kg	23.1	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/16/2015	12:55:10	7440-70-2	Calcium	577	U	mg/kg	577	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/16/2015	12:55:10	7439-89-6	Iron	7950		mg/kg	11.5	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/16/2015	12:55:10	7439-95-4	Magnesium	577	U	mg/kg	577	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/16/2015	12:55:10	7440-09-7	Potassium	708		mg/kg	577	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-25
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/16/2015	12:55:10	7440-23-5	Sodium	9.8	LJ	mg/kg	577	12/07/2015	12/14/2015	12/09/2015	86.7	1	100	P	WIL-25
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/16/2015	12:59:39	7429-90-5	Aluminum	11400		mg/kg	23.4	12/07/2015	12/14/2015	12/09/2015	85.5	1	100	P	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/16/2015	12:59:39	7440-70-2	Calcium	585	U	mg/kg	585	12/07/2015	12/14/2015	12/09/2015	85.5	1	100	P	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/16/2015	12:59:39	7439-89-6	Iron	9070		mg/kg	11.7	12/07/2015	12/14/2015	12/09/2015	85.5	1	100	P	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/16/2015	12:59:39	7439-95-4	Magnesium	899		mg/kg	585	12/07/2015	12/14/2015	12/09/2015	85.5	1	100	P	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/16/2015	12:59:39	7440-09-7	Potassium	1300		mg/kg	585	12/07/2015	12/14/2015	12/09/2015	85.5	1	100	P	TF-11-03
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/16/2015	12:59:39	7440-23-5	Sodium	26.0	LJ	mg/kg	585	12/07/2015	12/14/2015	12/09/2015	85.5	1	100	P	TF-11-03
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/16/2015	13:04:05	7429-90-5	Aluminum	12200		mg/kg	23.2	12/08/2015	12/14/2015	12/09/2015	86.1	1	100	P	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/16/2015	13:04:05	7440-70-2	Calcium	589		mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.1	1	100	P	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/16/2015	13:04:05	7439-89-6	Iron	9790		mg/kg	11.6	12/08/2015	12/14/2015	12/09/2015	86.1	1	100	P	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/16/2015	13:04:05	7439-95-4	Magnesium	1080		mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.1	1	100	P	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/16/2015	13:04:05	7440-09-7	Potassium	1560		mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.1	1	100	P	TF-11-05
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/16/2015	13:04:05	7440-23-5	Sodium	34.2	LJ	mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.1	1	100	P	TF-11-05
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/16/2015	13:17:41	7429-90-5	Aluminum	14400		mg/kg	23.3	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/16/2015	13:17:41	7440-70-2	Calcium	1140		mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/16/2015	13:17:41	7439-89-6	Iron	11900		mg/kg	11.6	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/16/2015	13:17:41	7439-95-4	Magnesium	1830		mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/16/2015	13:17:41	7440-09-7	Potassium	1520		mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	TF-12-01
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/16/2015	13:17:41	7440-23-5	Sodium	89.2	LJ	mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	TF-12-01
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/16/2015	13:22:06	7429-90-5	Aluminum	12700		mg/kg	22.9	12/08/2015	12/14/2015	12/09/2015	87.3	1	100	P	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/16/2015	13:22:06	7440-70-2	Calcium	840		mg/kg	573	12/08/2015	12/14/2015	12/09/2015	87.3	1	100	P	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/16/2015	13:22:06	7439-89-6	Iron	11200		mg/kg	11.5	12/08/2015	12/14/2015	12/09/2015	87.3	1	100	P	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/16/2015	13:22:06	7439-95-4	Magnesium	1410		mg/kg	573	12/08/2015	12/14/2015	12/09/2015	87.3	1	100	P	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/16/2015	13:22:06	7440-09-7	Potassium	1370		mg/kg	573	12/08/2015	12/14/2015	12/09/2015	87.3	1	100	P	TF-12-05
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/16/2015	13:22:06	7440-23-5	Sodium	123	LJ	mg/kg	573	12/08/2015	12/14/2015	12/09/2015	87.3	1	100	P	TF-12-05
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/16/2015	13:26:31	7429-90-5	Aluminum	6470		mg/kg	23.3	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/16/2015	13:26:31	7440-70-2	Calcium	581	U	mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/16/2015	13:26:31	7439-89-6	Iron	5190		mg/kg	11.6	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/16/2015	13:26:31	7439-95-4	Magnesium	740		mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/16/2015	13:26:31	7440-09-7	Potassium	797		mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	FD-02
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/16/2015	13:26:31	7440-23-5	Sodium	57.9	LJ	mg/kg	581	12/08/2015	12/14/2015	12/09/2015	86.0	1	100	P	FD-02
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/16/2015	13:30:59	7429-90-5	Aluminum	15500		mg/kg	22.3	12/08/2015	12/14/2015	12/09/2015	89.8	1	100	P	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/16/2015	13:30:59	7440-70-2	Calcium	1210		mg/kg	557	12/08/2015	12/14/2015	12/09/2015	89.8	1	100	P	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/16/2015	13:30:59	7439-89-6	Iron	17400		mg/kg	11.1	12/08/2015	12/14/2015	12/09/2015	89.8	1	100	P	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/16/2015	13:30:59	7439-95-4	Magnesium	1720		mg/kg	557	12/08/2015	12/14/2015	12/09/2015	89.8	1	100	P	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/16/2015	13:30:59	7440-09-7	Potassium	1770		mg/kg	557	12/08/2015	12/14/2015	12/09/2015	89.8	1	100	P	TF-12-06
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/16/2015	13:30:59	7440-23-5	Sodium	305	LJ	mg/kg	557	12/08/2015	12/14/2015	12/09/2015	89.8	1	100	P	TF-12-06
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/16/2015	13:35:22	7429-90-5	Aluminum	12400		mg/kg	23.5	12/08/2015	12/14/2015	12/09/2015	85.2	1	100	P	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/16/2015	13:35:22	7440-70-2	Calcium	2410		mg/kg	587	12/08/2015	12/14/2015	12/09/2015	85.2	1	100	P	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/16/2015	13:56:03	7439-89-6	Iron	50300		mg/kg	35.2	12/08/2015	12/14/2015	12/09/2015	85.2	1	100	P	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/16/2015	13:35:22	7439-95-4	Magnesium	2630		mg/kg	587	12/08/2015	12/14/2015	12/09/2015	85.2	1	100	P	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/16/2015	13:35:22	7440-09-7	Potassium	3420		mg/kg	587	12/08/2015	12/14/2015	12/09/2015	85.2	1	100	P	WIL-20
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/16/2015	13:35:22	7440-23-5	Sodium	1820		mg/kg	587	12/08/2015	12/14/2015	12/09/2015	85.2	1	100	P	WIL-20
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/16/2015	13:39:43	7429-90-5	Aluminum	12400		mg/kg	23.3	12/08/2015	12/14/2015	12/09/2015	85.7	1	100	P	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/16/2015	13:39:43	7440-70-2	Calcium	583	U	mg/kg	583	12/08/2015	12/14/2015	12/09/2015	85.7	1	100	P	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/16/2015	13:39:43	7439-89-6	Iron	11800		mg/kg	11.7	12/08/2015	12/14/2015	12/09/2015	85.7	1	100	P	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/16/2015	13:39:43	7439-95-4	Magnesium	1050		mg/kg	583	12/08/2015	12/14/2015	12/09/2015	85.7	1	100	P	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/16/2015	13:39:43	7440-09-7	Potassium	1300		mg/kg	583	12/08/2015	12/14/2015	12/09/2015	85.7	1	100	P	WIL-35
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/16/2015	13:39:43	7440-23-5	Sodium	30.3	LJ	mg/kg	583	12/08/2015	12/14/2015	12/09/2015	85.7	1	100	P	WIL-35
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/16/2015	13:44:07	7429-90-5	Aluminum	12000		mg/kg	23.3	12/08/2015	12/14/2015	12/09/2015	85.9	1	100	P	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/16/2015	13:44:07	7440-70-2	Calcium	1260		mg/kg	582	12/08/2015	12/14/2015	12/09/2015	85.9	1	100	P	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/16/2015	13:44:07	7439-89-6	Iron	15300		mg/kg	11.6	12/08/2015	12/14/2015	12/09/2015	85.9	1	100	P	WIL-14

45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/16/2015	13:44:07	7439-95-4	Magnesium	1280		mg/kg	582	12/08/2015	12/14/2015	12/09/2015	85.9	1	100	P	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/16/2015	13:44:07	7440-09-7	Potassium	1550		mg/kg	582	12/08/2015	12/14/2015	12/09/2015	85.9	1	100	P	WIL-14
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/16/2015	13:44:07	7440-23-5	Sodium	231	LJ	mg/kg	582	12/08/2015	12/14/2015	12/09/2015	85.9	1	100	P	WIL-14
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/10/2015	17:07:38	7439-97-6	Mercury	0.095	LJ	mg/kg	0.12	12/07/2015	12/10/2015	12/09/2015	83.3	0.5	100	CV	WIL-30
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/10/2015	17:10:10	7439-97-6	Mercury	0.25		mg/kg	0.12	12/07/2015	12/10/2015	12/09/2015	84.8	0.5	100	CV	WIL-29
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/10/2015	17:12:43	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/07/2015	12/10/2015	12/09/2015	86.7	0.5	100	CV	WIL-05
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/10/2015	17:15:14	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/07/2015	12/10/2015	12/09/2015	86.7	0.5	100	CV	WIL-25
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/10/2015	17:17:45	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/07/2015	12/10/2015	12/09/2015	85.5	0.5	100	CV	TF-11-03
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/10/2015	17:20:16	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/08/2015	12/10/2015	12/09/2015	86.1	0.5	100	CV	TF-11-05
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/10/2015	17:22:48	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/08/2015	12/10/2015	12/09/2015	86.0	0.5	100	CV	TF-12-01
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/10/2015	17:25:20	7439-97-6	Mercury	0.11	U	mg/kg	0.11	12/08/2015	12/10/2015	12/09/2015	87.3	0.5	100	CV	TF-12-05
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/10/2015	17:27:52	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/08/2015	12/10/2015	12/09/2015	86.0	0.5	100	CV	FD-02
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/10/2015	17:30:24	7439-97-6	Mercury	0.010	LJ	mg/kg	0.11	12/08/2015	12/10/2015	12/09/2015	89.8	0.5	100	CV	TF-12-06
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/10/2015	17:32:56	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/08/2015	12/10/2015	12/09/2015	85.2	0.5	100	CV	WIL-20
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/10/2015	17:35:27	7439-97-6	Mercury	0.12	U	mg/kg	0.12	12/08/2015	12/10/2015	12/09/2015	85.7	0.5	100	CV	WIL-35
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/10/2015	17:37:59	7439-97-6	Mercury	0.0057	LJ	mg/kg	0.12	12/08/2015	12/10/2015	12/09/2015	85.9	0.5	100	CV	WIL-14
45671	MF6R05	MF6R05	5120128-01	S	Field_Sample	12/15/2015	14:54:46	57-12-5	Cyanide	0.60	U	mg/kg	0.60	12/07/2015	12/15/2015	12/09/2015	83.3	1	50	AS	WIL-30
45671	MF6R05	MF6R06	5120128-02	S	Field_Sample	12/15/2015	14:57:16	57-12-5	Cyanide	0.59	U	mg/kg	0.59	12/07/2015	12/15/2015	12/09/2015	84.8	1	50	AS	WIL-29
45671	MF6R05	MF6R07	5120128-03	S	Field_Sample	12/15/2015	14:58:06	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/07/2015	12/15/2015	12/09/2015	86.7	1	50	AS	WIL-05
45671	MF6R05	MF6R08	5120128-04	S	Field_Sample	12/15/2015	14:58:56	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/07/2015	12/15/2015	12/09/2015	86.7	1	50	AS	WIL-25
45671	MF6R05	MF6R09	5120128-05	S	Field_Sample	12/15/2015	14:59:46	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/07/2015	12/15/2015	12/09/2015	85.5	1	50	AS	TF-11-03
45671	MF6R05	MF6R10	5120128-06	S	Field_Sample	12/15/2015	15:00:36	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/08/2015	12/15/2015	12/09/2015	86.1	1	50	AS	TF-11-05
45671	MF6R05	MF6R11	5120128-07	S	Field_Sample	12/15/2015	15:01:26	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/08/2015	12/15/2015	12/09/2015	86.0	1	50	AS	TF-12-01
45671	MF6R05	MF6R12	5120128-08	S	Field_Sample	12/15/2015	15:02:16	57-12-5	Cyanide	0.57	U	mg/kg	0.57	12/08/2015	12/15/2015	12/09/2015	87.3	1	50	AS	TF-12-05
45671	MF6R05	MF6R13	5120128-09	S	Field_Sample	12/15/2015	15:03:06	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/08/2015	12/15/2015	12/09/2015	86.0	1	50	AS	FD-02
45671	MF6R05	MF6R14	5120128-10	S	Field_Sample	12/15/2015	15:03:56	57-12-5	Cyanide	0.56	U	mg/kg	0.56	12/08/2015	12/15/2015	12/09/2015	89.8	1	50	AS	TF-12-06
45671	MF6R05	MF6R15	5120128-11	S	Field_Sample	12/15/2015	15:04:46	57-12-5	Cyanide	0.59	U	mg/kg	0.59	12/08/2015	12/15/2015	12/09/2015	85.2	1	50	AS	WIL-20
45671	MF6R05	MF6R16	5120128-12	S	Field_Sample	12/15/2015	15:05:36	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/08/2015	12/15/2015	12/09/2015	85.7	1	50	AS	WIL-35
45671	MF6R05	MF6R17	5120128-13	S	Field_Sample	12/15/2015	15:06:26	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/08/2015	12/15/2015	12/09/2015	85.9	1	50	AS	WIL-14

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 45671 SDG No. MF6R05 SDG Nos. To Follow Mod. Ref. No. 2542.1 Date Rec 12/30/15

EPA Lab ID: BON

Lab location: Hattiesburg, MS

Region: 6 Audit No.: 45671/MF6R05

Resubmitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

14/15 Sample tags were not required for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT/CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?	X		
18a. If "NO", does the copy indicate where original documents are located?			X

Audited by: Sonya Meekins/ESAT Data Reviewer Date 01/08/16

Audited by: Date

Signature Printed Name/Title

DC-2_

In Reference To Case No(s):
45671 SDG: MF6R05 (I-0679)

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	BON
Lab Contact:	Chris Bonner
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Sonya Meekins - ESAT

In reference to data for the following fractions:

ICP-MS

Summary of Questions/Issues:

The non-blank standard at or below the MA 2542.1 CRQL for thallium was not reported on Form 15 as required by Section II of MA 2542.1. Please make the necessary corrections and resubmissions with the pages properly paginated.

NOTE: Any submitted laboratory resubmission should be clearly marked as "Additional Data" with a cover letter included describing what data is being delivered, which Case the data pertains, and who requested the data (ISM02.3, p. B-9, sec. 2.2.1). Custody seals are required only for regular mail shipments.

Please respond to the above item **within 5 business days (ISM02.3, p. B-9, sec. 2.2.1)** by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

USEPA CLP COC (LAB COPY)

DateShipped: 12/8/2015
CarrierName: FedEx
AirbillNo: 859483220031

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: EPW14029 MF6R05

No: 6-120815-180612-0008

Lab: Bonner Analytical Testing Company - BON
Lab Contact: Chris Bonner
Lab Phone: 601-264-2854

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0006	MF6R05 QC	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1048 (4 C) (1)	WIL-30	12/07/2015 09:45	
277-0007	MF6R06	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1055 (4 C) (1)	WIL-29	12/07/2015 10:30	
277-0008	MF6R07	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1062 (4 C) (1)	WIL-05	12/07/2015 12:20	
277-0009	MF6R08	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1069 (4 C) (1)	WIL-25	12/07/2015 14:40	
277-0010	MF6R09	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1076 (4 C) (1)	TF-11-03	12/07/2015 16:15	
277-0011	MF6R10	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1083 (4 C) (1)	TF-11-05	12/08/2015 08:40	
277-0012	MF6R11	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1090 (4 C) (1)	TF-12-01	12/08/2015 09:50	
277-0013	MF6R12	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1097 (4 C) (1)	TF-12-05	12/08/2015 11:15	
277-0014	MF6R13	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1104 (4 C) (1)	FD-02	12/08/2015 11:15	
277-0015	MF6R14	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1111 (4 C) (1)	TF-12-06	12/08/2015 12:10	

Sample(s) to be used for Lab QC: 277-0006 Tag 1048, 277-0016 Tag 1118 - Special Instructions: ICP-AES for Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium.
ICP-MS for Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TMs+Hg+Cn=TotalMetals ICP-AES +Hg+Cn by ISM02.3, ICP-MS by ISM02.3/MA#2542.1 9 QC

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL/ANALYSIS	[signature] LM SERAS	12/8/15 1715	[signature] Bon	1019 12-9-15	good

Page 14 of 15

5

USEPA CLP COC (LAB COPY)
DateShipped: 12/8/2015
CarrierName: FedEx
AirbillNo: 859483220031

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #:

EPW14029
MF6R05

No: 6-120815-180612-0008
Lab: Bonner Analytical Testing Company - BON
Lab Contact: Chris Bonner
Lab Phone: 601-264-2854

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0016	MF6R15	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1118 (4 C) (1)	WIL-20	12/08/2015 15:00	
277-0017	MF6R16	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1125 (4 C) (1)	WIL-35	12/08/2015 15:25	
277-0018	MF6R17	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1132 (4 C) (1)	WIL-14	12/08/2015 16:30	

Sample(s) to be used for Lab QC: 277-0016 Tag 1118 - Special Instructions: ICP-AES for Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium.
ICP-MS for Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TMs+Hg+Cn=TotalMetals ICP-AES +Hg+Cn by ISM02.3, ICP-MS by ISM02.3/MA#2542.1

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL/ANALYSIS	[signature] LM SERAS	12/8/15 1715	[signature] Bon	12-9-15 1019	good

Page 15 of 15

6

ADDENDUM

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

HoldingTimes_Preservation

Method - Metals by ICP-AES

Test Name: EXES-462
Defect Message: The following soil samples were not maintained at = 6°C (but not frozen) from time of collection until receipt at the laboratory. Use Professional Judgement to qualify detects as J- and nondetects as R.

Associated Samples: MF6R05, MF6R05L, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

	MF6R09, MF6R08, MF6R07, MF6R06, MF6R05, MF6R05L, MF6R05D, MF6R12, MF6R13, MF6R10, MF6R11, MF6R16, MF6R17, MF6R14, MF6R15

Method - Metals by ICP-MS

Test Name: EXES-462
Defect Message: The following soil samples were not maintained at = 6°C (but not frozen) from time of collection until receipt at the laboratory. Use Professional Judgement to qualify detects as J- and nondetects as R.

Associated Samples: MF6R05, MF6R05A, MF6R05L, MF6R05S, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

	MF6R09, MF6R08, MF6R07, MF6R05S, MF6R06, MF6R05, MF6R05L, MF6R05D, MF6R12, MF6R13, MF6R10, MF6R11, MF6R16, MF6R17, MF6R14, MF6R15, MF6R05A

Method - Mercury by Cold Vapor

Test Name: EXES-462
Defect Message: The following soil samples were not maintained at = 6°C (but not frozen) from time of collection until receipt at the laboratory. Use Professional Judgement to qualify detects as J- and nondetects as R.

Associated Samples: MF6R05, MF6R05S, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

	MF6R09, MF6R08, MF6R05S, MF6R07, MF6R06, MF6R05, MF6R05D, MF6R12, MF6R13, MF6R10, MF6R11, MF6R16, MF6R17, MF6R14, MF6R15

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Method - Cyanide

Test Name: EXES-462

Defect Message: The following soil samples were not maintained at = 6°C (but not frozen) from time of collection until receipt at the laboratory. Use Professional Judgement to qualify detects as J- and nondetects as R.

Associated Samples: MF6R05, MF6R05S, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

	MF6R09, MF6R08, MF6R07, MF6R05S, MF6R06, MF6R05, MF6R05D, MF6R12, MF6R13, MF6R10, MF6R11, MF6R16, MF6R17, MF6R14, MF6R15

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

TUNE

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InitialCalibration

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

ContinuingCalibrationVerification

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Blanks

Method - Metals by ICP-AES

Test Name: EXES-1342
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R16, MF6R17

Calcium	MF6R16, MF6R08, MF6R09, MF6R13
Magnesium	MF6R08
Sodium	MF6R08, MF6R05, MF6R14, MF6R16, MF6R10, MF6R12, MF6R09, MF6R07, MF6R11, MF6R06, MF6R17, MF6R13

Test Name: EXES-478
Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R15, MF6R16, MF6R08, MF6R06, MF6R13, MF6R07, MF6R09, MF6R11, MF6R05, MF6R10, MF6R14, MF6R17, MF6R12
Calcium	MF6R17, MF6R07, MF6R12, MF6R06, MF6R05, MF6R14, MF6R10, MF6R11, MF6R15
Iron	MF6R13, MF6R09, MF6R15, MF6R16, MF6R10, MF6R11, MF6R07, MF6R08, MF6R17, MF6R06, MF6R14, MF6R05, MF6R12
Magnesium	MF6R10, MF6R17, MF6R16, MF6R06, MF6R14, MF6R13, MF6R12, MF6R05, MF6R15, MF6R09, MF6R11, MF6R07
Potassium	MF6R08, MF6R14, MF6R09, MF6R05, MF6R06, MF6R12, MF6R11, MF6R10, MF6R17, MF6R13, MF6R16, MF6R15, MF6R07
Sodium	MF6R15

Test Name: EXES-479
Defect Message: The following samples have analyte results greater than CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R09, MF6R07, MF6R16, MF6R12, MF6R17, MF6R15, MF6R11, MF6R14, MF6R10, MF6R13, MF6R06, MF6R05, MF6R08
Calcium	MF6R12, MF6R15, MF6R17, MF6R07, MF6R10, MF6R05, MF6R06, MF6R11, MF6R14
Iron	MF6R09, MF6R15, MF6R13, MF6R16, MF6R10, MF6R06, MF6R05, MF6R11, MF6R14, MF6R08, MF6R12, MF6R07, MF6R17
Magnesium	MF6R10, MF6R17, MF6R16, MF6R06, MF6R14, MF6R13, MF6R12, MF6R05, MF6R15, MF6R09, MF6R11, MF6R07
Potassium	MF6R08, MF6R14, MF6R09, MF6R05, MF6R06, MF6R12, MF6R11, MF6R10, MF6R17, MF6R13, MF6R16, MF6R07, MF6R15
Sodium	MF6R15

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-480
Defect Message: The following samples are associated with CCB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R14, MF6R09, MF6R16, MF6R12, MF6R17, MF6R08, MF6R06, MF6R15, MF6R13, MF6R07, MF6R11, MF6R05, MF6R10
Iron	MF6R14, MF6R17, MF6R08, MF6R09, MF6R10, MF6R16, MF6R13, MF6R06, MF6R15, MF6R11, MF6R12, MF6R07, MF6R05
Magnesium	MF6R05, MF6R10, MF6R17, MF6R15, MF6R14, MF6R09, MF6R11, MF6R13, MF6R16, MF6R07, MF6R06, MF6R08, MF6R12
Potassium	MF6R09, MF6R10, MF6R12, MF6R14, MF6R13, MF6R11, MF6R15, MF6R16, MF6R08, MF6R17, MF6R07, MF6R05, MF6R06
Sodium	MF6R13, MF6R15, MF6R17, MF6R06, MF6R11, MF6R12, MF6R08, MF6R05, MF6R14, MF6R10, MF6R09, MF6R07, MF6R16

Test Name: EXES-481
Defect Message: The following samples are associated with ICB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R15, MF6R05, MF6R07, MF6R13, MF6R08, MF6R06, MF6R14, MF6R12, MF6R16, MF6R09, MF6R11, MF6R10, MF6R17
Calcium	MF6R05, MF6R14, MF6R11, MF6R06, MF6R07, MF6R15, MF6R08, MF6R17, MF6R10, MF6R13, MF6R09, MF6R12, MF6R16
Iron	MF6R07, MF6R11, MF6R08, MF6R05, MF6R15, MF6R16, MF6R17, MF6R14, MF6R06, MF6R09, MF6R13, MF6R12, MF6R10
Magnesium	MF6R05, MF6R13, MF6R14, MF6R06, MF6R16, MF6R17, MF6R12, MF6R07, MF6R08, MF6R11, MF6R09, MF6R15, MF6R10
Potassium	MF6R06, MF6R05, MF6R07, MF6R17, MF6R08, MF6R16, MF6R09, MF6R11, MF6R13, MF6R14, MF6R12, MF6R10, MF6R15
Sodium	MF6R13, MF6R15, MF6R17, MF6R06, MF6R11, MF6R12, MF6R08, MF6R05, MF6R14, MF6R10, MF6R09, MF6R07, MF6R16

Test Name: EXES-508
Defect Message: The following samples have analyte results greater than CRQLs. The associated PB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R10, MF6R08, MF6R06, MF6R05, MF6R13, MF6R07, MF6R15, MF6R12, MF6R16, MF6R14, MF6R09, MF6R11, MF6R17
Iron	MF6R09, MF6R10, MF6R16, MF6R13, MF6R11, MF6R15, MF6R17, MF6R08, MF6R06, MF6R07, MF6R05, MF6R14, MF6R12
Potassium	MF6R10, MF6R12, MF6R14, MF6R13, MF6R11, MF6R15, MF6R16, MF6R08, MF6R17, MF6R07, MF6R09, MF6R06, MF6R05
Sodium	MF6R15

Test Name: EXES-549
Defect Message: The following samples are associated with PB that has analyte results less than or equal to (-MDL) but greater than or equal to (-CRQL). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-549
Defect Message: The following samples are associated with PB that has analyte results less than or equal to (-MDL) but greater than or equal to (-CRQL). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R14, MF6R06, MF6R11, MF6R15, MF6R10, MF6R09, MF6R17, MF6R13, MF6R07, MF6R08, MF6R16, MF6R12, MF6R05
Iron	MF6R13, MF6R10, MF6R16, MF6R15, MF6R17, MF6R12, MF6R05, MF6R07, MF6R08, MF6R11, MF6R14, MF6R09, MF6R06
Potassium	MF6R11, MF6R15, MF6R16, MF6R08, MF6R17, MF6R07, MF6R05, MF6R06, MF6R09, MF6R10, MF6R12, MF6R14, MF6R13
Sodium	MF6R11, MF6R06, MF6R17, MF6R15, MF6R16, MF6R09, MF6R14, MF6R13, MF6R12, MF6R08, MF6R10, MF6R05, MF6R07

Method - Metals by ICP-MS

Test Name: EXES-1342
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Antimony	MF6R15
Beryllium	MF6R10, MF6R16, MF6R07, MF6R14, MF6R17, MF6R09, MF6R05, MF6R12, MF6R08, MF6R13, MF6R06, MF6R11
Cadmium	MF6R06, MF6R09, MF6R05
Selenium	MF6R11, MF6R09, MF6R16, MF6R17, MF6R14, MF6R08, MF6R07, MF6R15, MF6R10, MF6R06, MF6R05
Silver	MF6R05, MF6R13, MF6R15, MF6R17, MF6R06, MF6R16, MF6R11, MF6R12, MF6R14, MF6R10, MF6R09
Thallium	MF6R17, MF6R05, MF6R07, MF6R06, MF6R15, MF6R10, MF6R09, MF6R12, MF6R16, MF6R14, MF6R11

Test Name: EXES-476
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Cadmium	MF6R09, MF6R06, MF6R05
Silver	MF6R14, MF6R16, MF6R11, MF6R12, MF6R17, MF6R13, MF6R05, MF6R10, MF6R15, MF6R06, MF6R09
Thallium	MF6R09, MF6R10, MF6R06, MF6R07, MF6R15, MF6R17, MF6R14, MF6R12, MF6R16, MF6R11, MF6R05

Test Name: EXES-478
Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-478
Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Arsenic	MF6R05, MF6R16, MF6R17, MF6R12, MF6R06, MF6R14, MF6R15, MF6R13, MF6R10, MF6R08, MF6R09, MF6R11, MF6R07
Barium	MF6R07, MF6R05, MF6R06, MF6R14, MF6R17, MF6R15, MF6R10, MF6R09, MF6R16, MF6R11, MF6R12, MF6R13, MF6R08
Beryllium	MF6R15
Chromium	MF6R05, MF6R13, MF6R06, MF6R12, MF6R07, MF6R08, MF6R14, MF6R17, MF6R15, MF6R16, MF6R11, MF6R09, MF6R10
Cobalt	MF6R09, MF6R10, MF6R06, MF6R15, MF6R08, MF6R13, MF6R16, MF6R12, MF6R07, MF6R17, MF6R14, MF6R11, MF6R05
Copper	MF6R12, MF6R17, MF6R08, MF6R11, MF6R16, MF6R09, MF6R13, MF6R15, MF6R10, MF6R07, MF6R05, MF6R14, MF6R06
Lead	MF6R17, MF6R16, MF6R06, MF6R13, MF6R15, MF6R12, MF6R08, MF6R09, MF6R11, MF6R05, MF6R07, MF6R10, MF6R14
Manganese	MF6R15, MF6R06, MF6R16, MF6R11, MF6R08, MF6R05, MF6R07, MF6R17, MF6R13, MF6R14, MF6R10, MF6R09, MF6R12
Nickel	MF6R10, MF6R15, MF6R08, MF6R11, MF6R09, MF6R13, MF6R05, MF6R06, MF6R07, MF6R12, MF6R17, MF6R14, MF6R16
Vanadium	MF6R08, MF6R07, MF6R11, MF6R15, MF6R10, MF6R14, MF6R09, MF6R16, MF6R17, MF6R12, MF6R13, MF6R06, MF6R05
Zinc	MF6R08, MF6R16, MF6R06, MF6R11, MF6R10, MF6R05, MF6R17, MF6R14, MF6R09, MF6R07, MF6R12, MF6R13, MF6R15

Test Name: EXES-479
Defect Message: The following samples have analyte results greater than CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Arsenic	MF6R06, MF6R10, MF6R08, MF6R14, MF6R05, MF6R16, MF6R17, MF6R12, MF6R15, MF6R13, MF6R11, MF6R07, MF6R09
Barium	MF6R14, MF6R06, MF6R17, MF6R08, MF6R12, MF6R07, MF6R05, MF6R11, MF6R16, MF6R09, MF6R10, MF6R15, MF6R13
Beryllium	MF6R15
Chromium	MF6R10, MF6R06, MF6R13, MF6R08, MF6R14, MF6R17, MF6R16, MF6R15, MF6R07, MF6R11, MF6R12, MF6R09, MF6R05
Cobalt	MF6R09, MF6R10, MF6R06, MF6R15, MF6R08, MF6R13, MF6R16, MF6R12, MF6R07, MF6R17, MF6R14, MF6R11, MF6R05
Copper	MF6R12, MF6R17, MF6R08, MF6R11, MF6R16, MF6R09, MF6R13, MF6R15, MF6R10, MF6R07, MF6R05, MF6R14, MF6R06
Lead	MF6R17, MF6R16, MF6R13, MF6R06, MF6R15, MF6R12, MF6R08, MF6R09, MF6R11, MF6R05, MF6R07, MF6R10, MF6R14
Manganese	MF6R15, MF6R16, MF6R06, MF6R11, MF6R08, MF6R05, MF6R07, MF6R17, MF6R13, MF6R14, MF6R10, MF6R09, MF6R12
Nickel	MF6R10, MF6R15, MF6R08, MF6R11, MF6R09, MF6R13, MF6R05, MF6R06, MF6R07, MF6R14, MF6R17, MF6R12, MF6R16
Vanadium	MF6R08, MF6R07, MF6R11, MF6R15, MF6R10, MF6R14, MF6R09, MF6R16, MF6R17, MF6R12, MF6R13, MF6R06, MF6R05
Zinc	MF6R16, MF6R08, MF6R11, MF6R06, MF6R10, MF6R05, MF6R17, MF6R14, MF6R09, MF6R07, MF6R12, MF6R13, MF6R15

Test Name: EXES-480
Defect Message: The following samples are associated with CCB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R15

Copper	MF6R15

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-508
Defect Message: The following samples have analyte results greater than CRQLs. The associated PB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Barium	MF6R17, MF6R10, MF6R09, MF6R16, MF6R11, MF6R12, MF6R13, MF6R08, MF6R15, MF6R07, MF6R05, MF6R06, MF6R14
Manganese	MF6R09, MF6R12, MF6R10, MF6R14, MF6R13, MF6R05, MF6R15, MF6R17, MF6R11, MF6R16, MF6R06, MF6R07, MF6R08

Method - Mercury by Cold Vapor

Test Name: EXES-478
Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R06

Mercury	MF6R06

Test Name: EXES-479
Defect Message: The following samples have analyte results greater than CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R06

Mercury	MF6R06

Test Name: EXES-480
Defect Message: The following samples are associated with CCB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Mercury	MF6R05, MF6R12, MF6R09, MF6R16, MF6R06, MF6R11, MF6R17, MF6R10, MF6R13, MF6R07, MF6R15, MF6R14, MF6R08

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-481
Defect Message: The following samples are associated with ICB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Mercury	MF6R05, MF6R12, MF6R09, MF6R16, MF6R06, MF6R11, MF6R17, MF6R10, MF6R13, MF6R07, MF6R15, MF6R14, MF6R08

Method - Cyanide

Test Name: EXES-1342
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Cyanide	MF6R05, MF6R11, MF6R12, MF6R09, MF6R16, MF6R14, MF6R07, MF6R15, MF6R10, MF6R06, MF6R17, MF6R08, MF6R13

Test Name: EXES-476
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Cyanide	MF6R05, MF6R11, MF6R12, MF6R09, MF6R16, MF6R14, MF6R07, MF6R10, MF6R15, MF6R06, MF6R17, MF6R08, MF6R13

Test Name: EXES-477
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Cyanide	MF6R05, MF6R11, MF6R12, MF6R09, MF6R16, MF6R14, MF6R07, MF6R10, MF6R15, MF6R06, MF6R17, MF6R08, MF6R13

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InterferenceCheckSample

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

LaboratoryControlSample

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

MatrixSpikes

Method - Metals by ICP-MS

Test Name: EXES-1355
Defect Message: The following samples are associated with Matrix Spike sample that has spike analyte %R within 30 - 74% and Post-digestion spike analyte %R greater than or equal to 75%. Detects are qualified as J. Nondetects are qualified as UJ.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Antimony	MF6R05A

Test Name: EXES-592
Defect Message: The following samples are associated with Matrix Spike sample that has spike analyte %R within 30 - 74% and Post-digestion spike analyte %R greater than or equal to 75%. Detects are qualified as J. Nondetects are qualified as UJ.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Manganese	MF6R05A
Zinc	MF6R05A

Test Name: EXES-594
Defect Message: The following samples are associated with Matrix Spike sample that has spike analyte %R greater than 125% and Post-digestion spike analyte %R less than or euqal to 125%. Detects are qualified as J. Nondetects are not qualified.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Selenium	MF6R05A

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

SerialDilution

Method - Metals by ICP-MS

Test Name: EXES-1334
Defect Message: The following samples are associated to the Serial Dilution sample with analyte absolute value %D >10% and the original sample result is > 50xMDL. Detects are qualified as estimated J. Non-detects are qualified estimated UJ.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Zinc	MF6R05L

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InternalStandard

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

DetectionLimit

Method - Metals by ICP-AES

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R05, MF6R05L, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R16, MF6R17

Calcium	MF6R16, MF6R08, MF6R09, MF6R13, MF6R05L
Magnesium	MF6R08, MF6R05L
Potassium	MF6R05L
Sodium	MF6R14, MF6R16, MF6R10, MF6R07, MF6R05D, MF6R11, MF6R09, MF6R06, MF6R17, MF6R05, MF6R13, MF6R12, MF6R08

Method - Metals by ICP-MS

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R05, MF6R05L, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17, PBS01

Antimony	MF6R15
Arsenic	MF6R05L
Barium	PBS01
Beryllium	MF6R16, MF6R10, MF6R05D, MF6R07, MF6R14, MF6R17, MF6R09, MF6R05, MF6R12, MF6R08, MF6R13, MF6R06, MF6R11, MF6R05L
Cadmium	MF6R06, MF6R05D, MF6R05, MF6R05L, MF6R09
Manganese	PBS01
Selenium	MF6R06, MF6R10, MF6R05D, MF6R14, MF6R09, MF6R11, MF6R08, MF6R05L, MF6R07, MF6R16, MF6R17, MF6R05, MF6R15
Silver	MF6R11, MF6R10, MF6R16, MF6R17, MF6R05, MF6R05D, MF6R13, MF6R06, MF6R14, MF6R05L, MF6R12, MF6R15, MF6R09
Thallium	MF6R17, MF6R05D, MF6R05, MF6R12, MF6R14, MF6R05L, MF6R11, MF6R07, MF6R06, MF6R16, MF6R09, MF6R10, MF6R15
Vanadium	MF6R05L

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Method - Mercury by Cold Vapor

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R05, MF6R14, MF6R17

Mercury	MF6R05, MF6R17, MF6R14, MF6R05D

Method - Cyanide

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17, PBS01

Cyanide	MF6R05D, MF6R07, MF6R05, MF6R11, MF6R12, MF6R09, MF6R16, MF6R14, MF6R13, MF6R15, MF6R10, MF6R06, MF6R17, MF6R08, PBS01

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Duplicates

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

SampleAnalysis

NONE FOUND

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

January 12, 2016

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

Raymond Flores

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Katrina Coltrain, Remedial Project Manager (6SF-RL)

Site: **WILCOX OIL**

Case#: **45671**

SDG#: **MF6R18**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: January 11, 2016

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Linda Hoffman, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-13-026
TO No.:	002
Task/Sub-Task:	2-12
ESAT Doc. No.:	1602-212-0009
TDF No.:	6-16-114A
ESAT File No.:	I-0678

Attached is the data review summary for Case # 45671
SDG # MF6R18
Site Wilcox Oil

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	45671	SITE	Wilcox Oil
LABORATORY	BON	NO. OF SAMPLES	10
CONTRACT#	EP-W-14-029	MATRIX	Soil
SDG#	MF6R18	REVIEWER (IF NOT ESB)	ESAT
SOW#	ISM02.3/MA 2542.1	REVIEWER'S NAME	Linda Hoffman
SF#	303DD2GG	COMPLETION DATE	January 11, 2016

SAMPLE NO.					
	MF6R18	MF6R23	MF6R27		
	MF6R20	MF6R24	MF6R28		
	MF6R21	MF6R25			
	MF6R22	MF6R26			

DATA ASSESSMENT SUMMARY

	ICP-AES	ICP-MS	HG	CN
1. HOLDING TIMES	O	O	O	O
2. CALIBRATIONS	O	O	O	O
3. BLANKS	O	O	O	O
4. MATRIX SPIKES	O	O	O	O
5. DUPLICATE ANALYSIS	O	M	O	O
6. ICP QC	O	O	N/A	N/A
7. LCS	O	O	N/A	N/A
8. SAMPLE VERIFICATION	O	O	O	O
9. OTHER QC	N/A	N/A	N/A	N/A
10. OVERALL ASSESSMENT	O	M	O	O

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS: The laboratory analyzed the thallium LCS at 10X the MA 2542.1 CRQL instead of 2X.

AREAS OF CONCERN: ICP-MS The laboratory duplicate difference for lead exceeded the expanded QC limit for soils.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 45671 **SDG** MF6R18 **SITE** Wilcox Oil **LAB** BON

COMMENTS: This SDG consisted of ten soil samples for total metals (by ICP-AES and ICP-MS), mercury, and cyanide analyses following SOW ISM02.3. The samples were also subject to Modified Analysis Request 2542.1 (MA 2542.1), which requested a lower CRQL for thallium. The sampler designated sample MF6R25 for QC analyses.

The SOW requires that the soil sample results be adjusted for moisture content, which raised the adjusted QLs above the CRQLs specified in the SOW and MA 2542.1. The adjusted CRQLs were reported by the laboratory and are referred to as SQLs in this report.

The target analytes of concern with the MA 2542.1 CRQLs in parentheses are antimony (1.0 mg/kg), arsenic (0.5 mg/kg), cadmium (0.5 mg/kg), chromium (1.0 mg/kg), cobalt (0.5 mg/kg), selenium (2.5 mg/kg), and thallium (0.25 mg/kg). The analytes of concern reported at concentrations above the MA 2542.1 CRQLs were arsenic, chromium, and cobalt in all samples. The laboratory reanalyzed samples MF6R21 and MF6R22 at the required 2X dilution because the %RIs for IS Sc-45 were above the QC limit in the undiluted analyses of these two samples. The dilutions had acceptable %RIs for IS Sc-45, so the laboratory reported the results associated with IS Sc-45 from the diluted analyses. The laboratory also diluted (up to 15X) and reanalyzed samples MF6R22, MF6R24, and MF6R28 because of high copper or lead concentrations.

S3VEM Review was performed for this package as requested by the Region. For this review option, laboratory contractual compliance and technical usability of the sample results are primarily determined by the EDM CCS Defect Report and NFG Data Review Results Report, respectively. The reviewer performs supplemental hardcopy forms checking and applies Region 6 guidelines, where necessary, to account for known limitations of the electronic review process. Therefore, the reviewer's final assessments may deviate from those found in the EDM reports. The NFG Data Review Results Report for the SDG is attached to this report as an addendum for additional information.

OVERALL ASSESSMENT: The lead results for all samples were qualified because of a problem with inconsistent laboratory duplicate results. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

The laboratory was contacted for some CSF and reporting issues (see Resubmission Request). The laboratory resubmission will not impact the DST, so the DST included is the final version.

INORGANIC ACRONYMS

CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
EDM	EXES Data Manager
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IS	Internal Standard
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location

Disclaimer: **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

L Reported concentration is between the MDL and the CRQL.

J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

R Result is unusable.

F A possibility of a false negative exists.

UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOD	STATLOC
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-38-2	Arsenic	2.3		mg/kg	0.58	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-39-3	Barium	27.8		mg/kg	5.8	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-47-3	Chromium	8.2		mg/kg	1.2	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-48-4	Cobalt	2.2		mg/kg	0.58	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-50-8	Copper	5.0		mg/kg	1.2	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7439-92-1	Lead	3.8	J	mg/kg	0.58	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7439-96-5	Manganese	110		mg/kg	0.58	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-02-0	Nickel	5.1		mg/kg	0.58	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/23/2015	11:27:26	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-62-2	Vanadium	13.7		mg/kg	2.9	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	13:43:54	7440-66-6	Zinc	6.2		mg/kg	1.2	12/09/2015	12/16/2015	12/12/2015		86.9	1	500	MS	P-03-SAND
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-36-0	Antimony	1.1	U	mg/kg	1.1	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-38-2	Arsenic	5.4		mg/kg	0.57	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-39-3	Barium	40.5		mg/kg	5.7	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-41-7	Beryllium	0.57	U	mg/kg	0.57	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-43-9	Cadmium	0.57	U	mg/kg	0.57	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-47-3	Chromium	12.8		mg/kg	1.1	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-48-4	Cobalt	8.0		mg/kg	0.57	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-50-8	Copper	13.1		mg/kg	1.1	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7439-92-1	Lead	56.2	J	mg/kg	0.57	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7439-96-5	Manganese	109		mg/kg	0.57	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-02-0	Nickel	18.5		mg/kg	0.57	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/23/2015	11:30:15	7440-22-4	Silver	0.57	U	mg/kg	0.57	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-62-2	Vanadium	28.7		mg/kg	2.9	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	13:47:56	7440-66-6	Zinc	7.1		mg/kg	1.1	12/10/2015	12/16/2015	12/12/2015		87.3	1	500	MS	WIL-AA-10
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	13:54:39	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	13:54:39	7440-38-2	Arsenic	3.5		mg/kg	0.61	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	13:54:39	7440-39-3	Barium	72.5		mg/kg	6.1	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/23/2015	13:44:15	7440-41-7	Beryllium	1.2	U	mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/23/2015	13:44:15	7440-43-9	Cadmium	1.2	U	mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	13:54:39	7440-47-3	Chromium	20.4		mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/23/2015	13:44:15	7440-48-4	Cobalt	6.6		mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/23/2015	13:44:15	7440-50-8	Copper	12.5		mg/kg	2.4	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	13:54:39	7439-92-1	Lead	30.2	J	mg/kg	0.61	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	13:54:39	7439-96-5	Manganese	158		mg/kg	0.61	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/23/2015	13:44:15	7440-02-0	Nickel	16.7		mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	13:54:39	7782-49-2	Selenium	3.0	U	mg/kg	3.0	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/23/2015	13:44:15	7440-22-4	Silver	1.2	U	mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	13:54:39	7440-28-0	Thallium	0.30	U	mg/kg	0.30	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	13:54:39	7440-62-2	Vanadium	24.3		mg/kg	3.0	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/23/2015	13:44:15	7440-66-6	Zinc	28.2		mg/kg	2.4	12/10/2015	12/16/2015	12/12/2015		82.5	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	13:58:41	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	13:58:41	7440-38-2	Arsenic	2.1		mg/kg	0.59	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	13:58:41	7440-39-3	Barium	90.7		mg/kg	5.9	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/23/2015	13:48:15	7440-41-7	Beryllium	1.2	U	mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/23/2015	13:48:15	7440-43-9	Cadmium	1.2	U	mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	13:58:41	7440-47-3	Chromium	15.1		mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/23/2015	13:48:15	7440-48-4	Cobalt	3.9		mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/23/2015	13:48:15	7440-50-8	Copper	12.4		mg/kg	2.4	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/23/2015	13:52:15	7439-92-1	Lead	7080	J	mg/kg	8.8	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	13:58:41	7439-96-5	Manganese	123		mg/kg	0.59	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/23/2015	13:48:15	7440-02-0	Nickel	11.2		mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	13:58:41	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/23/2015	13:48:15	7440-22-4	Silver	1.2	U	mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	13:58:41	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	13:58:41	7440-62-2	Vanadium	20.9		mg/kg	2.9	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/23/2015	13:48:15	7440-66-6	Zinc	16.0		mg/kg	2.4	12/10/2015	12/16/2015	12/12/2015		84.8	1	500	MS	WIL-AA-11

45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-38-2	Arsenic	1.4		mg/kg	0.60	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-39-3	Barium	29.0		mg/kg	6.0	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-41-7	Beryllium	0.60	U	mg/kg	0.60	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-43-9	Cadmium	0.60	U	mg/kg	0.60	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-47-3	Chromium	5.8		mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-48-4	Cobalt	1.5		mg/kg	0.60	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-50-8	Copper	3.9		mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7439-92-1	Lead	22.4	J	mg/kg	0.60	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7439-96-5	Manganese	10.5		mg/kg	0.60	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-02-0	Nickel	2.1		mg/kg	0.60	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7782-49-2	Selenium	3.0	U	mg/kg	3.0	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/23/2015	11:39:43	7440-22-4	Silver	0.60	U	mg/kg	0.60	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-28-0	Thallium	0.30	U	mg/kg	0.30	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-62-2	Vanadium	6.0		mg/kg	3.0	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	14:02:45	7440-66-6	Zinc	3.9		mg/kg	1.2	12/10/2015	12/16/2015	12/12/2015	83.8	1	500	MS	WIL-41
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-36-0	Antimony	1.3	U	mg/kg	1.3	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-38-2	Arsenic	1.5		mg/kg	0.65	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-39-3	Barium	85.3		mg/kg	6.5	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-41-7	Beryllium	0.65	U	mg/kg	0.65	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-43-9	Cadmium	0.65	U	mg/kg	0.65	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-47-3	Chromium	7.9		mg/kg	1.3	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-48-4	Cobalt	6.1		mg/kg	0.65	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-50-8	Copper	9.2		mg/kg	1.3	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/23/2015	13:56:15	7439-92-1	Lead	6780	J	mg/kg	9.8	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7439-96-5	Manganese	361		mg/kg	0.65	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-02-0	Nickel	6.4		mg/kg	0.65	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7782-49-2	Selenium	3.3	U	mg/kg	3.3	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/23/2015	11:42:51	7440-22-4	Silver	0.65	U	mg/kg	0.65	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-28-0	Thallium	0.33	U	mg/kg	0.33	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-62-2	Vanadium	15.3		mg/kg	3.3	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	14:06:48	7440-66-6	Zinc	13.2		mg/kg	1.3	12/11/2015	12/16/2015	12/12/2015	76.4	1	500	MS	TF-34-01
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-38-2	Arsenic	2.5		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-39-3	Barium	32.7		mg/kg	5.9	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-41-7	Beryllium	0.59	U	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-43-9	Cadmium	0.59	U	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-47-3	Chromium	7.7		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-48-4	Cobalt	3.4		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-50-8	Copper	5.7		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7439-92-1	Lead	11.0	J	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7439-96-5	Manganese	133		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-02-0	Nickel	3.2		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/23/2015	11:45:59	7440-22-4	Silver	0.59	U	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-62-2	Vanadium	15.4		mg/kg	2.9	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	14:10:54	7440-66-6	Zinc	4.7		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.3	1	500	MS	LOR-18
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-38-2	Arsenic	2.9		mg/kg	0.58	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-39-3	Barium	35.6		mg/kg	5.8	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-41-7	Beryllium	0.58	U	mg/kg	0.58	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-43-9	Cadmium	0.58	U	mg/kg	0.58	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-47-3	Chromium	8.1		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-48-4	Cobalt	3.0		mg/kg	0.58	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-50-8	Copper	5.0		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7439-92-1	Lead	5.2	J	mg/kg	0.58	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7439-96-5	Manganese	90.5		mg/kg	0.58	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-02-0	Nickel	3.3		mg/kg	0.58	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/23/2015	11:58:34	7440-22-4	Silver	0.58	U	mg/kg	0.58	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-62-2	Vanadium	14.4		mg/kg	2.9	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	14:27:09	7440-66-6	Zinc	5.6		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	86.6	1	500	MS	FD-03
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A

45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-38-2	Arsenic	1.3		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-39-3	Barium	11.5		mg/kg	5.9	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-41-7	Beryllium	0.59	U	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-43-9	Cadmium	0.59	U	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-47-3	Chromium	3.0		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-48-4	Cobalt	1.9		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-50-8	Copper	4.0		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7439-92-1	Lead	1.4	J	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7439-96-5	Manganese	8.6		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-02-0	Nickel	2.4		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/23/2015	12:01:44	7440-22-4	Silver	0.59	U	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-62-2	Vanadium	5.3		mg/kg	2.9	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	14:31:10	7440-66-6	Zinc	4.1		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.2	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-36-0	Antimony	1.2	U	mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-38-2	Arsenic	2.5		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-39-3	Barium	36.1		mg/kg	5.9	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-41-7	Beryllium	0.59	U	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-43-9	Cadmium	0.59	U	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-47-3	Chromium	9.9		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-48-4	Cobalt	2.9		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/23/2015	14:00:16	7440-50-8	Copper	1400		mg/kg	3.5	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7439-92-1	Lead	4.7	J	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7439-96-5	Manganese	76.8		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-02-0	Nickel	6.7		mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7782-49-2	Selenium	2.9	U	mg/kg	2.9	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/23/2015	12:04:53	7440-22-4	Silver	0.59	U	mg/kg	0.59	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-28-0	Thallium	0.29	U	mg/kg	0.29	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-62-2	Vanadium	17.2		mg/kg	2.9	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	14:35:13	7440-66-6	Zinc	131		mg/kg	1.2	12/11/2015	12/16/2015	12/12/2015	85.1	1	500	MS	LOR-25A
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	15:33:19	7429-90-5	Aluminum	10400		mg/kg	23.0	12/09/2015	12/16/2015	12/12/2015	86.9	1	100	P	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	15:33:19	7440-70-2	Calcium	1030		mg/kg	575	12/09/2015	12/16/2015	12/12/2015	86.9	1	100	P	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	15:33:19	7439-89-6	Iron	10600		mg/kg	11.5	12/09/2015	12/16/2015	12/12/2015	86.9	1	100	P	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	15:33:19	7439-95-4	Magnesium	1080		mg/kg	575	12/09/2015	12/16/2015	12/12/2015	86.9	1	100	P	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	15:33:19	7440-09-7	Potassium	930		mg/kg	575	12/09/2015	12/16/2015	12/12/2015	86.9	1	100	P	P-03-SAND
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/22/2015	15:33:19	7440-23-5	Sodium	1050		mg/kg	575	12/09/2015	12/16/2015	12/12/2015	86.9	1	100	P	P-03-SAND
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	15:37:48	7429-90-5	Aluminum	9330		mg/kg	22.9	12/10/2015	12/16/2015	12/12/2015	87.3	1	100	P	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	15:37:48	7440-70-2	Calcium	911		mg/kg	573	12/10/2015	12/16/2015	12/12/2015	87.3	1	100	P	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	15:37:48	7439-89-6	Iron	20300		mg/kg	11.5	12/10/2015	12/16/2015	12/12/2015	87.3	1	100	P	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	15:37:48	7439-95-4	Magnesium	1740		mg/kg	573	12/10/2015	12/16/2015	12/12/2015	87.3	1	100	P	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	15:37:48	7440-09-7	Potassium	2390		mg/kg	573	12/10/2015	12/16/2015	12/12/2015	87.3	1	100	P	WIL-AA-10
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/22/2015	15:37:48	7440-23-5	Sodium	4900		mg/kg	573	12/10/2015	12/16/2015	12/12/2015	87.3	1	100	P	WIL-AA-10
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	15:42:09	7429-90-5	Aluminum	23300		mg/kg	24.2	12/10/2015	12/16/2015	12/12/2015	82.5	1	100	P	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	15:42:09	7440-70-2	Calcium	1480		mg/kg	606	12/10/2015	12/16/2015	12/12/2015	82.5	1	100	P	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	15:42:09	7439-89-6	Iron	23800		mg/kg	12.1	12/10/2015	12/16/2015	12/12/2015	82.5	1	100	P	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	15:42:09	7439-95-4	Magnesium	2730		mg/kg	606	12/10/2015	12/16/2015	12/12/2015	82.5	1	100	P	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	15:42:09	7440-09-7	Potassium	2910		mg/kg	606	12/10/2015	12/16/2015	12/12/2015	82.5	1	100	P	WIL-AA-11
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/22/2015	15:42:09	7440-23-5	Sodium	8690		mg/kg	606	12/10/2015	12/16/2015	12/12/2015	82.5	1	100	P	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	15:46:31	7429-90-5	Aluminum	17400		mg/kg	23.6	12/10/2015	12/16/2015	12/12/2015	84.8	1	100	P	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	15:46:31	7440-70-2	Calcium	1550		mg/kg	590	12/10/2015	12/16/2015	12/12/2015	84.8	1	100	P	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	15:46:31	7439-89-6	Iron	23500		mg/kg	11.8	12/10/2015	12/16/2015	12/12/2015	84.8	1	100	P	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	15:46:31	7439-95-4	Magnesium	1630		mg/kg	590	12/10/2015	12/16/2015	12/12/2015	84.8	1	100	P	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	15:46:31	7440-09-7	Potassium	1720		mg/kg	590	12/10/2015	12/16/2015	12/12/2015	84.8	1	100	P	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/22/2015	15:46:31	7440-23-5	Sodium	7800		mg/kg	590	12/10/2015	12/16/2015	12/12/2015	84.8	1	100	P	WIL-AA-11
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	15:50:53	7429-90-5	Aluminum	3870		mg/kg	23.9	12/10/2015	12/16/2015	12/12/2015	83.8	1	100	P	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	15:50:53	7440-70-2	Calcium	597	U	mg/kg	597	12/10/2015	12/16/2015	12/12/2015	83.8	1	100	P	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	15:50:53	7439-89-6	Iron	4360		mg/kg	11.9	12/10/2015	12/16/2015	12/12/2015	83.8	1	100	P	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	15:50:53	7439-95-4	Magnesium	597	U	mg/kg	597	12/10/2015	12/16/2015	12/12/2015	83.8	1	100	P	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	15:50:53	7440-09-7	Potassium	622		mg/kg	597	12/10/2015	12/16/2015	12/12/2015	83.8	1	100	P	WIL-41
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/22/2015	15:50:53	7440-23-5	Sodium	597	U	mg/kg	597	12/10/2015	12/16/2015	12/12/2015	83.8	1	100	P	WIL-41
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	15:55:23	7429-90-5	Aluminum	7740		mg/kg	26.2	12/11/2015	12/16/2015	12/12/2015	76.4	1	100	P	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	15:55:23	7440-70-2	Calcium	1970		mg/kg	654	12/11/2015	12/16/2015	12/12/2015	76.4	1	100	P	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	15:55:23	7439-89-6	Iron	9450		mg/kg	13.1	12/11/2015	12/16/2015	12/12/2015	76.4	1	100	P	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	15:55:23	7439-95-4	Magnesium	753		mg/kg	654	12/11/2015	12/16/2015	12/12/2015	76.4	1	100	P	TF-34-01

45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	15:55:23	7440-09-7	Potassium	1260		mg/kg	654	12/11/2015	12/16/2015	12/12/2015	76.4	1	100	P	TF-34-01
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/22/2015	15:55:23	7440-23-5	Sodium	1820		mg/kg	654	12/11/2015	12/16/2015	12/12/2015	76.4	1	100	P	TF-34-01
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	15:59:48	7429-90-5	Aluminum	8990		mg/kg	23.4	12/11/2015	12/16/2015	12/12/2015	85.3	1	100	P	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	15:59:48	7440-70-2	Calcium	586	U	mg/kg	586	12/11/2015	12/16/2015	12/12/2015	85.3	1	100	P	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	15:59:48	7439-89-6	Iron	9500		mg/kg	11.7	12/11/2015	12/16/2015	12/12/2015	85.3	1	100	P	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	15:59:48	7439-95-4	Magnesium	586	U	mg/kg	586	12/11/2015	12/16/2015	12/12/2015	85.3	1	100	P	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	15:59:48	7440-09-7	Potassium	922		mg/kg	586	12/11/2015	12/16/2015	12/12/2015	85.3	1	100	P	LOR-18
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/22/2015	15:59:48	7440-23-5	Sodium	586	U	mg/kg	586	12/11/2015	12/16/2015	12/12/2015	85.3	1	100	P	LOR-18
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	16:13:11	7429-90-5	Aluminum	10100		mg/kg	23.1	12/11/2015	12/16/2015	12/12/2015	86.6	1	100	P	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	16:13:11	7440-70-2	Calcium	577	U	mg/kg	577	12/11/2015	12/16/2015	12/12/2015	86.6	1	100	P	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	16:13:11	7439-89-6	Iron	9450		mg/kg	11.5	12/11/2015	12/16/2015	12/12/2015	86.6	1	100	P	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	16:13:11	7439-95-4	Magnesium	660		mg/kg	577	12/11/2015	12/16/2015	12/12/2015	86.6	1	100	P	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	16:13:11	7440-09-7	Potassium	949		mg/kg	577	12/11/2015	12/16/2015	12/12/2015	86.6	1	100	P	FD-03
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/22/2015	16:13:11	7440-23-5	Sodium	577	U	mg/kg	577	12/11/2015	12/16/2015	12/12/2015	86.6	1	100	P	FD-03
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	16:17:38	7429-90-5	Aluminum	5330		mg/kg	23.5	12/11/2015	12/16/2015	12/12/2015	85.2	1	100	P	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	16:17:38	7440-70-2	Calcium	587	U	mg/kg	587	12/11/2015	12/16/2015	12/12/2015	85.2	1	100	P	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	16:17:38	7439-89-6	Iron	4220		mg/kg	11.7	12/11/2015	12/16/2015	12/12/2015	85.2	1	100	P	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	16:17:38	7439-95-4	Magnesium	587	U	mg/kg	587	12/11/2015	12/16/2015	12/12/2015	85.2	1	100	P	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	16:17:38	7440-09-7	Potassium	596		mg/kg	587	12/11/2015	12/16/2015	12/12/2015	85.2	1	100	P	LOR-25A
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/22/2015	16:17:38	7440-23-5	Sodium	587	U	mg/kg	587	12/11/2015	12/16/2015	12/12/2015	85.2	1	100	P	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	16:22:06	7429-90-5	Aluminum	12700		mg/kg	23.5	12/11/2015	12/16/2015	12/12/2015	85.1	1	100	P	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	16:22:06	7440-70-2	Calcium	1980		mg/kg	588	12/11/2015	12/16/2015	12/12/2015	85.1	1	100	P	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	16:22:06	7439-89-6	Iron	9800		mg/kg	11.8	12/11/2015	12/16/2015	12/12/2015	85.1	1	100	P	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	16:22:06	7439-95-4	Magnesium	946		mg/kg	588	12/11/2015	12/16/2015	12/12/2015	85.1	1	100	P	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	16:22:06	7440-09-7	Potassium	1610		mg/kg	588	12/11/2015	12/16/2015	12/12/2015	85.1	1	100	P	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/22/2015	16:22:06	7440-23-5	Sodium	588	U	mg/kg	588	12/11/2015	12/16/2015	12/12/2015	85.1	1	100	P	LOR-25A
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/15/2015	14:44:37	7439-97-6	Mercury	0.0075	LJ	mg/kg	0.12	12/09/2015	12/15/2015	12/12/2015	86.9	0.5	100	CV	P-03-SAND
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/15/2015	14:47:09	7439-97-6	Mercury	0.012	LJ	mg/kg	0.11	12/10/2015	12/15/2015	12/12/2015	87.3	0.5	100	CV	WIL-AA-10
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/15/2015	14:49:41	7439-97-6	Mercury	0.023	LJ	mg/kg	0.12	12/10/2015	12/15/2015	12/12/2015	82.5	0.5	100	CV	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/15/2015	14:52:13	7439-97-6	Mercury	0.028	LJ	mg/kg	0.12	12/10/2015	12/15/2015	12/12/2015	84.8	0.5	100	CV	WIL-AA-11
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/15/2015	14:54:44	7439-97-6	Mercury	0.0082	LJ	mg/kg	0.12	12/10/2015	12/15/2015	12/12/2015	83.8	0.5	100	CV	WIL-41
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/15/2015	14:57:15	7439-97-6	Mercury	0.017	LJ	mg/kg	0.13	12/11/2015	12/15/2015	12/12/2015	76.4	0.5	100	CV	TF-34-01
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/15/2015	14:59:46	7439-97-6	Mercury	0.0076	LJ	mg/kg	0.12	12/11/2015	12/15/2015	12/12/2015	85.3	0.5	100	CV	LOR-18
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/15/2015	15:02:18	7439-97-6	Mercury	0.0082	LJ	mg/kg	0.12	12/11/2015	12/15/2015	12/12/2015	86.6	0.5	100	CV	FD-03
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/15/2015	15:04:50	7439-97-6	Mercury	0.0051	LJ	mg/kg	0.12	12/11/2015	12/15/2015	12/12/2015	85.2	0.5	100	CV	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/15/2015	15:07:22	7439-97-6	Mercury	0.011	LJ	mg/kg	0.12	12/11/2015	12/15/2015	12/12/2015	85.1	0.5	100	CV	LOR-25A
45671	MF6R18	MF6R18	5120172-01	S	Field_Sample	12/15/2015	15:52:51	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/09/2015	12/15/2015	12/12/2015	86.9	1	50	AS	P-03-SAND
45671	MF6R18	MF6R20	5120172-02	S	Field_Sample	12/15/2015	15:53:41	57-12-5	Cyanide	0.57	U	mg/kg	0.57	12/10/2015	12/15/2015	12/12/2015	87.3	1	50	AS	WIL-AA-10
45671	MF6R18	MF6R21	5120172-03	S	Field_Sample	12/15/2015	15:54:31	57-12-5	Cyanide	0.61	U	mg/kg	0.61	12/10/2015	12/15/2015	12/12/2015	82.5	1	50	AS	WIL-AA-11
45671	MF6R18	MF6R22	5120172-04	S	Field_Sample	12/15/2015	15:55:21	57-12-5	Cyanide	0.59	U	mg/kg	0.59	12/10/2015	12/15/2015	12/12/2015	84.8	1	50	AS	WIL-AA-11
45671	MF6R18	MF6R23	5120172-05	S	Field_Sample	12/15/2015	15:56:11	57-12-5	Cyanide	0.60	U	mg/kg	0.60	12/10/2015	12/15/2015	12/12/2015	83.8	1	50	AS	WIL-41
45671	MF6R18	MF6R24	5120172-06	S	Field_Sample	12/15/2015	15:57:01	57-12-5	Cyanide	0.65	U	mg/kg	0.65	12/11/2015	12/15/2015	12/12/2015	76.4	1	50	AS	TF-34-01
45671	MF6R18	MF6R25	5120172-07	S	Field_Sample	12/15/2015	15:57:51	57-12-5	Cyanide	0.59	U	mg/kg	0.59	12/11/2015	12/15/2015	12/12/2015	85.3	1	50	AS	LOR-18
45671	MF6R18	MF6R26	5120172-08	S	Field_Sample	12/15/2015	16:00:21	57-12-5	Cyanide	0.58	U	mg/kg	0.58	12/11/2015	12/15/2015	12/12/2015	86.6	1	50	AS	FD-03
45671	MF6R18	MF6R27	5120172-09	S	Field_Sample	12/15/2015	16:01:11	57-12-5	Cyanide	0.59	U	mg/kg	0.59	12/11/2015	12/15/2015	12/12/2015	85.2	1	50	AS	LOR-25A
45671	MF6R18	MF6R28	5120172-10	S	Field_Sample	12/15/2015	16:02:01	57-12-5	Cyanide	0.59	U	mg/kg	0.59	12/11/2015	12/15/2015	12/12/2015	85.1	1	50	AS	LOR-25A

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 45671 SDG No. MF6R18 SDG Nos. To Follow Mod. Ref No. 2542.1 Date Rec. 12/30/15

EPA Lab ID: BON

Lab Location: Hattiesburg, MS

Region: 6 Audit No.: 45671/MF6R18

Re_Submitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

14./15. Sample tags were not required for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT /CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?	X		
18a. If "NO", does the copy indicate where original documents are located?			X

Audited by: L. Hoffman / ESAT Data Reviewer Date 12/31/15

Audited by: ____ Date ____

Signature Printed Name/Title

DC-2__

In Reference To: (I-0678)
Case No.: 45671 SDG(s): MF6R18

Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Resubmission Request

Laboratory Name:	BON
Lab Contact:	Chris Bonner
Region:	6
Regional Contact:	Raymond Flores - EPA
ESAT Reviewer:	Linda Hoffman - ESAT

In reference to data for the following fractions:

CSF Issue ICP-MS

Summary of Questions/Issues:

CSF Issue

On Form DC-2-1 (p. 6), corrections were made to Items 12 and 14, but these corrections were not initialed and dated. Please add the contract-required information (ISM02.3, p. E-17, sec. 5.6.7) and resubmit this page with proper pagination.

ICP-MS

1. The non-blank standard at or below the MA 2542.1 CRQL for thallium was not reported on Form 15 as required by Section II of MA 2542.1. Please make the necessary corrections and resubmissions with the pages properly paginated.

2. The Form 14s associated with the diluted analyses on the Form 12 on page 138 were not included in the data package. Please resubmit these contract-required forms with the pages properly paginated.

NOTE: Any submitted laboratory resubmission should be clearly marked as "Additional Data" with a cover letter included describing what data is being delivered, which Case the data pertains, and who requested the data (ISM02.3, p. B-9, sec. 2.2.1). Custody seals are required only for regular mail shipments.

Please respond to the above item **within 5 business days (ISM02.3, p. B-9, sec. 2.2.1)** by e-mail to Flores.Raymond@epa.gov. If you have any questions, please contact Mr. Flores at 281-983-2139.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy

USEPA CLP COC (LAB COPY)

DateShipped: 12/11/2015
CarrierName: FedEx
AirbillNo: 859483220330

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: EPW14029 MF6R18

No: 6-121115-162521-0013

Lab: Bonner Analytical Testing Company - BON
Lab Contact: Chris Bonner
Lab Phone: 601-264-2854

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0019	MF6R18	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1139 (4 C) (1)	P-03-SAND	12/09/2015 12:10	
277-0021	MF6R20	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1153 (4 C) (1)	WIL-AA-10	12/10/2015 12:50	
277-0022	MF6R21	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1160 (4 C) (1)	WIL-AA-11	12/10/2015 13:55	
277-0023	MF6R22	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1167 (4 C) (1)	WIL-AA-11	12/10/2015 13:55	
277-0024	MF6R23	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1174 (4 C) (1)	WIL-41	12/10/2015 10:50	
277-0025	MF6R24	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1181 (4 C) (1)	TF-34-01	12/11/2015 10:05	
277-0026	MF6R25 QC	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1188 (4 C) (1)	LOR-18	12/11/2015 11:20	
277-0027	MF6R26	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1195 (4 C) (1)	FD-03	12/11/2015 11:55	
277-0028	MF6R27	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1202 (4 C) (1)	LOR-25A	12/11/2015 13:55	
277-0029	MF6R28	Soil/ SERAS	Discrete Interval	TMs+Hg+Cn(21)	1209 (4 C) (1)	LOR-25A	12/11/2015 14:45	

Sample(s) to be used for Lab QC: 277-0026 Tag 1188 - Special Instructions: ICP-AES for Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium.

ICP-MS for Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TMs+Hg+Cn=TotalMetals ICP-AES +Hg+Cn by ISM02.3, ICP-MS by ISM02.3/MA#2542.1

6 QC

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	[signature] LMSERAS	12/11/15 15:45	[signature] Bonner	12-12-15 1033	good

Page 13 of 13

3

ADDENDUM

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

HoldingTimes_Preservation

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

TUNE

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InitialCalibration

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

ContinuingCalibrationVerification

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Blanks

Method - Metals by ICP-AES

Test Name: EXES-1342
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R23, MF6R25, MF6R26, MF6R27, MF6R28

Calcium	MF6R26, MF6R23, MF6R27, MF6R25
Magnesium	MF6R25, MF6R23, MF6R27
Sodium	MF6R23, MF6R27, MF6R26, MF6R25, MF6R28

Test Name: EXES-478
Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Aluminum	MF6R24, MF6R26, MF6R18, MF6R25, MF6R28, MF6R23, MF6R22, MF6R21, MF6R20, MF6R27
Calcium	MF6R20, MF6R21, MF6R28, MF6R22, MF6R24, MF6R18
Iron	MF6R24, MF6R20, MF6R23, MF6R26, MF6R27, MF6R21, MF6R22, MF6R25, MF6R18, MF6R28
Magnesium	MF6R20, MF6R18, MF6R21, MF6R28, MF6R24, MF6R22, MF6R26
Potassium	MF6R20, MF6R26, MF6R28, MF6R18, MF6R23, MF6R27, MF6R21, MF6R22, MF6R24, MF6R25
Sodium	MF6R22, MF6R20, MF6R24, MF6R21, MF6R18

Test Name: EXES-479
Defect Message: The following samples have analyte results greater than CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Aluminum	MF6R24, MF6R26, MF6R18, MF6R25, MF6R28, MF6R23, MF6R21, MF6R22, MF6R20, MF6R27
Calcium	MF6R21, MF6R22, MF6R20, MF6R28, MF6R24, MF6R18
Iron	MF6R20, MF6R24, MF6R23, MF6R27, MF6R26, MF6R21, MF6R22, MF6R25, MF6R18, MF6R28
Magnesium	MF6R20, MF6R18, MF6R21, MF6R28, MF6R24, MF6R22, MF6R26
Potassium	MF6R18, MF6R20, MF6R28, MF6R26, MF6R23, MF6R27, MF6R21, MF6R22, MF6R24, MF6R25
Sodium	MF6R22, MF6R20, MF6R24, MF6R21, MF6R18

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-480
Defect Message: The following samples are associated with CCB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Aluminum	MF6R25, MF6R21, MF6R18, MF6R24, MF6R28, MF6R26, MF6R23, MF6R22, MF6R27, MF6R20
Calcium	MF6R21, MF6R24, MF6R20, MF6R25, MF6R23, MF6R26, MF6R28, MF6R22, MF6R18, MF6R27
Magnesium	MF6R25, MF6R20, MF6R18, MF6R21, MF6R28, MF6R24, MF6R22, MF6R23, MF6R26, MF6R27
Potassium	MF6R26, MF6R18, MF6R23, MF6R27, MF6R21, MF6R25, MF6R28, MF6R24, MF6R22, MF6R20
Sodium	MF6R20, MF6R21, MF6R18, MF6R22, MF6R23, MF6R25, MF6R24, MF6R27, MF6R26, MF6R28

Test Name: EXES-481
Defect Message: The following samples are associated with ICB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Aluminum	MF6R25, MF6R22, MF6R24, MF6R28, MF6R26, MF6R23, MF6R21, MF6R27, MF6R20, MF6R18
Calcium	MF6R26, MF6R24, MF6R22, MF6R21, MF6R23, MF6R20, MF6R27, MF6R28, MF6R18, MF6R25
Magnesium	MF6R20, MF6R18, MF6R21, MF6R28, MF6R24, MF6R22, MF6R23, MF6R26, MF6R27, MF6R25
Potassium	MF6R18, MF6R20, MF6R22, MF6R26, MF6R23, MF6R27, MF6R21, MF6R25, MF6R28, MF6R24
Sodium	MF6R26, MF6R27, MF6R18, MF6R20, MF6R25, MF6R23, MF6R22, MF6R28, MF6R21, MF6R24

Test Name: EXES-508
Defect Message: The following samples have analyte results greater than CRQLs. The associated PB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Aluminum	MF6R26, MF6R27, MF6R22, MF6R21, MF6R28, MF6R24, MF6R18, MF6R23, MF6R25, MF6R20
Magnesium	MF6R22, MF6R18, MF6R26, MF6R24, MF6R28, MF6R21, MF6R20
Potassium	MF6R23, MF6R27, MF6R21, MF6R25, MF6R22, MF6R20, MF6R18, MF6R26, MF6R28, MF6R24

Test Name: EXES-549
Defect Message: The following samples are associated with PB that has analyte results less than or equal to (-MDL) but greater than or equal to (-CRQL). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Aluminum	MF6R27, MF6R22, MF6R21, MF6R23, MF6R18, MF6R28, MF6R25, MF6R20, MF6R26, MF6R24
Magnesium	MF6R18, MF6R21, MF6R28, MF6R24, MF6R26, MF6R23, MF6R22, MF6R27, MF6R25, MF6R20

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-549
Defect Message: The following samples are associated with PB that has analyte results less than or equal to (-MDL) but greater than or equal to (-CRQL). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Potassium	MF6R20, MF6R18, MF6R22, MF6R23, MF6R28, MF6R25, MF6R27, MF6R21, MF6R26, MF6R24

Method - Metals by ICP-MS

Test Name: EXES-1342
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Beryllium	MF6R21, MF6R22
Silver	MF6R20, MF6R18, MF6R26, MF6R28, MF6R22, MF6R24, MF6R23, MF6R21, MF6R27, MF6R25

Test Name: EXES-476
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Silver	MF6R27, MF6R21, MF6R20, MF6R18, MF6R28, MF6R25, MF6R22, MF6R24, MF6R23, MF6R26

Test Name: EXES-478
Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Arsenic	MF6R28, MF6R20, MF6R21, MF6R18, MF6R23, MF6R22, MF6R26, MF6R25, MF6R27, MF6R24
Barium	MF6R22, MF6R24, MF6R28, MF6R26, MF6R23, MF6R27, MF6R20, MF6R21, MF6R25, MF6R18
Chromium	MF6R22, MF6R28, MF6R23, MF6R24, MF6R21, MF6R26, MF6R27, MF6R20, MF6R18, MF6R25
Cobalt	MF6R25, MF6R28, MF6R22, MF6R18, MF6R21, MF6R20, MF6R26, MF6R24, MF6R27, MF6R23
Copper	MF6R21, MF6R27, MF6R20, MF6R22, MF6R24, MF6R26, MF6R28, MF6R23, MF6R25, MF6R18
Lead	MF6R20, MF6R22, MF6R24, MF6R27, MF6R21, MF6R23, MF6R25, MF6R26, MF6R28, MF6R18
Manganese	MF6R24, MF6R26, MF6R27, MF6R25, MF6R21, MF6R28, MF6R18, MF6R22, MF6R23, MF6R20
Nickel	MF6R18, MF6R24, MF6R26, MF6R22, MF6R28, MF6R20, MF6R23, MF6R21, MF6R25, MF6R27
Vanadium	MF6R18, MF6R28, MF6R22, MF6R24, MF6R23, MF6R20, MF6R21, MF6R26, MF6R27, MF6R25

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-478
Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Zinc	MF6R25, MF6R20, MF6R21, MF6R28, MF6R27, MF6R24, MF6R26, MF6R18, MF6R22, MF6R23

Test Name: EXES-479
Defect Message: The following samples have analyte results greater than CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Arsenic	MF6R28, MF6R20, MF6R21, MF6R18, MF6R23, MF6R22, MF6R26, MF6R25, MF6R27, MF6R24
Barium	MF6R22, MF6R24, MF6R28, MF6R26, MF6R23, MF6R27, MF6R20, MF6R21, MF6R25, MF6R18
Chromium	MF6R22, MF6R28, MF6R23, MF6R24, MF6R21, MF6R26, MF6R27, MF6R20, MF6R18, MF6R25
Cobalt	MF6R25, MF6R28, MF6R22, MF6R18, MF6R21, MF6R20, MF6R26, MF6R24, MF6R27, MF6R23
Copper	MF6R21, MF6R27, MF6R20, MF6R22, MF6R24, MF6R26, MF6R28, MF6R23, MF6R25, MF6R18
Lead	MF6R20, MF6R22, MF6R24, MF6R27, MF6R21, MF6R23, MF6R25, MF6R26, MF6R28, MF6R18
Manganese	MF6R26, MF6R24, MF6R27, MF6R25, MF6R21, MF6R28, MF6R18, MF6R22, MF6R23, MF6R20
Nickel	MF6R24, MF6R18, MF6R26, MF6R28, MF6R22, MF6R20, MF6R23, MF6R21, MF6R25, MF6R27
Vanadium	MF6R18, MF6R28, MF6R22, MF6R24, MF6R23, MF6R20, MF6R21, MF6R26, MF6R27, MF6R25
Zinc	MF6R25, MF6R20, MF6R21, MF6R28, MF6R24, MF6R27, MF6R26, MF6R18, MF6R22, MF6R23

Test Name: EXES-483
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB has analyte results greater than CRQL. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R18, MF6R21

Thallium	MF6R21, MF6R18

Test Name: EXES-508
Defect Message: The following samples have analyte results greater than CRQLs. The associated PB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Barium	MF6R22, MF6R28, MF6R24, MF6R26, MF6R23, MF6R27, MF6R20, MF6R21, MF6R25, MF6R18

Method - Cyanide

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-1342
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R18, MF6R20, MF6R22, MF6R27

Cyanide	MF6R20, MF6R18, MF6R22, MF6R27

Test Name: EXES-476
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R18, MF6R20, MF6R22, MF6R27

Cyanide	MF6R20, MF6R18, MF6R22, MF6R27

Test Name: EXES-477
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R18, MF6R20, MF6R22, MF6R27

Cyanide	MF6R20, MF6R18, MF6R22, MF6R27

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InterferenceCheckSample

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

LaboratoryControlSample

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

MatrixSpikes

Method - Metals by ICP-MS

Test Name: EXES-594
Defect Message: The following samples are associated with Matrix Spike sample that has spike analyte %R greater than 125% and Post-digestion spike analyte %R less than or euqal to 125%. Detects are qualified as J. Nondetects are not qualified.

Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Selenium	MF6R25A

Method - Cyanide

Test Name: EXES-1355
Defect Message: The following samples are associated with Matrix Spike sample that has spike analyte %R within 30 - 74% and Post-digestion spike analyte %R greater than or equal to 75%. Detects are qualified as J. Nondetects are qualified as UJ.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Cyanide	MF6R25A

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

SerialDilution

Method - Metals by ICP-MS

Test Name: EXES-1334
Defect Message: The following samples are associated to the Serial Dilution sample with analyte absolute value %D >10% and the original sample result is > 50xMDL. Detects are qualified as estimated J. Non-detects are qualified estimated UJ.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Cobalt	MF6R25L
Zinc	MF6R25L

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InternalStandard

NONE FOUND

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

DetectionLimit

Method - Metals by ICP-AES

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R23, MF6R25, MF6R25L, MF6R26, MF6R27, MF6R28

Calcium	MF6R25D, MF6R27, MF6R25, MF6R23, MF6R25L, MF6R26
Magnesium	MF6R25L, MF6R25, MF6R27, MF6R23
Potassium	MF6R25L
Sodium	MF6R26, MF6R25D, MF6R28, MF6R23, MF6R27, MF6R25

Method - Metals by ICP-MS

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R25L, MF6R26, MF6R27, MF6R28, PBS01

Antimony	MF6R23
Arsenic	MF6R25L
Barium	PBS01
Beryllium	MF6R25D, MF6R23, MF6R20, MF6R25L, MF6R24, MF6R27, MF6R21, MF6R22, MF6R26, MF6R28, MF6R18, MF6R25
Cadmium	MF6R24, MF6R23, MF6R25L, MF6R28
Selenium	MF6R22, MF6R24, MF6R28, MF6R25, MF6R20, MF6R21
Silver	MF6R20, MF6R26, MF6R25D, MF6R18, MF6R28, MF6R22, MF6R27, MF6R24, MF6R23, MF6R25L, MF6R21, MF6R25
Thallium	MF6R21, PBS01, MF6R18
Zinc	MF6R25L

Method - Mercury by Cold Vapor

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R18, MF6R20, MF6R21, MF6R22, MF6R23, MF6R24, MF6R25, MF6R26, MF6R27, MF6R28

Mercury	MF6R27, MF6R24, MF6R25, MF6R28, MF6R18, MF6R25D, MF6R22, MF6R26, MF6R23, MF6R21, MF6R20

Method - Cyanide

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R18, MF6R20, MF6R22, MF6R27, PBS01

Cyanide	MF6R25D, MF6R20, MF6R18, PBS01, MF6R22, MF6R27

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Duplicates

Method - Metals by ICP-MS

Test Name: EXES-601
Defect Message: The following samples are associated with a Duplicate sample that has analyte results are greater than or equal to 5xCRQL in both Duplicate and original sanmples and RPD is greater than 20. Detects are qualified as J. Nondetects are qualified as UJ.

Associated Samples: MF6R25D

Lead	MF6R25D

Data Validation Report

Data Review Results

Thu, 31 Dec 2015 11:30:55

Lab Code: BON	SDG: MF6R18	Contract: EPW14029	Submission Group Id: 30113623
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

SampleAnalysis

NONE FOUND

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

January 20, 2016

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Katrina Coltrain, Remedial Project Manager (6SF-RL)

Site: **WILCOX OIL**

Case#: **45671**

SDG#: **MF6R29**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: January 19, 2016

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Sonya Meekins, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT

SUBJECT: CLP Data Review

Contract No.:	EP-W-13-026
TO No.:	002
Task/Sub-Task:	2-12
ESAT Doc. No.:	1602-212-0011
TDF No.:	6-16-121A
ESAT File No.:	I-0680

Attached is the data review summary for Case # 45671
SDG # MF6R29
Site Wilcox Oil

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	45671	SITE	Wilcox Oil
LABORATORY	BON	NO. OF SAMPLES	5
CONTRACT#	EP-W-14-029	MATRIX	Water
SDG#	MF6R29	REVIEWER (IF NOT ESB)	ESAT
SOW#	ISM02.3/MA 2542.1	REVIEWER'S NAME	Sonya Meekins
SF#	303DD2GG	COMPLETION DATE	January 19, 2016

SAMPLE NO.					
	MF6R29	MF6R36			
	MF6R33				
	MF6R34				
	MF6R35				

		ICP-MS	HG
1.	HOLDING TIMES	O	O
2.	CALIBRATIONS	O	O
3.	BLANKS	O	O
4.	MATRIX SPIKES	O	O
5.	DUPLICATE ANALYSIS	M	O
6.	ICP QC	M	N/A
7.	LCS	O	N/A
8.	SAMPLE VERIFICATION	O	O
9.	OTHER QC	N/A	N/A
10.	OVERALL ASSESSMENT	M	O

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREAS OF CONCERN: The aluminum laboratory duplicate difference was above the QC limit. The aluminum and zinc serial dilution differences were above the QC limit. Two samples had poor I.S. performance.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 45671 **SDG** MF6R29 **SITE** Wilcox Oil **LAB** BON

COMMENTS: This SDG consisted of five water samples for total metals by ICP-MS and mercury analyses following SOW ISM02.3. The samples were also subject to Modified Analysis Request 2542.1 (MA 2542.1), which requested lower CRQLs for eight analytes. The sampler designated sample MF6R29 for QC analyses.

S4VEM Review was performed for this data package as requested by the TDF. The target analytes of concern with the desired CRQLs in parentheses are antimony (1.0 ug/L), arsenic (0.50 ug/L), cadmium (0.50 ug/L), chromium (1.0 ug/L), cobalt (0.50 ug/L), magnesium (250 ug/L), selenium (2.5 ug/L), and thallium (0.50 ug/L). The analytes of concern detected above the CRQLs are arsenic, cadmium, chromium, cobalt, and/or magnesium in all samples. The laboratory reanalyzed samples MF6R33 and MF6R34 at the required 2X dilution because the %RI for ISs SC-45, Y-89, and Bi-209 were above the QC limit in the undiluted analyses of these samples. The dilutions repeated this problem so the laboratory reported the undiluted results associated with ISs SC-45, Y-89, Ho-165 and Bi-209. The laboratory also diluted (up to 300X) and reanalyzed sample MF6R33 because of high lead, manganese, and sodium concentrations.

OVERALL ASSESSMENT: Some results were qualified for all samples because of problems with a laboratory duplicate difference, serial dilution differences, and poor instrument performance. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist. The DST included in this report is the final version.

INORGANIC ACRONYMS

CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
EDM	EXES Data Manager
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IS	Internal Standard
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location

Disclaimer: **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

L Reported concentration is between the MDL and the CRQL.

J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

R Result is unusable.

F A possibility of a false negative exists.

UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOD	STATLOC
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/30/2015	16:36:46	7429-90-5	Aluminum	3200	J	ug/L	20.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-36-0	Antimony	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-38-2	Arsenic	2.5		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-39-3	Barium	45.0		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-41-7	Beryllium	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-43-9	Cadmium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-70-2	Calcium	16000		ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-47-3	Chromium	2.3		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-48-4	Cobalt	3.8		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-50-8	Copper	4.2		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7439-89-6	Iron	7230		ug/L	200	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/28/2015	12:37:25	7439-92-1	Lead	495		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7439-95-4	Magnesium	6890		ug/L	250	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/30/2015	16:36:46	7439-96-5	Manganese	827		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-02-0	Nickel	4.6		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-09-7	Potassium	2960		ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7782-49-2	Selenium	2.5	U	ug/L	2.5	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-22-4	Silver	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-23-5	Sodium	7890		ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-28-0	Thallium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/30/2015	16:36:46	7440-62-2	Vanadium	4.6	LJ	ug/L	5.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/29/2015	11:01:33	7440-66-6	Zinc	23.5	J	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/30/2015	16:53:24	7429-90-5	Aluminum	46100	J	ug/L	20.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-36-0	Antimony	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-38-2	Arsenic	32.9		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-39-3	Barium	1800		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-41-7	Beryllium	5.1	J	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-43-9	Cadmium	1.9	J	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-70-2	Calcium	63500	J	ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-47-3	Chromium	99.8		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-48-4	Cobalt	24.0	J	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-50-8	Copper	32.1	J	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7439-89-6	Iron	35400	J	ug/L	200	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/28/2015	12:46:38	7439-92-1	Lead	151000		ug/L	300	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7439-95-4	Magnesium	59700	J	ug/L	250	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/30/2015	17:09:59	7439-96-5	Manganese	6950		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-02-0	Nickel	31.8	J	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-09-7	Potassium	4690	J	ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7782-49-2	Selenium	4.0		ug/L	2.5	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-22-4	Silver	1.5	J	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:56:43	7440-23-5	Sodium	146000	J	ug/L	1000	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-28-0	Thallium	0.50	UJ	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/30/2015	16:53:24	7440-62-2	Vanadium	133		ug/L	5.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/29/2015	11:18:04	7440-66-6	Zinc	70.4	J	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/30/2015	16:57:33	7429-90-5	Aluminum	71600	J	ug/L	20.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-36-0	Antimony	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-38-2	Arsenic	24.3		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-39-3	Barium	704		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-41-7	Beryllium	5.8	J	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-43-9	Cadmium	0.50	UJ	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-70-2	Calcium	11800	J	ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-47-3	Chromium	148		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-48-4	Cobalt	16.2	J	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-50-8	Copper	21.2	J	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7439-89-6	Iron	29100	J	ug/L	200	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/28/2015	12:49:23	7439-92-1	Lead	471	J	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7439-95-4	Magnesium	7810	J	ug/L	250	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/30/2015	16:57:33	7439-96-5	Manganese	2470		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-02-0	Nickel	15.7	J	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-09-7	Potassium	4230	J	ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7782-49-2	Selenium	3.4		ug/L	2.5	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-22-4	Silver	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-23-5	Sodium	2180	UJ	ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-28-0	Thallium	0.50	UJ	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/30/2015	16:57:33	7440-62-2	Vanadium	209		ug/L	5.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/29/2015	11:22:12	7440-66-6	Zinc	26.4	J	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/30/2015	17:01:42	7429-90-5	Aluminum	1740	J	ug/L	20.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-36-0	Antimony	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-38-2	Arsenic	1.3		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-39-3	Barium	62.3		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-41-7	Beryllium	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	POND DISCH

45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-43-9	Cadmium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-70-2	Calcium	24400		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-47-3	Chromium	2.6		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-48-4	Cobalt	0.5	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-50-8	Copper	5.1		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7439-89-6	Iron	1700		ug/L	200	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/28/2015	12:51:48	7439-92-1	Lead	61.8		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7439-95-4	Magnesium	7120		ug/L	250	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/30/2015	17:01:42	7439-96-5	Manganese	59.0		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-02-0	Nickel	3.3		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-09-7	Potassium	4190		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7782-49-2	Selenium	2.5	U	ug/L	2.5	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-22-4	Silver	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-23-5	Sodium	8610		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-28-0	Thallium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/30/2015	17:01:42	7440-62-2	Vanadium	2.8	LJ	ug/L	5.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/29/2015	11:26:20	7440-66-6	Zinc	17.5	J	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/30/2015	17:05:50	7429-90-5	Aluminum	1740	J	ug/L	20.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-36-0	Antimony	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-38-2	Arsenic	1.2		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-39-3	Barium	65.0		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-41-7	Beryllium	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-43-9	Cadmium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-70-2	Calcium	25900		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-47-3	Chromium	2.6		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-48-4	Cobalt	0.69	LJ	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-50-8	Copper	5.2		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7439-89-6	Iron	1750		ug/L	200	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/28/2015	12:53:55	7439-92-1	Lead	59.8		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7439-95-4	Magnesium	7670		ug/L	250	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/30/2015	17:05:50	7439-96-5	Manganese	59.5		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-02-0	Nickel	3.4		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-09-7	Potassium	4400		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7782-49-2	Selenium	2.5	U	ug/L	2.5	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-22-4	Silver	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-23-5	Sodium	9050		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-28-0	Thallium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/30/2015	17:05:50	7440-62-2	Vanadium	2.8	LJ	ug/L	5.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/29/2015	11:30:28	7440-66-6	Zinc	18.7	J	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R29	MF6R29	5120218-01	W	Field_Sample	12/28/2015	15:01:34	7439-97-6	Mercury	0.089	LJ	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	TF-34-DISCH
45671	MF6R29	MF6R33	5120218-02	W	Field_Sample	12/28/2015	15:04:06	7439-97-6	Mercury	0.20	U	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	TF-34-01
45671	MF6R29	MF6R34	5120218-03	W	Field_Sample	12/28/2015	15:06:38	7439-97-6	Mercury	0.20	U	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	LOR-18
45671	MF6R29	MF6R35	5120218-04	W	Field_Sample	12/28/2015	15:09:10	7439-97-6	Mercury	0.20	U	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	POND DISCH
45671	MF6R29	MF6R36	5120218-05	W	Field_Sample	12/28/2015	15:11:41	7439-97-6	Mercury	0.20	U	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	FD-04

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 45671 SDG No. MF6R29 SDG Nos. To Follow Mod. Ref. No. 2542.1 Date Rec 01/06/16

EPA Lab ID: BON

Lab location: Hattiesburg, MS

Region: 6 Audit No.: 45671/MF6R29

Resubmitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

14/15 Sample tags were not required for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT/CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?	X		
18a. If "NO", does the copy indicate where original documents are located?			X

Audited by: Sonya Meekins/ESAT Data Reviewer Date 01/13/16

Audited by: Date

Signature Printed Name/Title

DC-2

USEPA CLP COC (LAB COPY)

DateShipped: 12/15/2015
CarrierName: FedEx
AirbillNo: 859483220215

CHAIN OF CUSTODY RECORD

Case #: 45671
Cooler #: EPW14029 MF6R29

No: 6-121515-111029-0018

Lab: Bonner Analytical Testing Company - BON
Lab Contact: Chris Bonner
Lab Phone: 601-264-2854

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0030	MF6R29 MF6R42	Ground Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1218 (HNO3 pH<2, 4 C), 1219 (HNO3 pH<2, 4 C), 1221 (HNO3 pH<2, 4 C), 1222 (HNO3 pH<2, 4 C) (4)	TF-34-DISCH	12/14/2015 10:30	
277-0033	MF6R32	Ground Water/ SERAS	Grab	DMw+DHg(21)	1253 (HNO3 pH<2, 4 C) (1)	AA-GW-03	12/14/2015 11:45	
277-0034	MF6R33 MF6R44	Ground Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1263 (HNO3 pH<2, 4 C), 1264 (HNO3 pH<2, 4 C) (2)	TF-34-01	12/14/2015 13:00	
277-0035	MF6R34 MF6R45	Ground Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1273 (HNO3 pH<2, 4 C), 1274 (HNO3 pH<2, 4 C) (2)	LOR-18	12/14/2015 12:00	
277-0036	MF6R35 MF6R46	Surface Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1283 (HNO3 pH<2, 4 C), 1284 (HNO3 pH<2, 4 C) (2)	POND DISCH	12/14/2015 14:00	
277-0037	MF6R36 MF6R47	Surface Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1293 (HNO3 pH<2, 4 C), 1294 (HNO3 pH<2, 4 C) (2)	FD-04	12/14/2015 14:00	

Sample(s) to be used for Lab QC: 277-0030 Tag 1218, 277-0030 Tag 1219, 277-0030 Tag 1221, 277-0030 Tag 1222 - Special Instructions: ICP-MS for: Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc 3°C

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: DMw+DHg=DissMetals ICP-MS by ISM02.3/MA#2542.1 & Dissolved Hg by ISM02.3, TMw+Hg+Cn=TotalMetals ICP-MS by ISM02.3/MA#2542.1 & Hg,Cn by ISM02.3

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	[signature] LM/SERAS	12/15/15 12:50	[signature] Bon	0943 12-16-15	good

Page 10 of 10

3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

January 21, 2016

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

Raymond Flores

FROM: Raymond Flores, Alternate ESAT Regional Project Officer
Environmental Services Branch (6MD-HL)

TO: Katrina Coltrain, Remedial Project Manager (6SF-RL)

Site: **WILCOX OIL**

Case#: **45671**

SDG#: **MF6R32**

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2139.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: January 20, 2016

TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA

FROM: Sonya Meekins, Data Reviewer, ESAT

THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT DGJ

SUBJECT: CLP Data Review

Contract No.:	EP-W-13-026
TO No.:	002
Task/Sub-Task:	2-12
ESAT Doc. No.:	1602-212-0012
TDF No.:	6-16-122A
ESAT File No.:	I-0681

Attached is the data review summary for Case # 45671
SDG # MF6R32
Site Wilcox Oil

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

INORGANIC REGIONAL DATA ASSESSMENT

CASE NO. 45671	SITE Wilcox Oil
LABORATORY BON	NO. OF SAMPLES 6
CONTRACT# EP-W-14-029	MATRIX Water
SDG# MF6R32	REVIEWER (IF NOT ESB) ESAT
SOW# ISM02.3/MA 2542.1	REVIEWER'S NAME Sonya Meekins
SF# 303DD2GG	COMPLETION DATE January 20, 2016

SAMPLE NO.					
	MF6R32	MF6R46			
	MF6R42	MF6R47			
	MF6R44				
	MF6R45				

		ICP-MS	HG
1.	HOLDING TIMES	O	O
2.	CALIBRATIONS	O	O
3.	BLANKS	O	O
4.	MATRIX SPIKES	O	O
5.	DUPLICATE ANALYSIS	O	O
6.	ICP QC	M	N/A
7.	LCS	O	N/A
8.	SAMPLE VERIFICATION	O	O
9.	OTHER QC	N/A	N/A
10.	OVERALL ASSESSMENT	M	O

O = Data had no problems.
M = Data qualified due to major or minor problems.
Z = Data unacceptable.
NA = Not applicable.

ACTION ITEMS:

AREAS OF CONCERN: The sodium serial dilution difference was above the QC limit. One sample had poor IS performance.

COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW

CASE 45671 **SDG** MF6R32 **SITE** Wilcox Oil **LAB** BON

COMMENTS: This SDG consisted of six dissolved water samples for total metals by ICP-MS and mercury analyses following SOW ISM02.3. The samples were also subject to Modified Analysis Request 2542.1 (MA 2542.1), which requested lower CRQLs for eight analytes. The sampler designated sample MF6R42 for QC analyses.

The target analytes of concern with the desired CRQLs in parentheses are antimony (1.0 ug/L), arsenic (0.50 ug/L), cadmium (0.50 ug/L), chromium (1.0 ug/L), cobalt (0.50 ug/L), magnesium (250 ug/L), selenium (2.5 ug/L), and thallium (0.50 ug/L). The analytes of concern detected above the CRQLs are antimony, arsenic, chromium, cobalt, magnesium, and/or selenium in all samples. The laboratory reanalyzed sample MF6R32 at the required 2X dilution because the %RI for ISs Y-89 and Bi-209 were above the QC limit in the undiluted analyses of these samples. The dilution repeated this problem for IS Y-89, so the laboratory reported the associated undiluted results. The dilution had an acceptable %RI for IS Bi-209, so the laboratory reported the results associated with IS Bi-209 from the diluted analysis. The laboratory also diluted (up to 100X) and reanalyzed samples MF6R32 and MF6R44 because of high lead, sodium, and/or vanadium concentrations. Because of sample matrix, the laboratory reduced the digestion volume for sample MF6R32 by half. Therefore, the CRQLs for cadmium and thallium did not meet the CRQLs in the MA 2542.1 for these two analytes.

S3VEM Review was performed for this data package as requested by the TDF. For this review option, laboratory contractual compliance and technical usability of the sample results are primarily determined by the EDM CCS Defect Report and NFG Data Review Results Report, respectively. The reviewer performs supplemental hardcopy forms checking and applies Region 6 guidelines, where necessary, to account for known limitations of the electronic review process. Therefore, the reviewer's final assessments may deviate from those found in the EDM reports. The NFG Data Review Results Report for the SDG is attached to this report as an addendum for additional information.

OVERALL ASSESSMENT: Some results were qualified for all samples because of problems with a serial dilution difference and/or poor IS performance. ESAT's final data qualifiers in the DST indicate the technical usability of all reported sample results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist. The DST included in this report is the final version.

INORGANIC ACRONYMS

CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
EDM	EXES Data Manager
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
IS	Internal Standard
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
S3VEM	Stage 3 Validation Electronic and Manual (previously called Modified CADRE Review)
S4VEM	Stage 4 Validation Electronic and Manual (previously called Standard Review)
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume (Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location

Disclaimer: **ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.**

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

U Not detected at reported quantitation limit.

L Reported concentration is between the MDL and the CRQL.

J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.

R Result is unusable.

F A possibility of a false negative exists.

UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.

+ High biased. Actual concentration may be lower than the concentration reported.

- Low biased. Actual concentration may be higher than the concentration reported.

W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOD	STATLOC
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7429-90-5	Aluminum	1270		ug/L	40.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-36-0	Antimony	13.3		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-38-2	Arsenic	707		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-39-3	Barium	752		ug/L	20.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-41-7	Beryllium	13.9		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-43-9	Cadmium	1.0	UJ	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-70-2	Calcium	69300		ug/L	1000	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	01/04/2016	13:54:03	7440-47-3	Chromium	752		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-48-4	Cobalt	69.8	J	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-50-8	Copper	39.0	J	ug/L	4.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7439-89-6	Iron	16700	J	ug/L	400	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	01/04/2016	14:28:33	7439-92-1	Lead	752	J	ug/L	4.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7439-95-4	Magnesium	79000		ug/L	500	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7439-96-5	Manganese	1370		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-02-0	Nickel	919	J	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-09-7	Potassium	1550		ug/L	1000	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7782-49-2	Selenium	58.5		ug/L	5.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-22-4	Silver	2.0	UJ	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/29/2015	13:57:40	7440-23-5	Sodium	6480000	J	ug/L	100000	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	01/04/2016	14:28:33	7440-28-0	Thallium	2.0	UJ	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	01/04/2016	14:36:14	7440-62-2	Vanadium	4170		ug/L	30.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/30/2015	19:19:23	7440-66-6	Zinc	35.9	J	ug/L	4.0	12/14/2015	12/22/2015	12/16/2015			25	50	MS	AA-GW-03
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7429-90-5	Aluminum	29.6		ug/L	20.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-36-0	Antimony	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-38-2	Arsenic	1.1		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-39-3	Barium	37.9		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-41-7	Beryllium	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-43-9	Cadmium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-70-2	Calcium	17400		ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	01/04/2016	13:57:53	7440-47-3	Chromium	0.49	LJ	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-48-4	Cobalt	3.6		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-50-8	Copper	2.9		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7439-89-6	Iron	1400		ug/L	200	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7439-92-1	Lead	106		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7439-95-4	Magnesium	7240		ug/L	250	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7439-96-5	Manganese	894		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-02-0	Nickel	4.1		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-09-7	Potassium	3050		ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7782-49-2	Selenium	2.5	U	ug/L	2.5	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-22-4	Silver	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/29/2015	14:00:08	7440-23-5	Sodium	8410	J	ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-28-0	Thallium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-62-2	Vanadium	0.38	LJ	ug/L	5.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/30/2015	19:23:28	7440-66-6	Zinc	14.6		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-DISCH
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7429-90-5	Aluminum	4430		ug/L	20.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-36-0	Antimony	1.3		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-38-2	Arsenic	8.3		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-39-3	Barium	117		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-41-7	Beryllium	0.31	LJ	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-43-9	Cadmium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-70-2	Calcium	15800		ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	01/04/2016	14:13:12	7440-47-3	Chromium	9.1		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-48-4	Cobalt	6.0		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-50-8	Copper	5.9		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7439-89-6	Iron	6490		ug/L	200	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	01/04/2016	14:32:23	7439-92-1	Lead	3860		ug/L	5.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7439-95-4	Magnesium	8070		ug/L	250	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7439-96-5	Manganese	1470		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-02-0	Nickel	9.4		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-09-7	Potassium	1750		ug/L	500	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7782-49-2	Selenium	0.55	LJ	ug/L	2.5	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-22-4	Silver	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/29/2015	14:17:05	7440-23-5	Sodium	362000	J	ug/L	2000	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-28-0	Thallium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-62-2	Vanadium	12.9		ug/L	5.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/30/2015	19:39:51	7440-66-6	Zinc	13.7		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	TF-34-01
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7429-90-5	Aluminum	20.0	U	ug/L	20.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-36-0	Antimony	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-38-2	Arsenic	9.9		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-39-3	Barium	108		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-41-7	Beryllium	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015			50	50	MS	LOR-18

45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-43-9	Cadmium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-70-2	Calcium	37500		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	01/04/2016	14:17:02	7440-47-3	Chromium	0.33	LJ	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-48-4	Cobalt	1.4		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-50-8	Copper	2.0	U	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7439-89-6	Iron	36800		ug/L	200	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7439-92-1	Lead	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7439-95-4	Magnesium	6380		ug/L	250	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7439-96-5	Manganese	1660		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-02-0	Nickel	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-09-7	Potassium	1010		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7782-49-2	Selenium	2.5	U	ug/L	2.5	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-22-4	Silver	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/29/2015	14:09:57	7440-23-5	Sodium	3210	J	ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-28-0	Thallium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-62-2	Vanadium	5.0	U	ug/L	5.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/30/2015	19:43:57	7440-66-6	Zinc	2.0	U	ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	LOR-18
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7429-90-5	Aluminum	215		ug/L	20.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-36-0	Antimony	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-38-2	Arsenic	0.78		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-39-3	Barium	54.8		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-41-7	Beryllium	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-43-9	Cadmium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-70-2	Calcium	26000		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	01/04/2016	14:20:52	7440-47-3	Chromium	0.77	LJ	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-48-4	Cobalt	0.34	LJ	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-50-8	Copper	3.9		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7439-89-6	Iron	304		ug/L	200	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7439-92-1	Lead	11.1		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7439-95-4	Magnesium	7300		ug/L	250	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7439-96-5	Manganese	36.0		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-02-0	Nickel	2.8		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-09-7	Potassium	4080		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7782-49-2	Selenium	2.5	U	ug/L	2.5	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-22-4	Silver	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/29/2015	14:12:07	7440-23-5	Sodium	8780	J	ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-28-0	Thallium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-62-2	Vanadium	0.35	LJ	ug/L	5.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/30/2015	19:48:03	7440-66-6	Zinc	9.2		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	POND DISCH
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7429-90-5	Aluminum	366		ug/L	20.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-36-0	Antimony	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-38-2	Arsenic	0.68		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-39-3	Barium	54.0		ug/L	10.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-41-7	Beryllium	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-43-9	Cadmium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-70-2	Calcium	25100		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	01/04/2016	14:24:43	7440-47-3	Chromium	0.91	LJ	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-48-4	Cobalt	0.60		ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-50-8	Copper	3.7		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7439-89-6	Iron	460		ug/L	200	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7439-92-1	Lead	14.9		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7439-95-4	Magnesium	7130		ug/L	250	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7439-96-5	Manganese	37.4		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-02-0	Nickel	2.6		ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-09-7	Potassium	3960		ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7782-49-2	Selenium	2.5	U	ug/L	2.5	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-22-4	Silver	1.0	U	ug/L	1.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/29/2015	14:14:36	7440-23-5	Sodium	8330	J	ug/L	500	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-28-0	Thallium	0.50	U	ug/L	0.50	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-62-2	Vanadium	0.65	LJ	ug/L	5.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/30/2015	19:52:09	7440-66-6	Zinc	9.9		ug/L	2.0	12/14/2015	12/22/2015	12/16/2015	50	50	MS	FD-04
45671	MF6R32	MF6R32	5120223-01	W	Field_Sample	12/23/2015	09:54:59	7439-97-6	Mercury	0.15	LJ	ug/L	0.40	12/14/2015	12/22/2015	12/16/2015	25	50	CV	AA-GW-03
45671	MF6R32	MF6R42	5120223-02	W	Field_Sample	12/23/2015	10:02:44	7439-97-6	Mercury	0.20	U	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	TF-34-DISCH
45671	MF6R32	MF6R44	5120223-03	W	Field_Sample	12/23/2015	10:05:15	7439-97-6	Mercury	0.20	U	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	TF-34-01
45671	MF6R32	MF6R45	5120223-04	W	Field_Sample	12/23/2015	10:07:48	7439-97-6	Mercury	0.20	U	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	LOR-18
45671	MF6R32	MF6R46	5120223-05	W	Field_Sample	12/23/2015	10:10:20	7439-97-6	Mercury	0.20	U	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	POND DISCH
45671	MF6R32	MF6R47	5120223-06	W	Field_Sample	12/23/2015	10:12:52	7439-97-6	Mercury	0.20	U	ug/L	0.20	12/14/2015	12/22/2015	12/16/2015	50	50	CV	FD-04

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 45671 SDG No. MF6R32 SDG Nos. To Follow Mod. Ref. No. 2542.1 Date Rec 01/06/16

EPA Lab ID: BON

Lab location: Hattiesburg, MS

Region: 6 Audit No.: 45671/MF6R32

Resubmitted CSF? Yes ____ No X

Box No(s): 1

COMMENTS:

14/15 Sample tags were not required for this case.

Over for additional comments.

ORIGINALS	YES	NO	N/A
CUSTODY SEALS			
1. Present on package?	X		
2. Intact upon receipt?	X		
FORM DC-2			
3. Numbering scheme accurate?	X		
4. Are enclosed documents listed?	X		
5. Are listed documents enclosed?	X		
FORM DC-1			
6. Present?	X		
7. Complete?	X		
8. Accurate?	X		
TRAFFIC REPORT/CHAIN-OF-CUSTODY RECORD(s)			
9. Signed?	X		
10. Dated?	X		
AIRBILLS/AIRBILL STICKER			
11. Present?	X		
12. Signed?	X		
13. Dated?	X		
SAMPLE TAGS			
14. Does DC-1 list tags as being included?			X
15. Present?			X
OTHER DOCUMENTS			
16. Complete?	X		
17. Legible?	X		
18. Original?		X	
18a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: Sonya Meekins/ESAT Data Reviewer Date 01/15/16

Audited by: Date

Signature Printed Name/Title

DC-2_

USEPA CLP COC (LAB COPY)
DateShipped: 12/15/2015
CarrierName: FedEx
AirbillNo: 859483220215

CHAIN OF CUSTODY RECORD

Case #: 45671 EPW14029
Cooler #: MF6R32

No: 6-121515-111029-0018
Lab: Bonner Analytical Testing Company - BON
Lab Contact: Chris Bonner
Lab Phone: 601-264-2854

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
277-0030	MF6R29 MF6R42	Ground Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1218 (HNO3 pH<2, 4 C), 1219 (HNO3 pH<2, 4 C), 1221 (HNO3 pH<2, 4 C), 1222 (HNO3 pH<2, 4 C) (4)	TF-34-DISCH	12/14/2015 10:30	
277-0033	MF6R32	Ground Water/ SERAS	Grab	DMw+DHg(21)	1253 (HNO3 pH<2, 4 C) (1)	AA-GW-03	12/14/2015 11:45	
277-0034	MF6R33 MF6R44	Ground Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1263 (HNO3 pH<2, 4 C), 1264 (HNO3 pH<2, 4 C) (2)	TF-34-01	12/14/2015 13:00	
277-0035	MF6R34 MF6R45	Ground Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1273 (HNO3 pH<2, 4 C), 1274 (HNO3 pH<2, 4 C) (2)	LOR-18	12/14/2015 12:00	
277-0036	MF6R35 MF6R46	Surface Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1283 (HNO3 pH<2, 4 C), 1284 (HNO3 pH<2, 4 C) (2)	POND DISCH	12/14/2015 14:00	
277-0037	MF6R36 MF6R47	Surface Water/ SERAS	Grab	DMw+DHg(21), TMw+Hg+Cn(21)	1293 (HNO3 pH<2, 4 C), 1294 (HNO3 pH<2, 4 C) (2)	FD-04	12/14/2015 14:00	

Page 10 of 10

Sample(s) to be used for Lab QC: 277-0030 Tag 1218, 277-0030 Tag 1219, 277-0030 Tag 1221, 277-0030 Tag 1222 - Special Instructions: ICP-MS for: Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc 3°C

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: DMw+DHg=DissMetals ICP-MS by ISM02.3/MA#2542.1 & Dissolved Hg by ISM02.3, TMw+Hg+Cn=TotalMetals ICP-MS by ISM02.3/MA#2542.1 & Hg,Cn by ISM02.3

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Au/Analysis	LM/SERAS	12/15/15 12:50	P. Aik Bonner	0943 12-16-15	good
					COPY
				ORIGINAL IN CSF: MF6R29	

Signature: P. Aik

3

ADDENDUM

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

HoldingTimes_Preservation

NONE FOUND

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

TUNE

NONE FOUND

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InitialCalibration

NONE FOUND

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

ContinuingCalibrationVerification

NONE FOUND

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Blanks

Method - Metals by ICP-MS

Test Name: EXES-1342
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R32, MF6R42, MF6R44, MF6R45, MF6R46, MF6R47

Antimony	MF6R46, MF6R42, MF6R45, MF6R47
Cobalt	MF6R46
Copper	MF6R45
Silver	MF6R42, MF6R44, MF6R32
Thallium	MF6R44, MF6R32

Test Name: EXES-476
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.
Associated Samples: MF6R32, MF6R42, MF6R44, MF6R45, MF6R46, MF6R47

Antimony	MF6R46, MF6R47, MF6R45, MF6R42
Silver	MF6R32, MF6R44, MF6R42
Thallium	MF6R44, MF6R32

Test Name: EXES-478
Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R32, MF6R42, MF6R44, MF6R45, MF6R46, MF6R47

Aluminum	MF6R47, MF6R46, MF6R32, MF6R44, MF6R42
Antimony	MF6R44, MF6R32
Arsenic	MF6R42, MF6R32, MF6R45, MF6R46, MF6R47, MF6R44
Barium	MF6R44, MF6R32, MF6R45, MF6R42, MF6R46, MF6R47
Beryllium	MF6R32
Calcium	MF6R42, MF6R32, MF6R47, MF6R44, MF6R45, MF6R46
Chromium	MF6R44, MF6R32

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-478
Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R32, MF6R42, MF6R44, MF6R45, MF6R46, MF6R47

Cobalt	MF6R32, MF6R44, MF6R42, MF6R45, MF6R47
Copper	MF6R46, MF6R32, MF6R42, MF6R44, MF6R47
Iron	MF6R46, MF6R42, MF6R32, MF6R47, MF6R44, MF6R45
Lead	MF6R47, MF6R46, MF6R44, MF6R42, MF6R32
Magnesium	MF6R32, MF6R44, MF6R45, MF6R46, MF6R42, MF6R47
Manganese	MF6R42, MF6R32, MF6R45, MF6R46, MF6R47, MF6R44
Nickel	MF6R42, MF6R46, MF6R47, MF6R32, MF6R44
Potassium	MF6R44, MF6R47, MF6R42, MF6R45, MF6R46, MF6R32
Selenium	MF6R32
Sodium	MF6R42, MF6R44, MF6R32, MF6R45, MF6R47, MF6R46
Vanadium	MF6R44, MF6R32
Zinc	MF6R32, MF6R46, MF6R44, MF6R42, MF6R47

Test Name: EXES-479
Defect Message: The following samples have analyte results greater than CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R32, MF6R42, MF6R44, MF6R45, MF6R46, MF6R47

Aluminum	MF6R47, MF6R32, MF6R46, MF6R44, MF6R42
Antimony	MF6R32, MF6R44
Arsenic	MF6R32, MF6R47, MF6R42, MF6R45, MF6R46, MF6R44
Barium	MF6R44, MF6R32, MF6R45, MF6R42, MF6R46, MF6R47
Beryllium	MF6R32
Calcium	MF6R45, MF6R47, MF6R44, MF6R32, MF6R46, MF6R42
Chromium	MF6R44, MF6R32
Cobalt	MF6R47, MF6R42, MF6R32, MF6R45, MF6R44
Copper	MF6R47, MF6R46, MF6R32, MF6R44, MF6R42
Iron	MF6R46, MF6R42, MF6R32, MF6R47, MF6R45, MF6R44
Lead	MF6R46, MF6R32, MF6R47, MF6R42, MF6R44
Magnesium	MF6R32, MF6R44, MF6R45, MF6R42, MF6R47, MF6R46
Manganese	MF6R47, MF6R46, MF6R42, MF6R32, MF6R44, MF6R45
Nickel	MF6R44, MF6R42, MF6R46, MF6R47, MF6R32
Potassium	MF6R42, MF6R45, MF6R47, MF6R44, MF6R32, MF6R46
Selenium	MF6R32
Sodium	MF6R32, MF6R42, MF6R45, MF6R47, MF6R44, MF6R46
Vanadium	MF6R32, MF6R44
Zinc	MF6R42, MF6R44, MF6R46, MF6R32, MF6R47

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-508
Defect Message: The following samples have analyte results greater than CRQLs. The associated PB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.
Associated Samples: MF6R32, MF6R42, MF6R44, MF6R45, MF6R46, MF6R47

Antimony	MF6R32, MF6R44
Arsenic	MF6R42, MF6R45, MF6R44, MF6R46, MF6R47, MF6R32
Barium	MF6R44, MF6R32, MF6R45, MF6R47, MF6R42, MF6R46
Chromium	MF6R32, MF6R44
Copper	MF6R47, MF6R42, MF6R46, MF6R32, MF6R44
Iron	MF6R44, MF6R45, MF6R47, MF6R46, MF6R42, MF6R32
Lead	MF6R42, MF6R32, MF6R44, MF6R46, MF6R47
Nickel	MF6R46, MF6R47, MF6R44, MF6R32, MF6R42
Potassium	MF6R47, MF6R42, MF6R45, MF6R46, MF6R44, MF6R32
Sodium	MF6R32, MF6R47, MF6R46, MF6R42, MF6R44, MF6R45

Method - Mercury by Cold Vapor

Test Name: EXES-480
Defect Message: The following samples are associated with CCB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R32, MF6R42, MF6R44, MF6R45, MF6R46, MF6R47

Mercury	MF6R45, MF6R42, MF6R32, MF6R46, MF6R47, MF6R44

Test Name: EXES-549
Defect Message: The following samples are associated with PB that has analyte results less than or equal to (-MDL) but greater than or equal to (-CRQL). Use Professional Judgement to qualify detects and nondetects.
Associated Samples: MF6R32, MF6R42, MF6R44, MF6R45, MF6R46, MF6R47

Mercury	MF6R45, MF6R42, MF6R32, MF6R46, MF6R47, MF6R44

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InterferenceCheckSample

NONE FOUND

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

LaboratoryControlSample

NONE FOUND

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

MatrixSpikes

NONE FOUND

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

SerialDilution

Method - Metals by ICP-MS

Test Name: EXES-1334
Defect Message: The following samples are associated to the Serial Dilution sample with analyte absolute value %D >10% and the original sample result is > 50xMDL. Detects are qualified as estimated J. Non-detects are qualified estimated UJ.
Associated Samples: MF6R32, MF6R42, MF6R44, MF6R45, MF6R46, MF6R47

Aluminum	MF6R42L
Sodium	MF6R42L

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InternalStandard

NONE FOUND

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

DetectionLimit

Method - Metals by ICP-MS

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R32, MF6R42, MF6R42L, MF6R44, MF6R45, MF6R46, MF6R47, PBW01

Aluminum	MF6R42L
Antimony	MF6R46, PBW01, MF6R47, MF6R42, MF6R42D, MF6R45
Arsenic	PBW01, MF6R42L
Barium	MF6R42L, PBW01
Beryllium	MF6R44
Cadmium	MF6R46, MF6R42D, MF6R42, MF6R32, MF6R47, MF6R44
Chromium	MF6R46, MF6R47, MF6R45, MF6R42, MF6R42D, PBW01
Cobalt	MF6R46
Copper	MF6R45, MF6R42L, PBW01
Iron	PBW01
Lead	PBW01, MF6R45
Nickel	MF6R45, MF6R42L, PBW01
Potassium	PBW01
Selenium	MF6R44, MF6R42L
Silver	MF6R44, MF6R42D, MF6R42, MF6R32
Sodium	PBW01
Thallium	MF6R42D, MF6R32, MF6R44, PBW01
Vanadium	MF6R47, MF6R42D, MF6R42, MF6R46
Zinc	MF6R45

Method - Mercury by Cold Vapor

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-790
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.
Associated Samples: MF6R32

Mercury	MF6R32

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Duplicates

NONE FOUND

Data Validation Report

Data Review Results

Mon, 11 Jan 2016 11:52:40

Lab Code: BON	SDG: MF6R32	Contract: EPW14029	Submission Group Id: 30116601
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

SampleAnalysis

NONE FOUND

LOCKHEED MARTIN

Lockheed Martin Information Systems & Global Solutions (IS&GS - Civil)
Environmental Services SERAS
2890 Woodbridge Avenue, Building 209 Annex
Edison, NJ 08837-3679
Telephone: 732-321-4200, Facsimile: 732-494-4021

DATE: December 24, 2015

TO: R.Singhvi, ERTC/EPA

FROM: Misty Barkley, Analytical Support Chemist MB

SUBJECT: Preliminary Results of Project: Wilcox WA #0-277

Attached please find the preliminary results of the above referenced project for the following samples.

Date Received	chain of custody	No of Samples	Analysis Requested	Matrix	Lab Job No.
12/04/15	6-120315-172318-0005	5	GRO	Soil	S19763
12/08/15	6-120815-183003-0010	13	GRO	Soil	SI9891
12/14/15	6-121115-163344-0015	9	GRO	Soil	TI0037
12/16/15	6-121515-104648-0016	4	GRO	Soil	TI0110
12/16/15	6-121515-123522-0023	3	GRO	Soil	TI0110

cc: Archives
J. Patel
D. Killeen
J. McBurney
T. Kady
K. Taylor

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9900-1RA
Client ID: 277-0002
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2083.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 14-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		180	mg/Kgdrywt	1	2.5	2.6	1.9
p-Bromofluorobenzene		64.2	%				

00 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9900-2DL
Client ID: 277-0003
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2081.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 14-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		670	mg/Kgdrywt	5	2.5	13.	9.4
p-Bromofluorobenzene	*	45.2	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9900-3DL
Client ID: 277-0004
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2082.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 14-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		710	mg/Kgdrywt	5	2.5	13.	9.7
p-Bromofluorobenzene		67.8	%				

200 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9900-4
Client ID: 277-0005
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2063.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 11-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		21	mg/Kgdrywt	1	2.5	2.6	1.9
p-Bromofluorobenzene		114.	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9900-5
Client ID: 277-0001
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2064.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 11-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		150	mg/Kgdrywt	1	2.5	2.6	1.9
p-Bromofluorobenzene		58.8	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-1DL
Client ID: 277-0011
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2084.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 14-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		480	mg/Kgdrywt	5	2.5	12.	9.0
p-Bromofluorobenzene		69.8	%				

00 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-2DL
Client ID: 277-0012
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2085.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 14-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		430	mg/Kgdrywt	5	2.5	12.	8.7
p-Bromofluorobenzene		78.0	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-3
Client ID: 277-0013
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2068.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 11-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		190	mg/Kgdrywt	1	2.5	2.7	2.0
p-Bromofluorobenzene		68.3	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-4
Client ID: 277-0014
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2069.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 11-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		130	mg/Kgdrywt	1	2.5	2.6	1.9
p-Bromofluorobenzene		70.4	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-5
Client ID: 277-0015
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2070.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 12-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 88.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	2.5	mg/Kgdrywt	1	2.5	2.5	1.9
p-Bromofluorobenzene		96.6	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-6
Client ID: 277-0016
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2071.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 12-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 90.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		150	mg/Kgdrywt	1	2.5	2.4	1.8
p-Bromofluorobenzene		70.9	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-7DL
Client ID: 277-0017
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2087.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 14-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		3000	mg/Kgdrywt	20	2.5	48.	36.
p-Bromofluorobenzene		80.9	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-8RA
Client ID: 277-0018
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2088.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 14-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	2.4	mg/Kgdrywt	1	2.5	2.4	1.8
p-Bromofluorobenzene		97.8	%				

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-9RA
Client ID: 277-0006
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2089.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 14-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 88.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		190	mg/Kgdrywt	1	2.5	2.5	1.9
p-Bromofluorobenzene		64.7	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-10DL
Client ID: 277-0007
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2090.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 15-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		1900	mg/Kgdrywt	10	2.5	26.	19.
p-Bromofluorobenzene		85.8	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-11RA
Client ID: 277-0008
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2091.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 15-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	2.6	mg/Kgdrywt	1	2.5	2.6	1.9
p-Bromofluorobenzene		104.	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-12
Client ID: 277-0009
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2079.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 14-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		3.5	mg/Kgdrywt	1	2.5	2.5	1.8
p-Bromofluorobenzene		95.2	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9902-13DL
Client ID: 277-0010
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2092.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG175867

Analysis Date: 15-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		510	mg/Kgdrywt	5	2.5	13.	9.5
p-Bromofluorobenzene		69.2	%				

60 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0037-1DL
Client ID: 277-0025
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2119.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 17-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176199

Analysis Date: 18-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 80.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		3100	mg/Kgdrywt	10	2.5	44.	32.
p-Bromofluorobenzene		72.9	%				

00 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0037-2DL2
Client ID: 277-0026
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2120.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 17-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176199

Analysis Date: 18-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		910	mg/Kgdrywt	10	2.5	26.	19.
p-Bromofluorobenzene	*	48.3	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0037-3DL
Client ID: 277-0027
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2121.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 17-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176199

Analysis Date: 18-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		830	mg/Kgdrywt	5	2.5	12.	9.0
p-Bromofluorobenzene		66.6	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0037-4RA
Client ID: 277-0028
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2118.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 17-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176199

Analysis Date: 18-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		86	mg/Kgdrywt	1	2.5	2.6	1.9
p-Bromofluorobenzene		67.9	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0037-5
Client ID: 277-0029
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2108.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 17-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176199

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	2.8	mg/Kgdrywt	1	2.5	2.8	2.1
p-Bromofluorobenzene		100.	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0037-6
Client ID: 277-0019
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2109.D

Sample Date: 09-DEC-15
Received Date: 12-DEC-15
Extract Date: 17-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176199

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	2.6	mg/Kgdrywt	1	2.5	2.6	1.9
p-Bromofluorobenzene		102.	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0037-7
Client ID: 277-0021
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2110.D

Sample Date: 10-DEC-15
Received Date: 12-DEC-15
Extract Date: 17-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176199

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		5.1	mg/Kgdrywt	1	2.5	2.7	2.0
p-Bromofluorobenzene		103.	%				

300 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0037-8
Client ID: 277-0022
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2111.D

Sample Date: 10-DEC-15
Received Date: 12-DEC-15
Extract Date: 17-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176199

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 83.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	2.9	mg/Kgdrywt	1	2.5	2.9	2.1
p-Bromofluorobenzene		101.	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0037-9DL
Client ID: 277-0024
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2122.D

Sample Date: 10-DEC-15
Received Date: 12-DEC-15
Extract Date: 17-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176199

Analysis Date: 18-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 81.
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		590	mg/Kgdrywt	10	2.5	29.	21.
p-Bromofluorobenzene		82.8	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0110-1DL
Client ID: 277-0034
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2144.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 21-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176416

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		900	ug/l	2	10	20.	13.
p-Bromofluorobenzene	*	74.0	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0110-2DL
Client ID: 277-0035
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2145.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 21-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176416

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		4000	ug/l	20	10	200	130
p-Bromofluorobenzene		80.5	%				

00 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0110-3RA
Client ID: 277-0043
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2139.D

Sample Date: 15-DEC-15
Received Date: 16-DEC-15
Extract Date: 21-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176416

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	10	ug/l	1	10	10.	6.7
p-Bromofluorobenzene		90.5	%				

00 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0110-4RA
Client ID: 277-0030
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2140.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 21-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176416

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	10	ug/l	1	10	10.	6.7
p-Bromofluorobenzene		81.0	%				

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0110-5DL
Client ID: 277-0033
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2153.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 22-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176416

Analysis Date: 22-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics		18000	ug/l	100	10	1000	670
p-Bromofluorobenzene		112.	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0110-6RA
Client ID: 277-0036
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2141.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 21-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176416

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	10	ug/l	1	10	10.	6.7
p-Bromofluorobenzene		95.0	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0110-7RA
Client ID: 277-0037
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2142.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 21-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176416

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	10	ug/l	1	10	10.	6.7
p-Bromofluorobenzene		91.5	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0110-8RA
Client ID: 277-0038
Project: Lockheed Martin SERAS Proj
SDG: 0277-2
Lab File ID: 9IL2143.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 21-DEC-15
Extracted By: JLP
Extraction Method: SW846 5030B
Lab Prep Batch: WG176416

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 22-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Gasoline Range Organics	U	10	ug/l	1	10	10.	6.7
p-Bromofluorobenzene		92.5	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

USEPA
DateShipped: 12/8/2015
CarrierName: FedEx
AirbillNo: 859483220064

519841

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-120815-183003-0010
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0011	TF-11-05	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0011	TF-11-05	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0012	TF-12-01	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0012	TF-12-01	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0013	TF-12-05	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0013	TF-12-05	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0014	FD-02	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0014	FD-02	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0015	TF-12-06	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0015	TF-12-06	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0016	WIL-20	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0016	WIL-20	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0017	WIL-35	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0017	WIL-35	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0018	WIL-14	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0018	WIL-14	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0006	WIL-30	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N
	277-0006	WIL-30	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N
	277-0007	WIL-29	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL/ANALYSIS	LMSBRAS	12/8/15 1730		0950 12/9/15	

CC0013

USEPA
DateShipped: 12/8/2015
CarrierName: FedEx
AirbillNo: 859483220064

S19891

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-120815-183003-0010
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0007	WIL-29	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N
	277-0008	WIL-05	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N
	277-0008	WIL-05	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N
	277-0009	WIL-25	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N
	277-0009	WIL-25	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N
	277-0010	TF-11-03	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N
	277-0010	TF-11-03	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL/ANALYSIS	LM SERAS	12/8/15 1730		0950 12/9/15	

0000014

USEPA
DateShipped: 12/11/2015
CarrierName: FedEx
AirbillNo: 859483220307

T10036/T10037

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-121115-163344-0015
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0025	TF-34-01	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0025	TF-34-01	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0026	LOR-18	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0026	LOR-18	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0027	FD-03	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0027	FD-03	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0028	LOR-25A	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0028	LOR-25A	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0029	LOR-25A	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0029	LOR-25A	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0019	P-03-SAND	GRO by Method 8015	Soil	12/9/2015	2	40 mL VOA	MeOH/4C	N
	277-0019	P-03-SAND	DRO/ORO by Method 8015, 8100	Soil	12/9/2015	1	4 oz Jar	4 C	N
	277-0021	WIL-AA-10	GRO by Method 8015	Soil	12/10/2015	2	40 mL VOA	MeOH/4C	N
	277-0021	WIL-AA-10	DRO/ORO by Method 8015, 8100	Soil	12/10/2015	1	4 oz Jar	4 C	N
	277-0022	WIL-AA-11	GRO by Method 8015	Soil	12/10/2015	2	40 mL VOA	MeOH/4C	N
	277-0022	WIL-AA-11	DRO/ORO by Method 8015, 8100	Soil	12/10/2015	1	4 oz Jar	4 C	N
	277-0024	WIL-41	GRO by Method 8015	Soil	12/10/2015	2	40 mL VOA	MeOH/4C	N
	277-0024	WIL-41	DRO/ORO by Method 8015, 8100	Soil	12/10/2015	1	4 oz Jar	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All/Analysis	[signature] LM SERAS	12/11/15 15:40	FedEx		
	FedEx		[signature], Katahdin	12/12/15 09:05	

0000015

USEPA
DateShipped: 12/15/2015
CarrierName: FedEx
AirbillNo: 859483220189

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-121515-123522-0023
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

TI 0109/TI0110

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0034	TF-34-01	GRO by Method 8015	Ground Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0034	TF-34-01	DRO/ORO by Method 8015, 8100	Ground Water	12/14/2015	2	1 liter amber	HCl 4 C	N
	277-0035	LOR-18	GRO by Method 8015	Ground Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0035	LOR-18	DRO/ORO by Method 8015, 8100	Ground Water	12/14/2015	2	1 liter amber	HCl 4 C	N
	277-0043	TB-06	GRO by Method 8015	Blank	12/15/2015	4	40 ml VOA	HCl 4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Analysis	LMS ERAS	12/15/15 12:30		12-16-15/0930	

000016

USEPA
DateShipped: 12/15/2015
CarrierName: FedEx
AirbillNo: 859483220204

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-121515-104648-0016
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

T10109/T10110

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0030	TF-34-DISCH	GRO by Method 8015	Ground Water	12/14/2015	6	40 ml VOA	HCl 4 C	Y
	277-0030	TF-34-DISCH	DRO/ORO by Method 8015, 8100	Ground Water	12/14/2015	6	1 liter amber	HCl 4 C	Y
	277-0033	AA-GW-03	GRO by Method 8015	Ground Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0036	POND DISCH	GRO by Method 8015	Surface Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0036	POND DISCH	DRO/ORO by Method 8015, 8100	Surface Water	12/14/2015	2	1 liter amber	HCl 4 C	N
	277-0037	FD-04	GRO by Method 8015	Surface Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0037	FD-04	DRO/ORO by Method 8015, 8100	Surface Water	12/14/2015	2	1 liter amber	HCl 4 C	N
	277-0038	TB-01	GRO by Method 8015	Blank	11/24/2015	2	40 ml VOA	HCl 4 C	N

Special Instructions:	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL/ANALYSIS	[signature] CM SERAS	12/15/15 12:00	[signature]	12-16-15/0930	

0000017

USEPA
DateShipped: 12/3/2015
CarrierName: FedEx
AirbillNo: 859483220432

519763

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-120315-172318-0005
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0002	LOR-06	GRO by Method 8015	Soil	12/3/2015	1	40 mL VOA	MeOH/4C	N
	277-0002	LOR-06	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N
	277-0003	LOR-12	GRO by Method 8015	Soil	12/3/2015	1	40 mL VOA	MeOH/4C	N
	277-0003	LOR-12	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N
	277-0004	LOR-09	GRO by Method 8015	Soil	12/3/2015	1	40 mL VOA	MeOH/4C	N
	277-0004	LOR-09	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N
	277-0005	FD-01	GRO by Method 8015	Soil	12/3/2015	2	40 mL VOA	MeOH/4C	N
	277-0005	FD-01	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N
	277-0001	P-04-01	GRO by Method 8015	Soil	12/3/2015	1	40 mL VOA	MeOH/4C	N
	277-0001	P-04-01	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
AU/ANALYSIS	LM SERAS	12/7/15 1630		0920 12/4/15	

000012

LOCKHEED MARTIN

Lockheed Martin Information Systems & Global Solutions (IS&GS - Civil)
Environmental Services SERAS
2890 Woodbridge Avenue, Building 209 Annex
Edison, NJ 08837-3679
Telephone: 732-321-4200, Facsimile: 732-494-4021

DATE: December 30, 2015

TO: R.Singhvi, ERTC/EPA

FROM: Misty Barkley, Analytical Support Chemist

SUBJECT: Preliminary Results of Project: Wilcox WA #0-277

Attached please find the preliminary results of the above referenced project for the following samples.

Date Received	chain of custody	No of Samples	Analysis Requested	Matrix	Lab Job No.
12/08/15	6-120815-183003-0010	13	DRO/ORO	Soil	SI9891
12/04/15	6-120315-172318-0005	5	DRO/ORO	Soil	S19763
12/14/15	6-121115-163344-0015	9	DRO/ORO	Soil	TI0036
12/16/15	6-121515-104648-0016	3	DRO/ORO	Soil	TI0109
12/16/15	6-121515-123522-0023	2	DRO/ORO	Soil	TI0109

cc: Archives
J. Patel
D. Killeen
J. McBurney
T. Kady
K. Taylor

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9763-1DL2
Client ID: 277-0002
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10180.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 07-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG175572

Analysis Date: 12-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		5200	mg/Kgdrywt	200	5	1100	250
Extended Diesel Range Organics		1200	mg/Kgdrywt	200	2.5	560	130
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9763-2DL
Client ID: 277-0003
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10181.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 07-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG175572

Analysis Date: 12-DEC-15
Analyst: AWS
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		580	mg/Kgdrywt	10	5	54.	12.
Extended Diesel Range Organics	U	27	mg/Kgdrywt	10	2.5	27.	6.4
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9763-3DL2
Client ID: 277-0004
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10182.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 07-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG175572

Analysis Date: 12-DEC-15
Analyst: AWS
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		4200	mg/Kgdrywt	100	5	560	120
Extended Diesel Range Organics		450	mg/Kgdrywt	100	2.5	280	66.
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9763-4DL
Client ID: 277-0005
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10183.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 07-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG175572

Analysis Date: 12-DEC-15
Analyst: AWS
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		2000	mg/Kgdrywt	50	5	290	64.
Extended Diesel Range Organics	U	140	mg/Kgdrywt	50	2.5	140	34.
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9763-5DL2
Client ID: 277-0001
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10184.D

Sample Date: 03-DEC-15
Received Date: 04-DEC-15
Extract Date: 07-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG175572

Analysis Date: 12-DEC-15
Analyst: AWS
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		1000	mg/Kgdrywt	100	5	590	130
Extended Diesel Range Organics		480	mg/Kgdrywt	100	2.5	290	69.
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-1DL2
Client ID: 277-0011
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10297.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		1300	mg/Kgdrywt	50	5	270	61.
Extended Diesel Range Organics		660	mg/Kgdrywt	50	2.5	140	32.
o-Terphenyl	D	0.00	%				

00 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-2DL2
Client ID: 277-0012
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10298.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		610	mg/Kgdrywt	50	5	280	62.
Extended Diesel Range Organics		140	mg/Kgdrywt	50	2.5	140	32.
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-3DL2
Client ID: 277-0013
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10264.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 16-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		3500	mg/Kgdrywt	100	5	510	110
Extended Diesel Range Organics		700	mg/Kgdrywt	100	2.5	250	60.
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-4DL
Client ID: 277-0014
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10265.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 16-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		1100	mg/Kgdrywt	50	5	250	57.
Extended Diesel Range Organics		220	mg/Kgdrywt	50	2.5	130	30.
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-5DL
Client ID: 277-0015
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10269.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 16-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 88.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		77	mg/Kgdrywt	10	5	54.	12.
Extended Diesel Range Organics		41	mg/Kgdrywt	10	2.5	27.	6.3
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-6RA
Client ID: 277-0016
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10270.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 90.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		32	mg/Kgdrywt	1	5	5.5	1.2
Extended Diesel Range Organics	J	1.9	mg/Kgdrywt	1	2.5	2.7	0.64
o-Terphenyl		58.8	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-7DL
Client ID: 277-0017
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10271.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		1000	mg/Kgdrywt	20	5	110	26.
Extended Diesel Range Organics		60	mg/Kgdrywt	20	2.5	57.	14.
o-Terphenyl	D	0.00	%				

00 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-8
Client ID: 277-0018
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10243.D

Sample Date: 08-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 16-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics	U	5.6	mg/Kgdrywt	1	5	5.6	1.2
Extended Diesel Range Organics	U	2.8	mg/Kgdrywt	1	2.5	2.8	0.66
o-Terphenyl		67.0	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-9DL
Client ID: 277-0006
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10272.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 88.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		6000	mg/Kgdrywt	200	5	1000	230
Extended Diesel Range Organics		1500	mg/Kgdrywt	200	2.5	520	120
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-10DL
Client ID: 277-0007
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10273.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		15000	mg/Kgdrywt	200	5	1100	250
Extended Diesel Range Organics	U	560	mg/Kgdrywt	200	2.5	560	130
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-11
Client ID: 277-0008
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10246.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 16-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics	J	2.4	mg/Kgdrywt	1	5	5.3	1.2
Extended Diesel Range Organics	U	2.7	mg/Kgdrywt	1	2.5	2.7	0.63
o-Terphenyl		75.1	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-12DL
Client ID: 277-0009
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10274.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		920	mg/Kgdrywt	50	5	270	62.
Extended Diesel Range Organics		250	mg/Kgdrywt	50	2.5	140	32.
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: SI9891-13DL
Client ID: 277-0010
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10275.D

Sample Date: 07-DEC-15
Received Date: 09-DEC-15
Extract Date: 11-DEC-15
Extracted By: JMS
Extraction Method: SW846 3550
Lab Prep Batch: WG175895

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		3000	mg/Kgdrywt	100	5	520	120
Extended Diesel Range Organics		500	mg/Kgdrywt	100	2.5	260	62.
o-Terphenyl	D	0.00	%				

[illegible]0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0036-1DL2
Client ID: 277-0025
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10276.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 14-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG176038

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 80.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		20000	mg/Kgdrywt	500	5	6100	1400
Extended Diesel Range Organics		5500	mg/Kgdrywt	500	2.5	3000	720
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0036-2DL2
Client ID: 277-0026
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10277.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 14-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG176038

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		6000	mg/Kgdrywt	100	5	1100	240
Extended Diesel Range Organics		630	mg/Kgdrywt	100	2.5	540	130
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0036-3DL2
Client ID: 277-0027
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10278.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 14-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG176038

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		3600	mg/Kgdrywt	100	5	560	120
Extended Diesel Range Organics		420	mg/Kgdrywt	100	2.5	280	66.
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0036-4DL2
Client ID: 277-0028
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10292.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 14-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG176038

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		430	mg/Kgdrywt	10	5	56.	12.
Extended Diesel Range Organics	U	28	mg/Kgdrywt	10	2.5	28.	6.6
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0036-5
Client ID: 277-0029
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10257.D

Sample Date: 11-DEC-15
Received Date: 12-DEC-15
Extract Date: 14-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG176038

Analysis Date: 16-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 85.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics	U	5.8	mg/Kgdrywt	1	5	5.8	1.3
Extended Diesel Range Organics	U	2.9	mg/Kgdrywt	1	2.5	2.9	0.68
o-Terphenyl		42.3	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0036-6
Client ID: 277-0019
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10258.D

Sample Date: 09-DEC-15
Received Date: 12-DEC-15
Extract Date: 14-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG176038

Analysis Date: 16-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 86.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics	U	5.6	mg/Kgdrywt	1	5	5.6	1.2
Extended Diesel Range Organics	U	2.8	mg/Kgdrywt	1	2.5	2.8	0.66
o-Terphenyl		71.2	%				

00 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0036-7DL2
Client ID: 277-0021
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10299.D

Sample Date: 10-DEC-15
Received Date: 12-DEC-15
Extract Date: 14-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG176038

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 87.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		300	mg/Kgdrywt	10	5	56.	12.
Extended Diesel Range Organics		89	mg/Kgdrywt	10	2.5	28.	6.6
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0036-8
Client ID: 277-0022
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10260.D

Sample Date: 10-DEC-15
Received Date: 12-DEC-15
Extract Date: 14-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG176038

Analysis Date: 16-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 83.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		33	mg/Kgdrywt	1	5	5.5	1.2
Extended Diesel Range Organics	U	2.8	mg/Kgdrywt	1	2.5	2.8	0.65
o-Terphenyl		70.7	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029
http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0036-9DL2
Client ID: 277-0024
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10300.D

Sample Date: 10-DEC-15
Received Date: 12-DEC-15
Extract Date: 14-DEC-15
Extracted By: HG
Extraction Method: SW846 3550
Lab Prep Batch: WG176038

Analysis Date: 17-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: SL
% Solids: 81.
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		12000	mg/Kgdrywt	500	5	3000	680
Extended Diesel Range Organics		3200	mg/Kgdrywt	500	2.5	1500	360
o-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0109-1DL2
Client ID: 277-0034
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10384.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 17-DEC-15
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG176215

Analysis Date: 23-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		10000	ug/L	10	50	480	91.
Extended Diesel Range Organics		1700	ug/L	10	25	240	81.
O-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0109-2DL
Client ID: 277-0035
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10335.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 17-DEC-15
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG176215

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		180000	ug/L	100	50	4700	900
Extended Diesel Range Organics		23000	ug/L	100	25	2400	790
O-Terphenyl	D	0.00	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0109-3
Client ID: 277-0030
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10336.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 17-DEC-15
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG176215

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		160	ug/L	1	50	50.	9.5
Extended Diesel Range Organics		40.	ug/L	1	25	25.	8.4
O-Terphenyl		78.0	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0109-4
Client ID: 277-0036
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10337.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 17-DEC-15
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG176215

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		120	ug/L	1	50	47.	9.0
Extended Diesel Range Organics		40.	ug/L	1	25	24.	7.9
O-Terphenyl		64.6	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Lockheed Martin Technology
Lab ID: TI0109-5
Client ID: 277-0037
Project: Lockheed Martin SERAS Proj
SDG: 0277-1
Lab File ID: AIL10341.D

Sample Date: 14-DEC-15
Received Date: 16-DEC-15
Extract Date: 17-DEC-15
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG176215

Analysis Date: 21-DEC-15
Analyst: JLP
Analysis Method: SW846 8015D
Matrix: AQ
% Solids: NA
Report Date: 28-DEC-15

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Diesel Range Organics		87.	ug/L	1	50	47.	9.0
Extended Diesel Range Organics		26.	ug/L	1	25	24.	7.9
O-Terphenyl		74.1	%				

0 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

USEPA
DateShipped: 12/15/2015
CarrierName: FedEx
AirbillNo: 859483220204

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-121515-104648-0016
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

T10109/T10110

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0030	TF-34-DISCH	GRO by Method 8015	Ground Water	12/14/2015	6	40 ml VOA	HCl 4 C	Y
	277-0030	TF-34-DISCH	DRO/ORO by Method 8015, 8100	Ground Water	12/14/2015	6	1 liter amber	HCl 4 C	Y
	277-0033	AA-GW-03	GRO by Method 8015	Ground Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0036	POND DISCH	GRO by Method 8015	Surface Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0036	POND DISCH	DRO/ORO by Method 8015, 8100	Surface Water	12/14/2015	2	1 liter amber	HCl 4 C	N
	277-0037	FD-04	GRO by Method 8015	Surface Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0037	FD-04	DRO/ORO by Method 8015, 8100	Surface Water	12/14/2015	2	1 liter amber	HCl 4 C	N
	277-0038	TB-01	GRO by Method 8015	Blank	11/24/2015	2	40 ml VOA	HCl 4 C	N

Special Instructions:	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
AU/ANALYSIS	[signature] CM SERAS	12/15/15 12:00	[signature]	12-16-15/0930	

0000016

USEPA
DateShipped: 12/3/2015
CarrierName: FedEx
AirbillNo: 859483220432

519763

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-120315-172318-0005
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0002	LOR-06	GRO by Method 8015	Soil	12/3/2015	1	40 mL VOA	MeOH/4C	N
	277-0002	LOR-06	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N
	277-0003	LOR-12	GRO by Method 8015	Soil	12/3/2015	1	40 mL VOA	MeOH/4C	N
	277-0003	LOR-12	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N
	277-0004	LOR-09	GRO by Method 8015	Soil	12/3/2015	1	40 mL VOA	MeOH/4C	N
	277-0004	LOR-09	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N
	277-0005	FD-01	GRO by Method 8015	Soil	12/3/2015	2	40 mL VOA	MeOH/4C	N
	277-0005	FD-01	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N
	277-0001	P-04-01	GRO by Method 8015	Soil	12/3/2015	1	40 mL VOA	MeOH/4C	N
	277-0001	P-04-01	DRO/ORO by Method 8015, 8100	Soil	12/3/2015	1	4 oz Jar	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
AU/ANALYSIS	LM SORAS	12/3/15 1630		0920 12/4/15	

000011

USEPA
DateShipped: 12/8/2015
CarrierName: FedEx
AirbillNo: 859483220064

519891

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-120815-183003-0010
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0011	TF-11-05	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0011	TF-11-05	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0012	TF-12-01	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0012	TF-12-01	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0013	TF-12-05	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0013	TF-12-05	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0014	FD-02	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0014	FD-02	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0015	TF-12-06	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0015	TF-12-06	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0016	WIL-20	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0016	WIL-20	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0017	WIL-35	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0017	WIL-35	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0018	WIL-14	GRO by Method 8015	Soil	12/8/2015	2	40 mL VOA	MeOH/4C	N
	277-0018	WIL-14	DRO/ORO by Method 8015, 8100	Soil	12/8/2015	1	4 oz Jar	4 C	N
	277-0006	WIL-30	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N
	277-0006	WIL-30	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N
	277-0007	WIL-29	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N

Special Instructions:	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL/ANALYSIS	LMSBRAS	12/8/15 1730		0950 12/9/15	

00001

USEPA
DateShipped: 12/8/2015
CarrierName: FedEx
AirbillNo: 859483220064

519891

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-120815-183003-0010
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0007	WIL-29	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N
	277-0008	WIL-05	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N
	277-0008	WIL-05	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N
	277-0009	WIL-25	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N
	277-0009	WIL-25	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N
	277-0010	TF-11-03	GRO by Method 8015	Soil	12/7/2015	2	40 mL VOA	MeOH/4C	N
	277-0010	TF-11-03	DRO/ORO by Method 8015, 8100	Soil	12/7/2015	1	4 oz Jar	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL/ANALYSIS	LM SERAS	12/8/15 1730		0950 12/9/15	

000013

USEPA
DateShipped: 12/11/2015
CarrierName: FedEx
AirbillNo: 859483220307

T10036/T10037

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-121115-163344-0015
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0025	TF-34-01	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0025	TF-34-01	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0026	LOR-18	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0026	LOR-18	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0027	FD-03	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0027	FD-03	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0028	LOR-25A	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0028	LOR-25A	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0029	LOR-25A	GRO by Method 8015	Soil	12/11/2015	2	40 mL VOA	MeOH/4C	N
	277-0029	LOR-25A	DRO/ORO by Method 8015, 8100	Soil	12/11/2015	1	4 oz Jar	4 C	N
	277-0019	P-03-SAND	GRO by Method 8015	Soil	12/9/2015	2	40 mL VOA	MeOH/4C	N
	277-0019	P-03-SAND	DRO/ORO by Method 8015, 8100	Soil	12/9/2015	1	4 oz Jar	4 C	N
	277-0021	WIL-AA-10	GRO by Method 8015	Soil	12/10/2015	2	40 mL VOA	MeOH/4C	N
	277-0021	WIL-AA-10	DRO/ORO by Method 8015, 8100	Soil	12/10/2015	1	4 oz Jar	4 C	N
	277-0022	WIL-AA-11	GRO by Method 8015	Soil	12/10/2015	2	40 mL VOA	MeOH/4C	N
	277-0022	WIL-AA-11	DRO/ORO by Method 8015, 8100	Soil	12/10/2015	1	4 oz Jar	4 C	N
	277-0024	WIL-41	GRO by Method 8015	Soil	12/10/2015	2	40 mL VOA	MeOH/4C	N
	277-0024	WIL-41	DRO/ORO by Method 8015, 8100	Soil	12/10/2015	1	4 oz Jar	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL ANALYSIS	LM SOERAS	12/11/15 15:40	FedEx		
	FedEx		[illegible], Katahdin	12/12/15 09:05	

000004

USEPA
DateShipped: 12/15/2015
CarrierName: FedEx
AirbillNo: 859483220189

CHAIN OF CUSTODY RECORD
Site #: 277
Contact Name: Misty Barkley
Contact Phone: 732-321-4200

No: 6-121515-123522-0023
Cooler #:
Lab: Katahdin Laboratory
Lab Phone: 207-874-2400

TI 0109/TI0110

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	277-0034	TF-34-01	GRO by Method 8015	Ground Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0034	TF-34-01	DRO/ORO by Method 8015, 8100	Ground Water	12/14/2015	2	1 liter amber	HCl 4 C	N
	277-0035	LOR-18	GRO by Method 8015	Ground Water	12/14/2015	2	40 ml VOA	HCl 4 C	N
	277-0035	LOR-18	DRO/ORO by Method 8015, 8100	Ground Water	12/14/2015	2	1 liter amber	HCl 4 C	N
	277-0043	TB-06	GRO by Method 8015	Blank	12/15/2015	4	40 ml VOA	HCl 4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Analysis	LMSERAS	12/15/15 12:30		12-16-15/0930	

5100015

Site in Sec 20&29-16N-9E
Creek County
1"= 660' 8/19/1941
330
660
1,320
Feet
N
©AERIAL OKLAHOMA
(405) 840-8977

Site in Sec 20&29-16N-9E
Creek County
1"= 660' 7/8/1956
330
660
1,320
Feet
N
©AERIAL OKLAHOMA
(405) 840-8977

APPENDIX O

Test Pit Field Notes

Collected by George Prince, USEPA/ERT

September 23, 2015

Wilcox Oil Company Superfund Site

9/23/15 Wilcox/Lorraine

Test Pits

TP#1 96° 22' 40.610" W TANK 8
35°50 23.835" N

0- 1.7' Overburden Medy ORANGE SAND
1.7-4.0' Weathered Rock HARD

TP-2

NO ODOR - Trace Oil TANK 8

0-3' Brown Silty SAND
3.4-6.6 ~~3-3.4~~' Mottled Org. Brown Clay

TP-3 35° 50' 26.899" N
Faint Undefined ODOR 96° 22' 40.937 W TANK
0-1' Brown Clayey SAND
1'-2.3' ~~Hard Grey Clay~~ O.B. ~~SAN~~ Silty Clay
>2.3 Very Hard Grey Clay

TP4 35°50' 26.996' N NO ODOR
96° 22' 42.665 W
0-3.7 OR. Brown SANDY CLAY (Some Friable SANDSTONE)
>3.7 Grey SANDSTONE or Rock

NO ODOR 35° 50° 25.336 N
96° 22° 47.595 W
0-1.5' Brown ORG Fine SAND
1.5'-6.1' ~~Grey SANDSTONE Hard~~
→ ORG. Brown SANDY CLAY
>6.1 Grey SANDSTONE HARD

TP-5 Near SW Corner Settling Pond Fence
35° 50 27.569 N
96 22 46.098 W

0-1.8' Brown Med SAND
5.4 Mottled O.B. SANDY CLAY Hard
>5.4 Grey HARD Fine Sandy Clay

@ 2.2' Black Line (TAR ??) Fe layer

TP 6 ≈ ℄ Fence around Settling Areas
35 50 28.387 N
96 22 46.120 W
0-0.4-1.0' Limited TAR/Oil Below Grass
0.4-1.8 Brown Organic SAND
1.8 3.6 Mottled DK Grey Orange Brown SAND
>3.6-74.5 HARD Lt Grey SAND STONE

TP-7 Tank 7 S

35° 50' 31.383" N

96° 22' 51.894" W

0-1.0 Brown SAND
1.0-2.0' O.B mottled SANDY clay
5.5' Layer mottled Gray SANDY CLAY
> 5.5' Hard Grey clay

TP-8 TANK 7 N

35° 50' 32.860" N

96° 22' 52.978 W

0-2.0' Brow Med SAND
2-3.5' mottled O.B. Clay
3.5-7.0 lt. Gray O.B Clay mottled
7.0-7.4 lt. Gray SANDY CLAY HARD
NOT as Hard as Prev. Soil Clay

4.0' WATER Entering hole

TP-9 S. END H-Line

0-2 Brown SAND
2-5' O.B. SAND Some Clay
5-7.5 mottled O.B. Grey Clay SANDY Not Hard
> 7.5 Harder Gray Sandy clay

35 50 21.320 N

96 22 48.766 W

TP-10 35 50 21.069 N S. END Line F

96 22 51.243 W

Hole is DAMP

0-2.5 Brown SAND
2.5-9.5' Soft mottled Sandy Clay orange brown

TP-11 Line D Hole is DAMP

9.5'

35 50 22.041 N

96 22 54.349 W

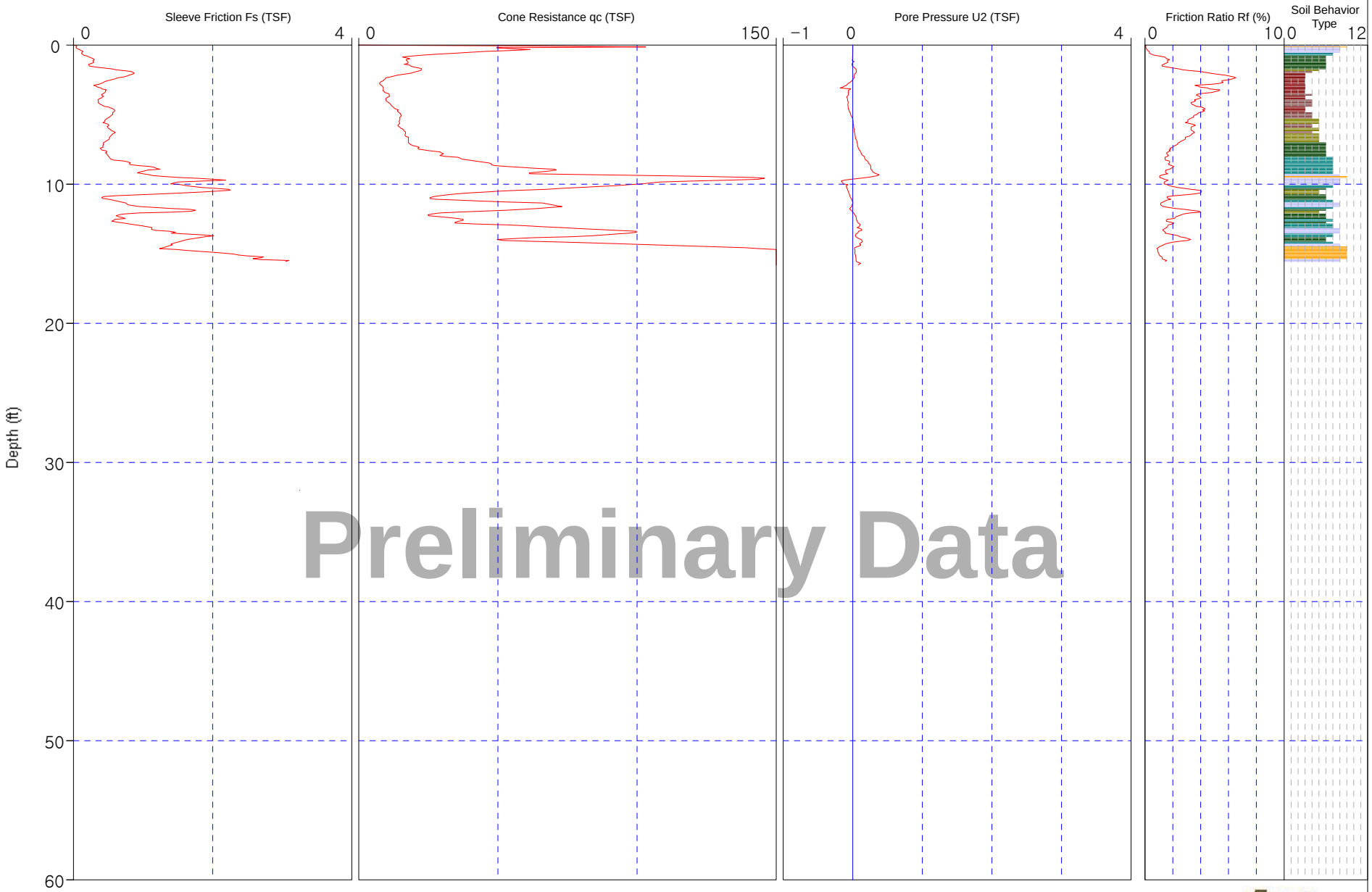
0-0.8 Brown Agri. SAND } Black ORG. soil
0.8-3.5' Grey Clayey Fine SAND } moist Silt
3.5-9.5' O.B. Sandy Clay

Appendix P
CPT Logs
Wilcox Oil Company Site

Table of Contents

LOR-01 2
LOR-02 3
LOR-03 4
LOR-04 5
LOR-05 6
LOR-06 7
LOR-07 8
LOR-08 9
LOR-09 10
LOR-10 11
LOR-11 12
LOR-12 13
LOR-13 14
LOR-14 15

Job Number:	04.1915-0079	**CPT Number:**	LOR-01	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	01-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

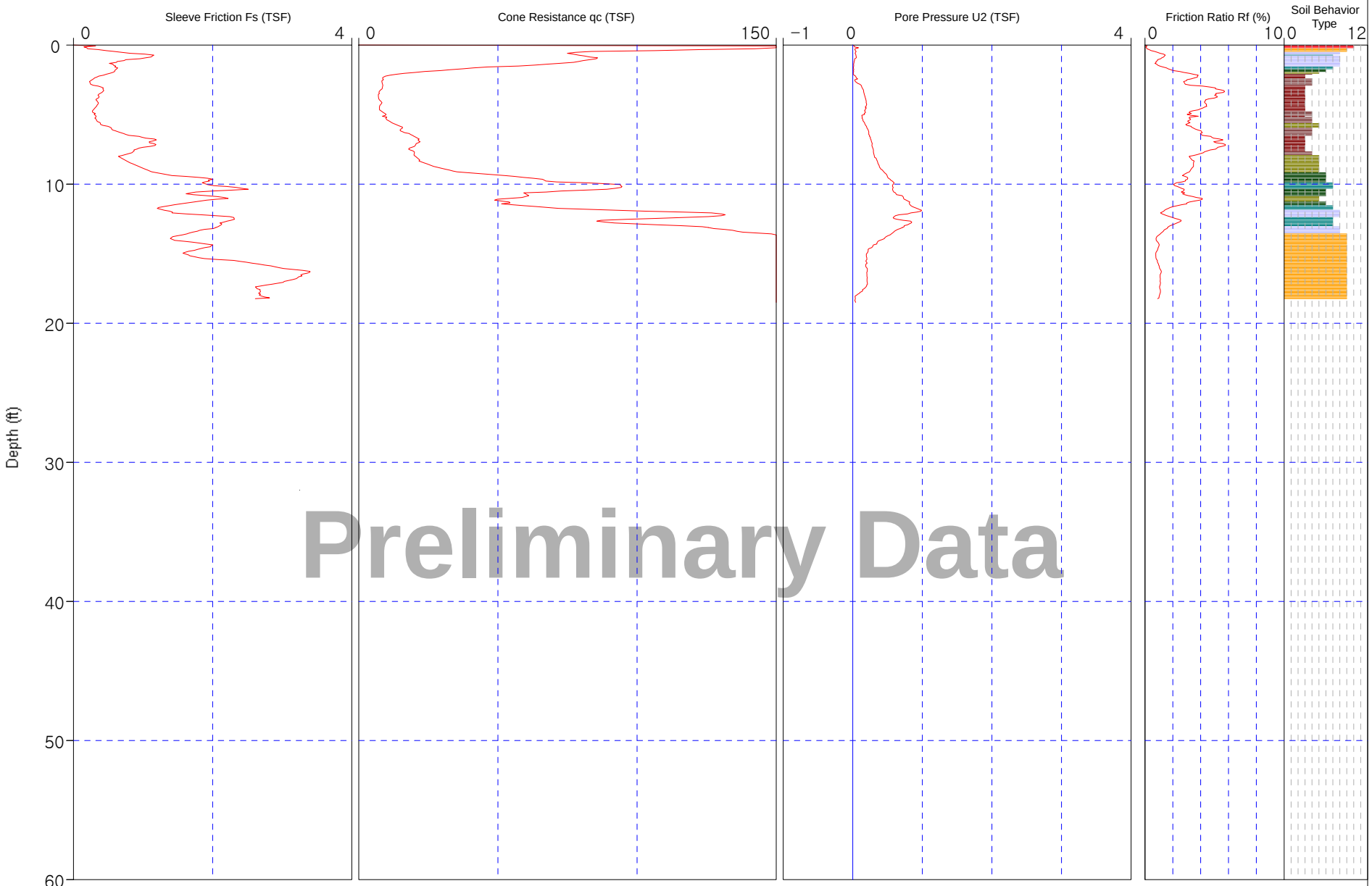
Robertson et al. 1986 *Overconsolidated or Cemented

Job Number:	04.1915-0079	**CPT Number:**	LOR-02	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	01-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		

(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

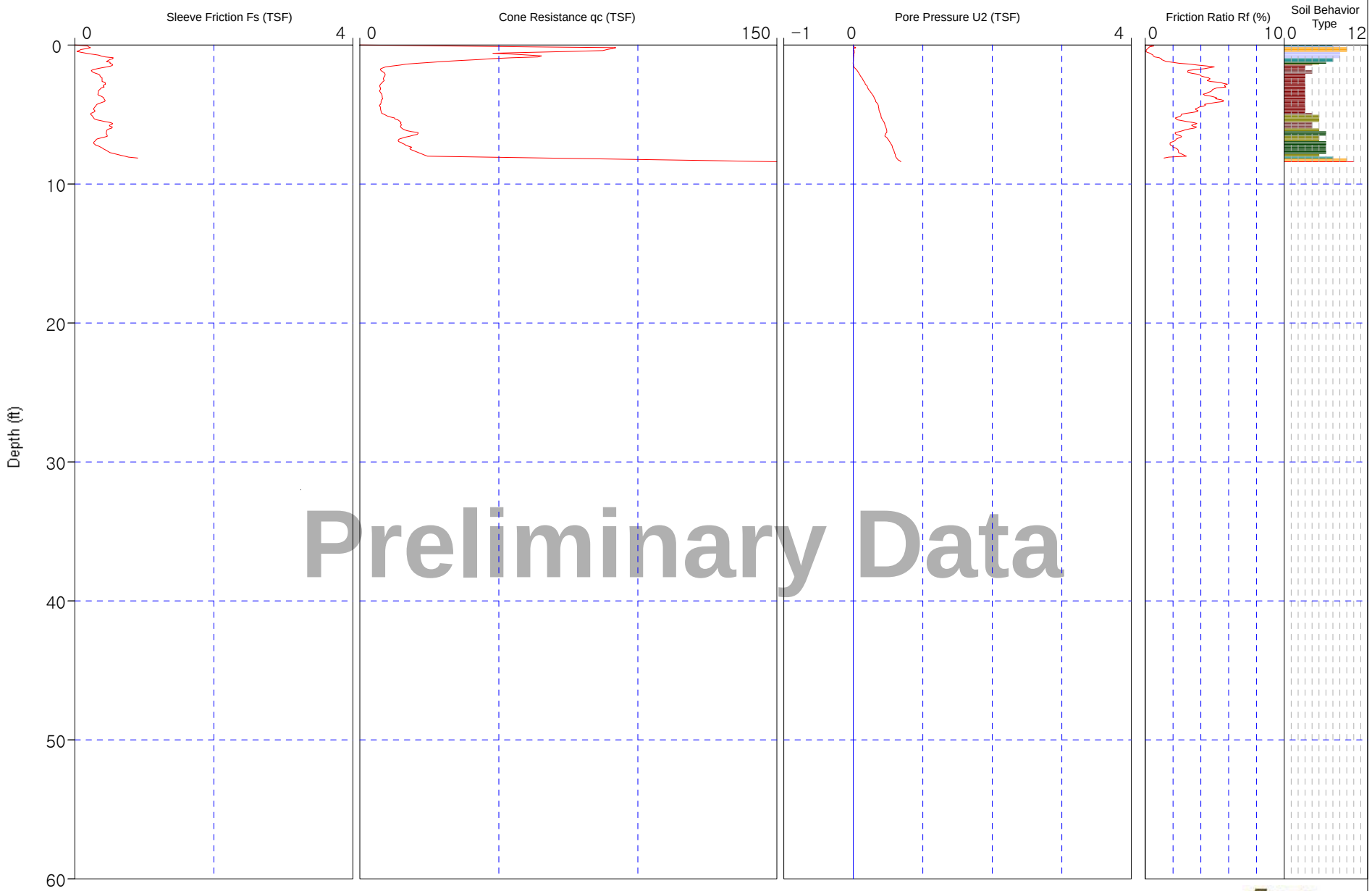
Job Number:	04.1915-0079	**CPT Number:**	LOR-03	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	01-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

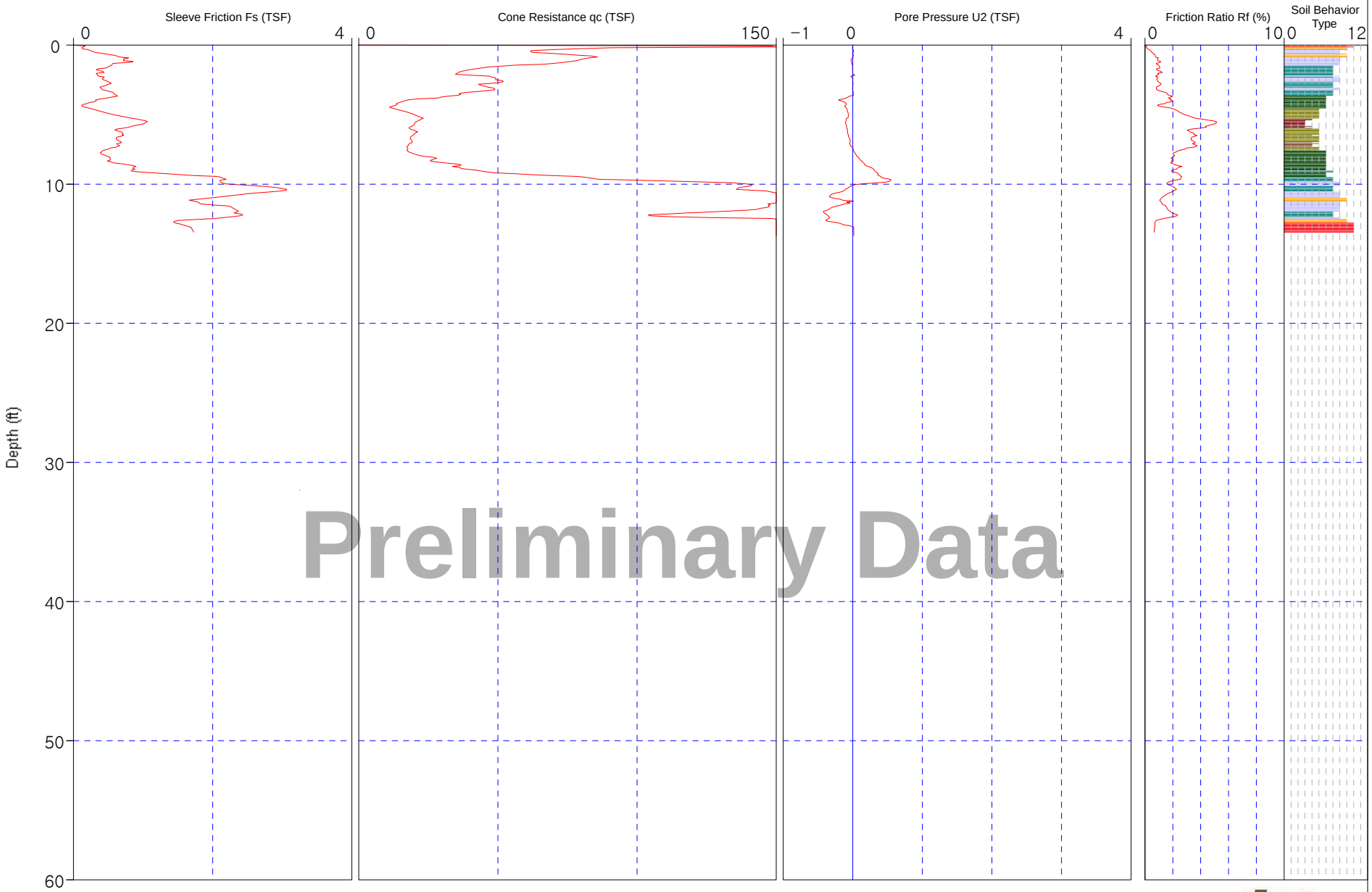
Job Number:	04.1915-0079	**CPT Number:**	LOR-04	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	01-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

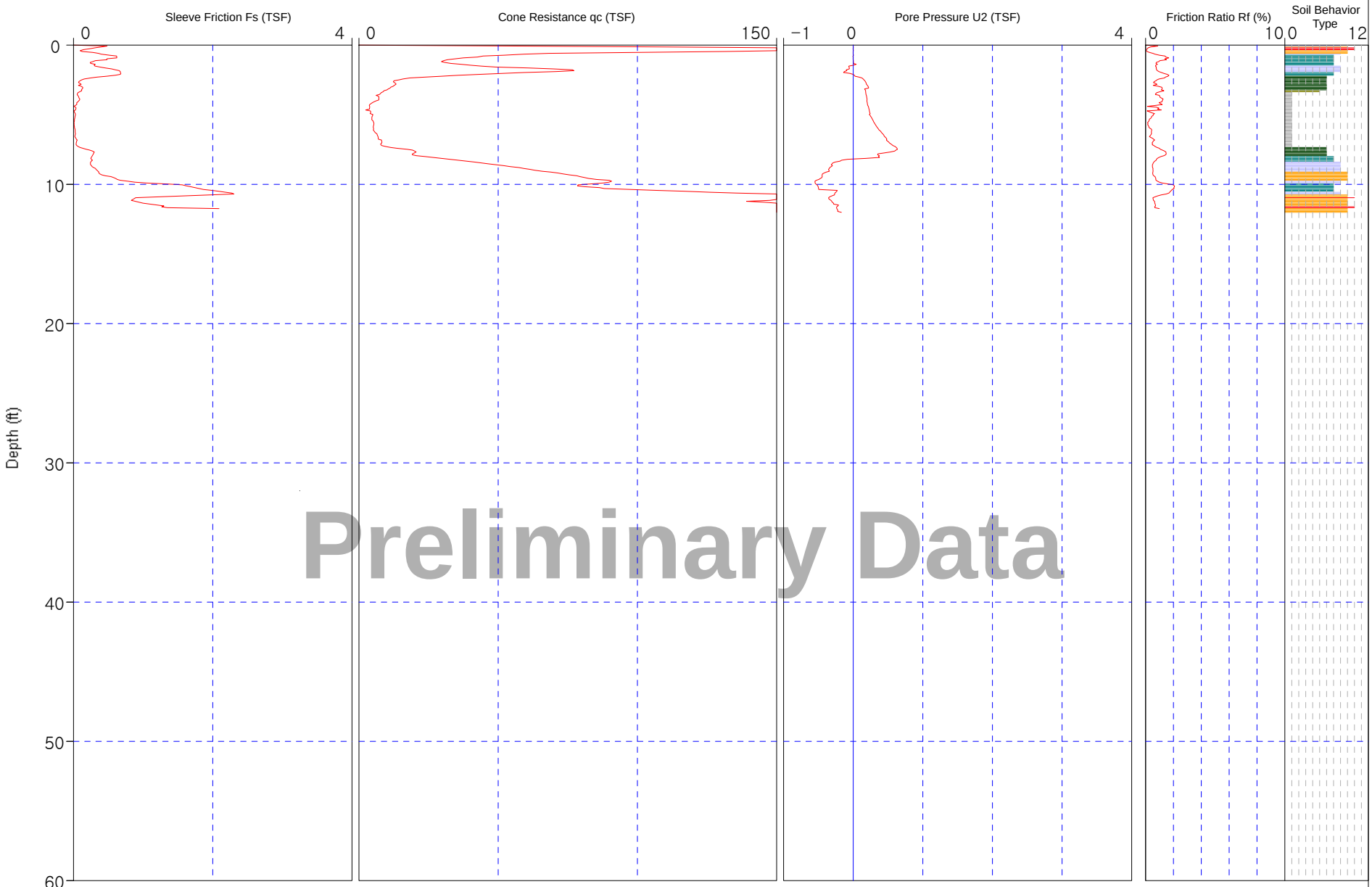
Job Number:	04.1915-0079	**CPT Number:**	LOR-05	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	02-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

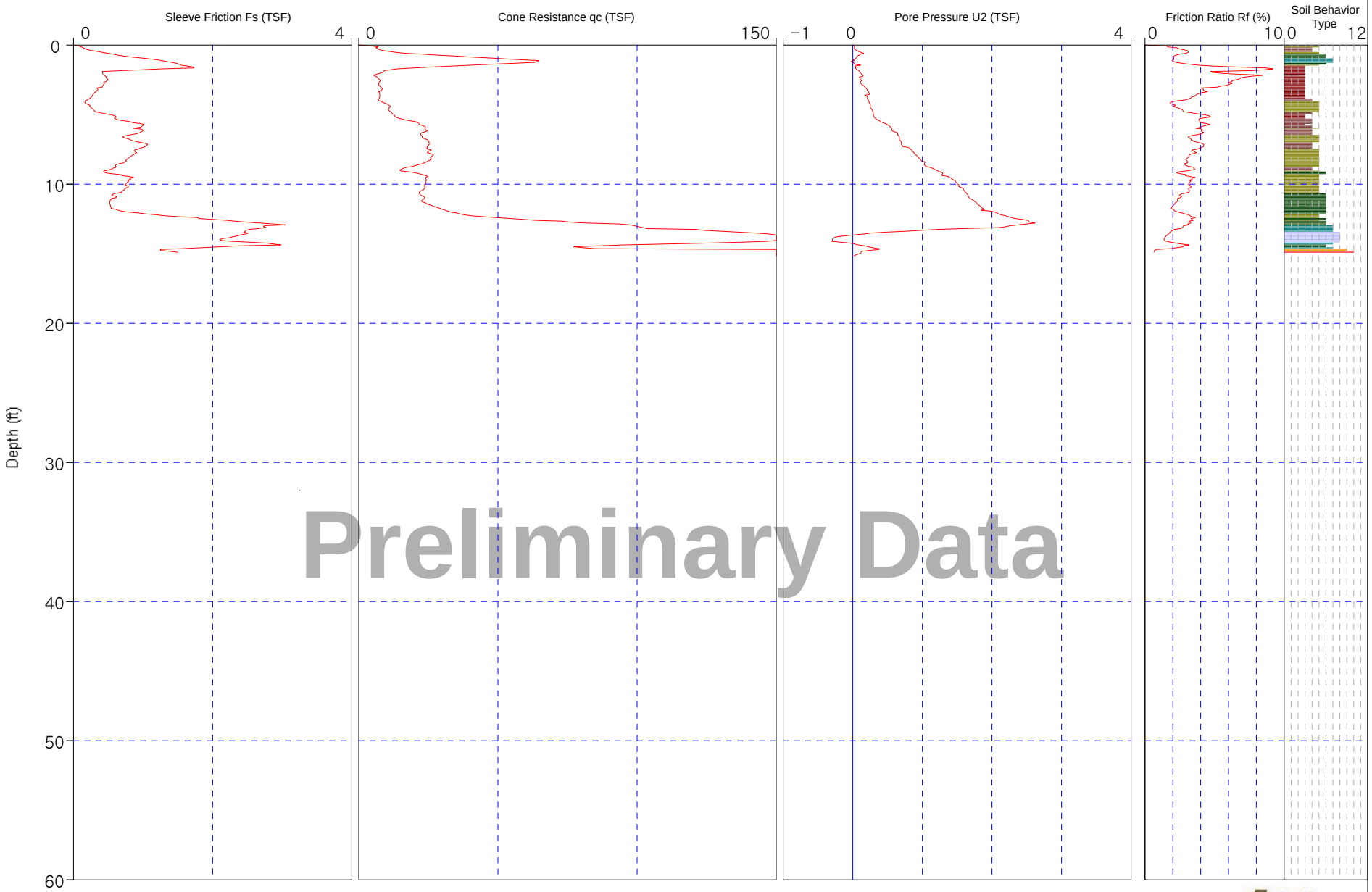
Job Number:	04.1915-0079	**CPT Number:**	LOR-06	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	02-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

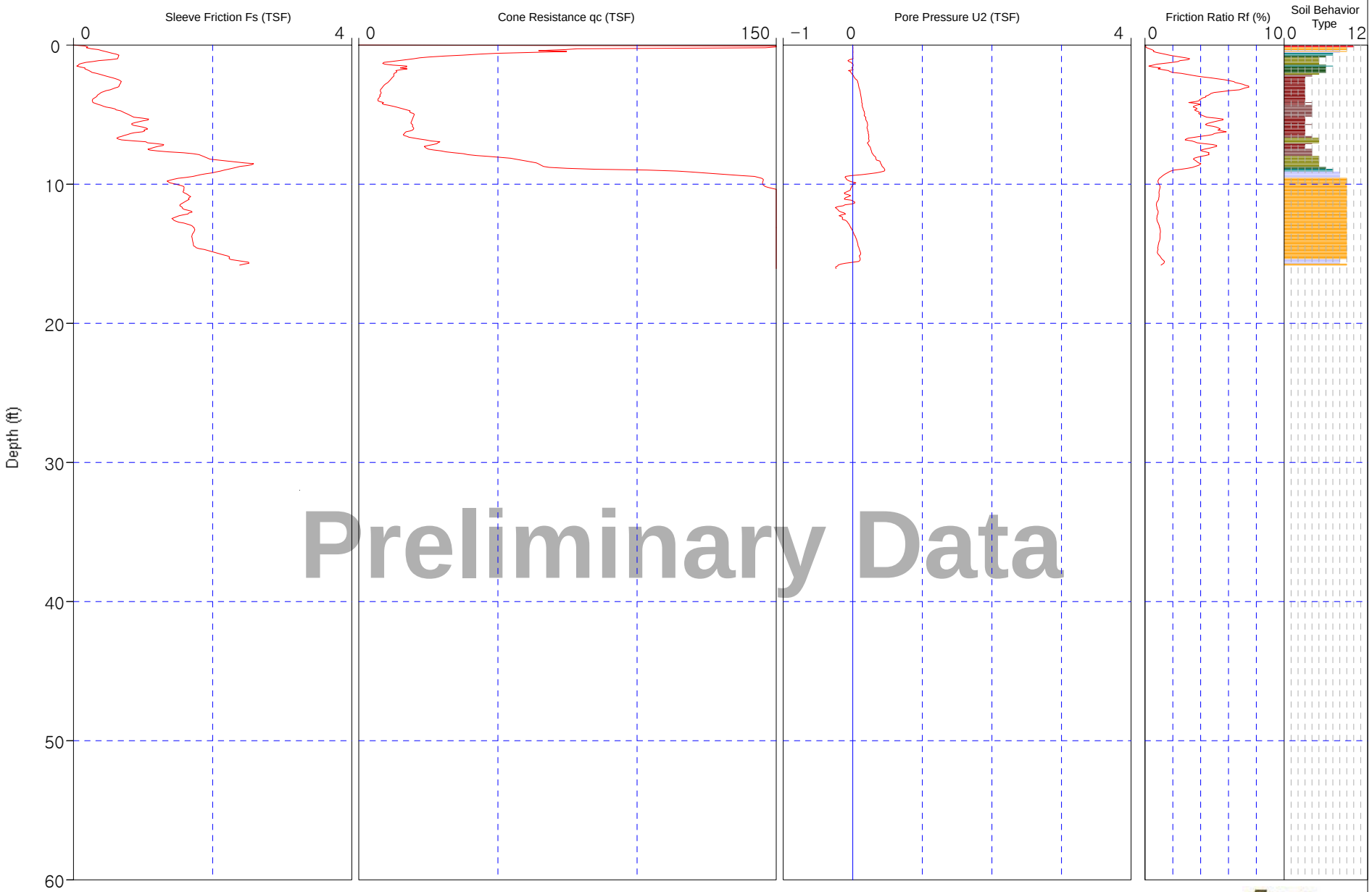
Job Number:	04.1915-0079	**CPT Number:**	LOR-07	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	02-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

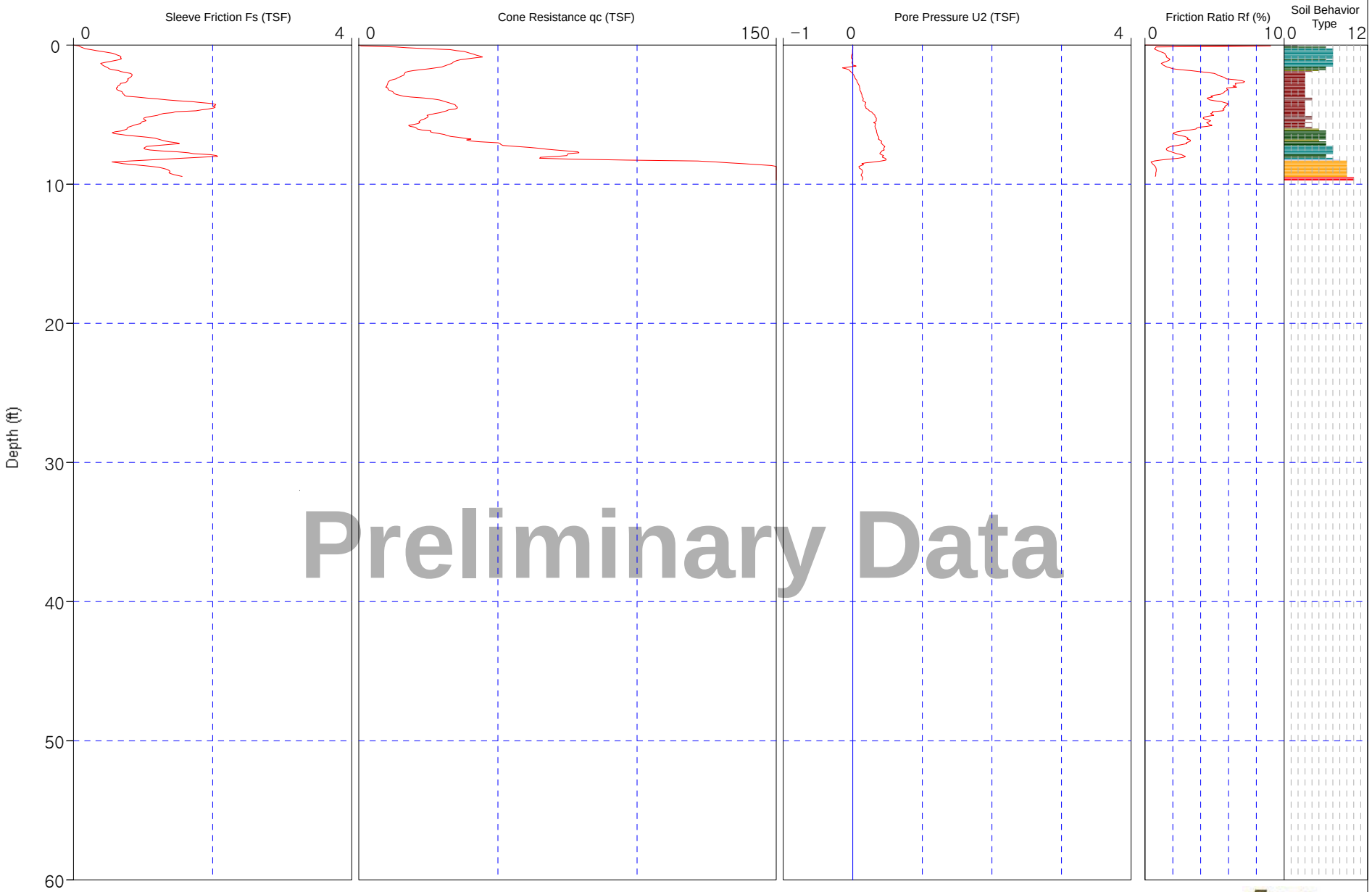
Job Number:	04.1915-0079	**CPT Number:**	LOR-08	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	02-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

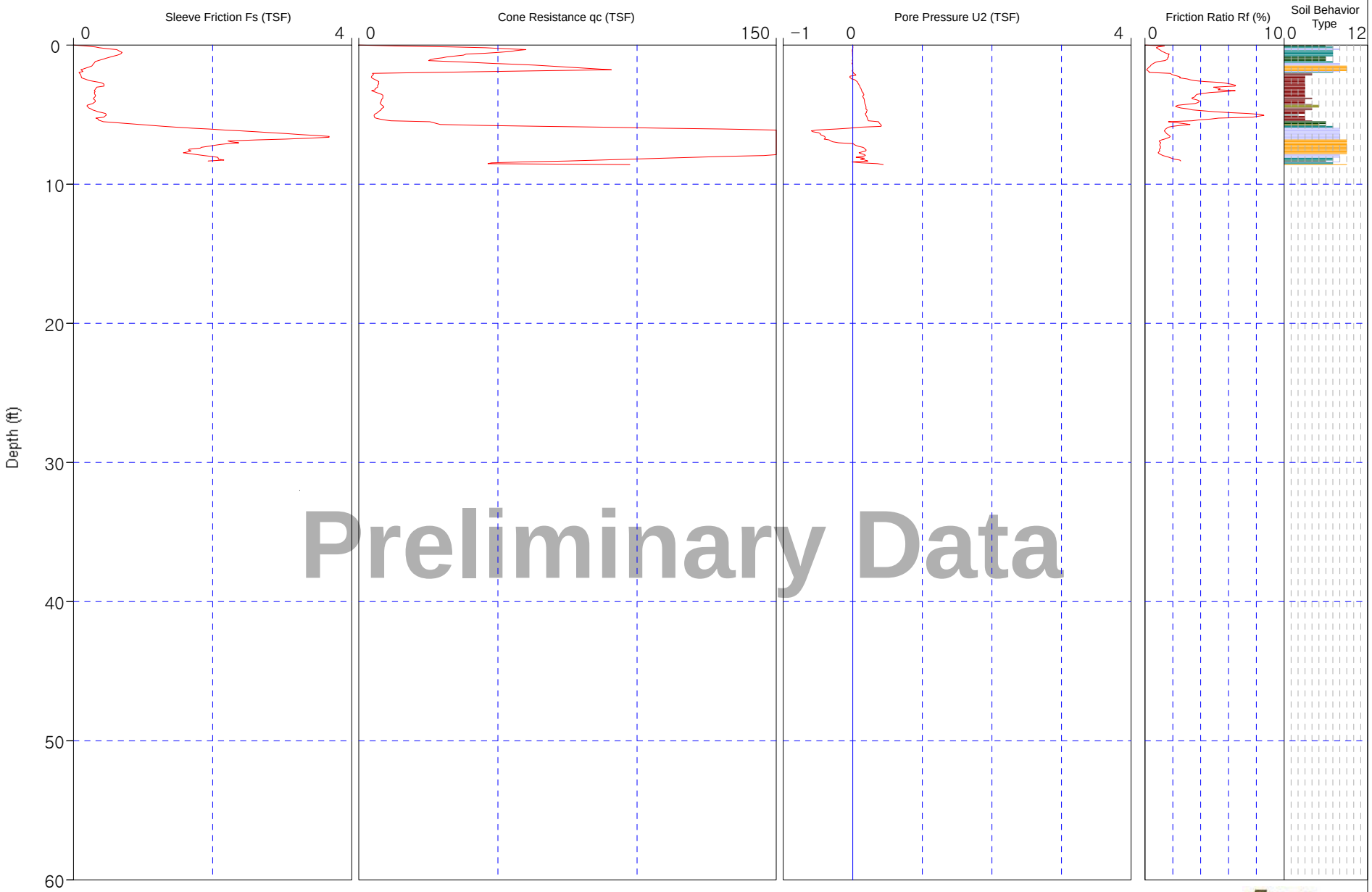
Job Number:	04.1915-0079	**CPT Number:**	LOR-09	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	02-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

Job Number:	04.1915-0079	**CPT Number:**	LOR-10	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	02-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

Job Number:	04.1915-0079	**CPT Number:**	LOR-11	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	02-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		

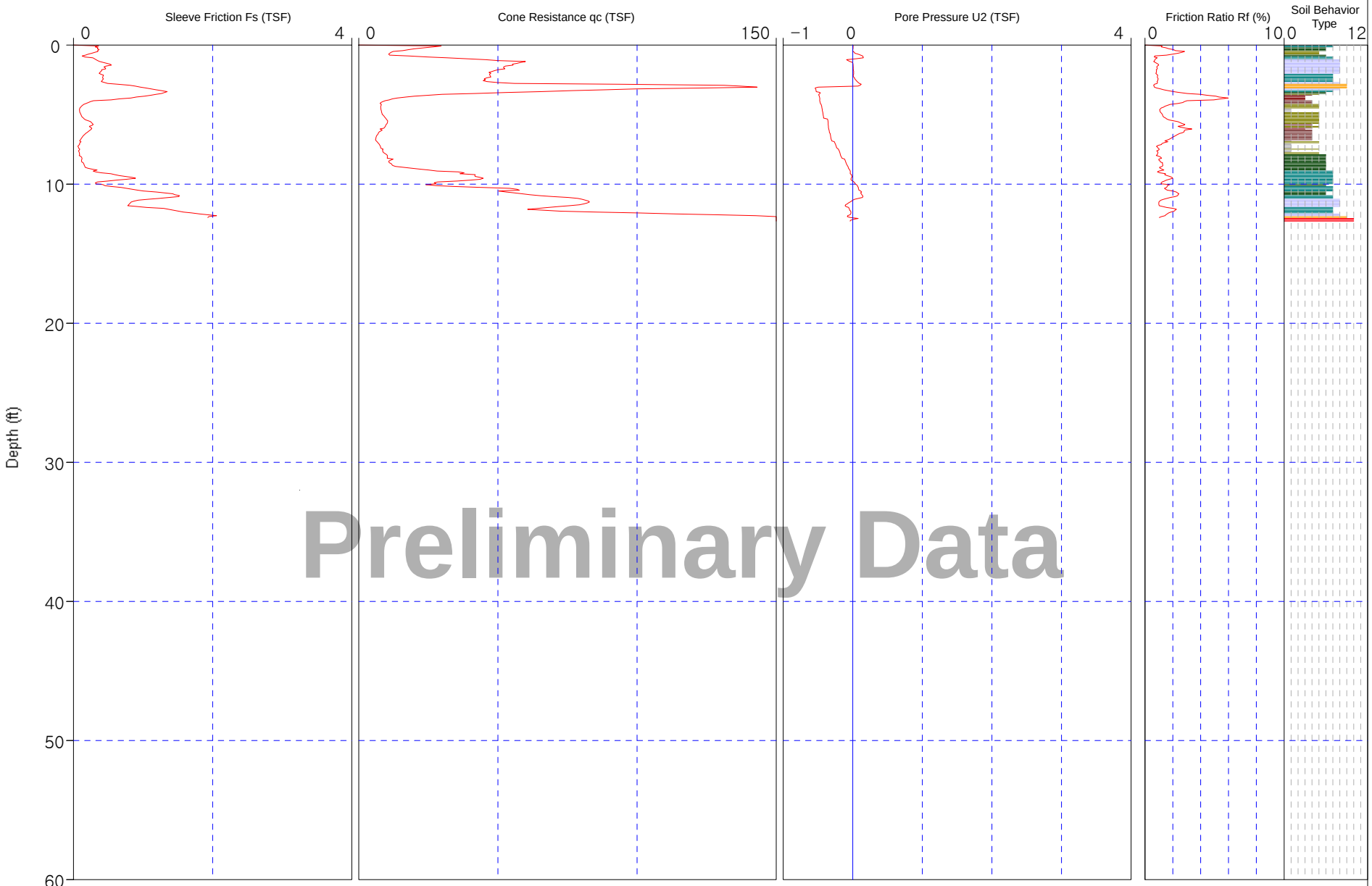
(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

Job Number: 04.1915-0079
Operator: Mitchell Parras
Location: Bristow, OK

CPT Number: LOR-12
Date: 02-Dec-2015
Elevation: 0.00

Coordinates:
Cone Number: CP15-CF75PB7SN2-P1E1 2859



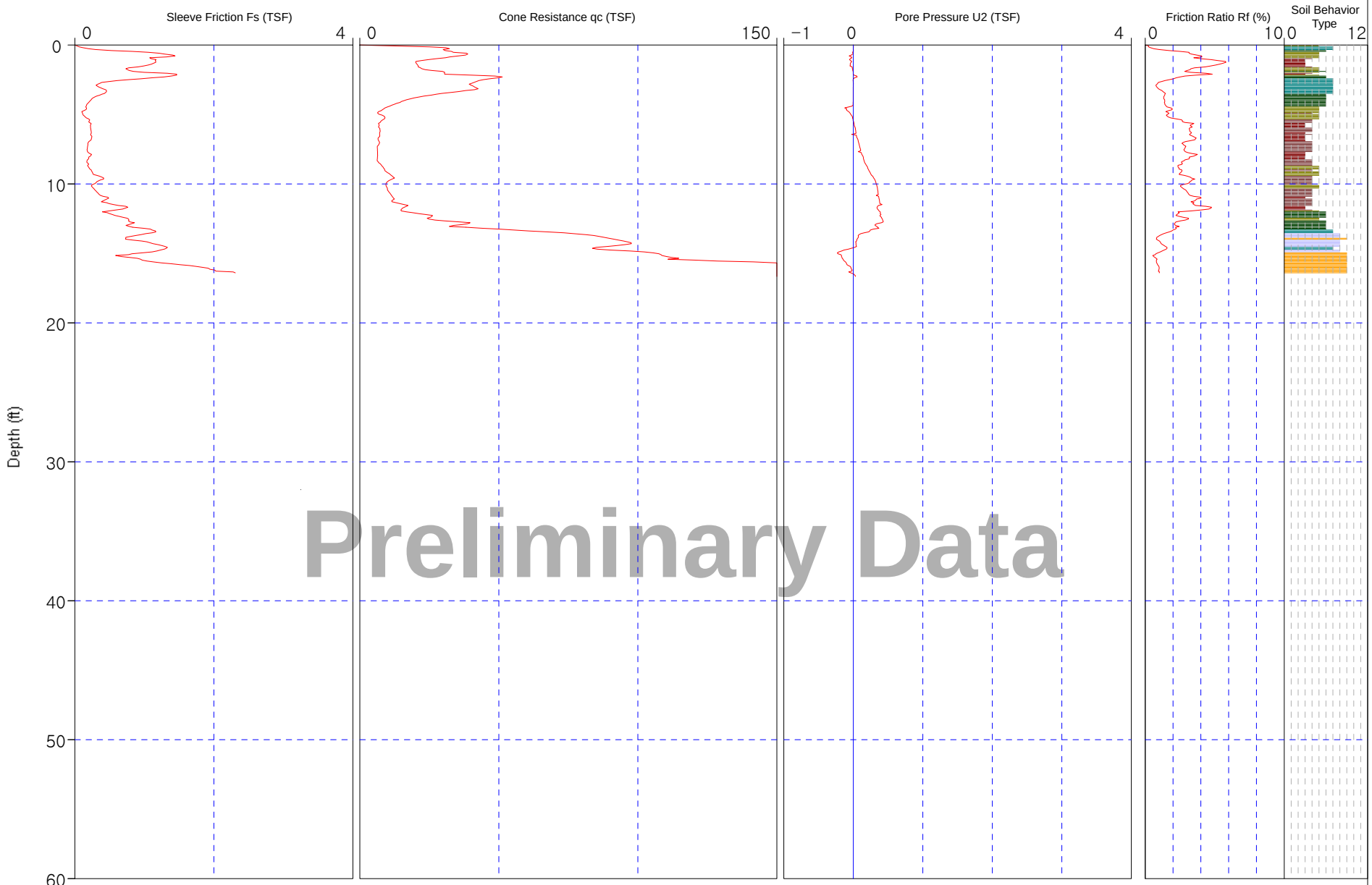
(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

Job Number: 04.1915-0079
Operator: Mitchell Parras
Location: Bristow,Oklahoma

CPT Number: LOR-13
Date: 03-Dec-2015
Elevation: 0.00

Coordinates:
Cone Number: CP15-CF75PB7SN2-P1E1 2859



(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented

Job Number:	04.1915-0079	**CPT Number:**	LOR-14	**Coordinates:**	
Operator:	Mitchell Parras	**Date:**	03-Dec-2015	**Cone Number:**	CP15-CF75PB7SN2-P1E1 2859
Location:	Bristow, OK	**Elevation:**	0.00		

(1) sensitive fine grained (OL-CH)
(2) organic material (OL-OH)
(3) clay (CH)
(4) silty clay to clay (CL-CH)
(5) clayey silt to silty clay (MH-CL)
(6) sandy silt to clayey silt (ML-MH)
(7) silty sand to sandy silt (SM-ML)
(8) sand to silty sand (SM-SP)
(9) sand (SW-SP)
(10) gravel to gravelly sand (SW-GW)
(11) very stiff fine grained* (CH-CL)
(12) sand to clayey sand* (SC-SM)

Robertson et al. 1986 *Overconsolidated or Cemented