Pit-Bench-Pattern #
D-17-3

Submittal Date
4/19/91 11:06A

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 4/22/91

NAME: KW

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	292		.011	25.	Standard ✓		.014
2.	332	.028	.015	26.	1001		.003 0.023 FROM R91-740
3.	333	.046	.019	27.			
4.	372	.022	.016	28.			
5.	373		.014	29.			
6.	374	.040	.027	30.			
7.	✓7		.030	31.			
8.	Standard ✓		.015	32.			
9.	412	.020	.019	33.			
10.	413		.012	34.			
11.	414	.036	.017	35.			
12.	452		.008	36.			
13.	453		.013	37.			
14.	454		.012	38.			
15.	492		.011	39.			
16.				40.			
17.				41.			
18.	493-1	.018	.014	42.	Standard ✓		
19.	493-2		.014	43.			
20.	494	.026	.019	44.			
21.	532		.011	45.			
22.	533	.023	.014	46.			
23.	534	.030	.027	47.			
24.	1002		.009	48.			

~~1001~~ ~~0~~ 2

95

Pit-Bench-Pattern #
D-17-3

Submittal Date
4-11-91 9:58A

BLAST HOLE

Hot HoCN Shake
and
FIRE DETERMINATIONS

DATE: 4-12-91

NAME: TS

(1)

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.	3		.008	25.	Standard ✓		.014
2.	43		.012	26.	243	.027	.023
3.	44		.011	27.	244	.037	.027
4.	45	.078	.025	28.	245	.042	.038
5.	83	.034	.027	29.	✓7		.030
6.	84	.050 ~~.037~~	.028	30.	246	.027	.025
7.	85		.018	31.	282	.019	.014
8.	Standard ✓		.016	32.	283	.027	.019
9.	86	.028	.026	33.	[redacted]		
10.	123		.009	34.	[redacted]		
11.	124	.037	.023	35.	284	.029	.020
12.	125	.281	.072	36.	285	.040	.037
13.	126	.036	.021	37.	286	.074	.065
14.	163	.029	.017	38.	323	.011	.011
15.	164		.004	39.	324	.020	.023
16.	[redacted]			40.	325		.015
17.	[redacted]			41.	326		.011
18.	165		.023	42.	Standard ✓		.014
19.	166	.027	.018	43.	363		.040
20.	203	.023	.019	44.	364	.015	.015
21.	204	.033	.026	45.	365		.004
22.	205-1	.036	.026	46.	366		.006
23.	205-2		.026	47.	402		.009
24.	206	.023	.019	48.	403	.034	.025

Rerun FA .084 → 12.

TS

Pit-Bench-Pattern #
D-17-3

Submittal Date
4/22/91 8:02A Cont.

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 4/23/91

NAME: [illegible]

End Pattern
Rerun FA

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	612	.081	.093	25.	Standard ✓		
2.	613		.017	26.			
3.	614		.029	27.			
4.	615		.022	28.			
5.	616		.018	29.			
6.	617-1	.005	.002	30.			
7.	617-2		.001	31.			
8.	Standard ✓		.014	32.			
9.	618		.012	33.			
10.	619		.008	34.			
11.	620	.025	.021	35.			
12.	621	.045	.038	36.			
13.	622	.028	.023	37.			
14.	623	.019	.015	38.			
15.	1057	.074	.057	39.			
16.				40.			
17.				41.			
18.	1058	.044	.034	42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

TS ✓

Pit-Bench-Pattern #
D-17-3
Submittal Date
4-18-91 8:45 am (Cont)
4-18-91 1:13 pm *

BLAST HOLE (2)

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 4-19-91
NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	937	.038	.040	25.	Standard ✓		.014
2.	938	.031	.030	26.	1052	.043	.036
3.	939	.020	.021	27.	1053	.039	.034
4.	940		.030	28.	1054	.085	.083
5.	942		.029	29.	1055	~~.059~~	.089
6.	943		.015	30.	1056-1		.085
7.	✓7		.028	31.	1056-2	.112	.087
8.	Standard ✓		.014	32.			
* 9.	661		.032	33.	[redacted]		
10.	701	.039	.030	34.			
11.	741	.024	.021	35.			
12.	781	.025	.021	36.			
13.	821	.048	.041	37.			
14.	861		.069	38.			
15.	901		.022	39.			
16.	[redacted]			40.			
17.				41.			
18.	941		.029	42.	Standard ✓		
Rerun 19.	1046	.023	.033	43.			
20.	1047	.026	.027	44.			
Rerun FA .061 → 21.	1048	~~.028~~	.053	45.			
22. Rerun	1049	.023	.034	46.			
23.	1050	.025	.032	47.			
24.	1051	.041	.032	48.			

ReRun FA .109

1X

TS ✓

Pit-Bench-Pattern #
D-17-3
Submittal Date
4-10-91 1:48 pm

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(3)

DATE: 4-11-91
NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.				25.	Standard ✓		
2.				26.	1012		.014
3.				27.	1013		.006
4.				28.	1014		.012
5.				29.	1015		.007
6.				30.	1016	.017	.008
7.				31.	1017		.007
8.	Standard ✓			32.	1018		.005
9.				33.			
10.				34.			
11.				35.	1019		.005
12.				36.	1020		.004
13.				37.	1021	.026	.015
14.				38.	1022		.008
15.				39.	1023		.008
16.				40.	1024		.005
17.				41.	42	.020	.016
18.				42.	Standard ✓		
19.	1006	.018	.015	43.	82	.021	.015
20.	1007		.008	44.	122		.013
21.	1008		.005	45.	162		.011
22.	1009		.004	46.	202		.007
23.	1010		.009	47.	241-1	.013	.011
24.	1011	.015	.013	48.	241-2		.011

TS ✓✓

Pit-Bench-Pattern #
D-17-3

Submittal Date
4/22/91 8:02A

BLAST HOLE

Hot HaCN Shake
and
FIRE DETERMINATIONS

DATE: 4/23/91

NAME: [illegible]

	SAMPLE	FIRE Au.	HaCN Au.		SAMPLE	FIRE Au.	HaCN Au.
1.	415	.026	.017	25.	Standard ✓		.014
2.	✓7		.029	26.	569-1	.090	.096
3.	416	.062	.049	27.	569-2		.087
4.	455	.045	.030	28.	570	.476	.456
5.	456	.020	.015	29.	571		.033
6.	457	.044	.031	30.	572		.018
7.	495	.024	.018	31.	573		.016
8.	Standard ✓		.015	32.	574		.016
9.	496	.042	.038	33.			
10.	497	.023	.020	34.			
11.	498	.018	.011	35.	575	.031	.031
12.	499	.058	.046	36.	576	.023	.019
13.	535	.028	.021	37.	577	.015	.011
14.	536	.028	.023	38.	578	.036	.021
15.	537		.014	39.	579	.018	.016
16.				40.	580	.025	.021
17.				41.	581		.020
18.	538		.014	42.	Standard ✓		.014
19.	539	.020	.016	43.	582	.041	.028
20.	540	.201	.168	44.	608		.064
21.	541	.038	.023	45.	609		.054
22.	566		.022	46.	610	~~.162~~	.183 rerun FA .168
23.	567		.064	47.	611	.075	.082 Rerun FA
24.	568		.075	48.			

✓✓

Pit-Bench-Pattern #
D-17-3

Submittal Date
4-11-91 9:58 (Cont)

(2)

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 4/12/91

NAME: TS

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	404	.012	.011	25.	Standard ✓		
2.	405		.010	26.			
3.	406		.007	27.			
4.	442		.005	28.			
5.	443		.022	29.			
6.	444		.014	30.			
7.	445		.012	31.			
8.	Standard ✓		.014	32.			
9.	446		.007	33.			
10.	482		.006	34.			
11.	✓7		.029	35.			
12.	483	.010	.026	36.			
13.	484	.022	.006	37.			
14.	485	.030	.028	38.			
15.	486		.028	39.			
16.				40.			
17.				41.			
18.	522-1	.015	.012	42.	Standard ✓		
19.	522-2		.013	43.			
20.	523		.020	44.			
21.	524		.021	45.			
22.	525		.032	46.			
23.	526	.044	.054	47.			
24.				48.			

Rerun FA → 12.

Rerun FA → 23.

1 2

Pit-Bench-Pattern #
D-17-3

Submittal Date
4-16-91 9:05 am

BLAST HOLE

Hot HeCN Shake
and
FIRE DETERMINATIONS

(1)

DATE: 4-17-91

NAME: MM

	SAMPLE	FIRE Au.	HeCN Au.		SAMPLE	FIRE Au.	HeCN Au.
1.	4		.011	25.	Standard ✓		.014
2.	5		.003	26.	409		.030
3.	46		.021	27.	410		.042
4.	87	.046 ✓	.019	28.	411	.015	.016
5.	128	.035 ✓	.022	29.	449		.028
6.	169	.026 ✓	.016	30.	450		.022
7.	209		.011	31.	451		.009
8.	Standard ✓		.014	32.	489		.028
9.	210		.013	33.			
10.	✓7		.028	34.			
11.	249	.016 ✓	.007	35.	490-1	.017	.024
12.	250		.008	36.	490-2		.024
13.	251		.012	37.	491	.016	.015
14.	289		.005	38.	529		.062
15.	290		.011	39.	530		.017
16.				40.	531		.017
17.				41.	1025	.024	.019
18.	291	.058 ✓	.020	42.	Standard ✓		.014
19.	329		.014	43.	1026		.003
20.	330		.010	44.	1027		.006
21.	331	.029	.015	45.	1028		.006
22.	369	.022	.019	46.	1029	.035	.017
23.	370	.024	.020	47.			
24.	371	.016	.014	48.			

TS

Pit-Bench-Pattern #
D-17-3

Submittal Date
4-16-91 9:05 am (Cont)

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(2)

DATE: 4-17-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	1030	.040	.033	25.	Standard ✓		
2.	1031	~~.038~~	.036	26.			
3.	1032	.041	.024	27.			
4.	1033	.066	.046	28.			
5.	1034	.046	.020	29.			
6.	1035	.015	.009	30.			
7.	1036		.011	31.			
8.	Standard ✓		.015	32.			
9.	1037		.010	33.			
10.	1038		.013	34.			
11.	1039	.031	.028	35.			
12.	1040-1	.057	.022	36.			
13.	1040-2	.032	.022	37.			
14.	1041		.015	38.			
15.	1042	.031	.014	39.			
16.				40.			
17.				41.			
18.	1043	.048	.026	42.	Standard ✓		
19.	1044	.049	.020	43.			
20.	1045	.036	.024	44.			
21.	✓7		.029	45.			
22.				46.			
23.				47.			
24.				48.			

✓
✓

Pit-Bench-Pattern #
D-17-3

Submittal Date
4-18-91 8:45am

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 4-19-91

NAME: MM KW

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	658		.013	25.	Standard ✓		.015
2.	659		.009	26.	818	.016	.020
3.	660	.014	.017	27.	819	.012	.009
4.	662	.033	.026	28.	820	.023	.021
5.	663	.028	.021	29.	822	.026	.028
6.	698	.019	.017	30.	823	.040	.043
7.	699		.011	31.	857	.021	.017
8.	Standard ✓		.015	32.	858	.026	.021
9.	700	.019	.017	33.			
10.	7		.030	34.			
11.	702	.040	.030	35.	859		.033
12.	703	.038	.038	36.	860	.033	.032
13.	738	.042	.042	37.	862		.020
14.	739	.013	.016	38.	863		.018
15.	740	.018	.020	39.	877	.031	.040
16.				40.	878	.023	.026
17.				41.	879		.035
18.	742	.041	.037	42.	Standard ✓		.014
19.	743	.025	.019	43.	900		.025
20.	778		.013	44.	902	.022	.021
21.	779		.013	45.	903-1	.018	.018
22.	780	.027	.023	46.	903-2		.018
23.	782	.036	.053	47.		Std ✓	.014
24.	783	.025	.034	48.			

8

15 ✓

Pit-Bench-Pattern #
D-17-3
Submittal Date
4-17-91 9:03 Am

(1)

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 4-18-91
NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	648		.027	25.	Standard ✓		.014
2.	649		.062	26.	736		.026
3.	650		.053	27.	737	.020	.018
4.	651	.018	.020	28.	773		.022
5.	652		.031	29.	774		.027
6.	653		.021	30.	775	.016	.016
7.	654		.023	31.	776	.023	.034
8.	Standard ✓		.014	32.	777	.026	.023
9.	655		.021	33.	[redacted]		
10.	656	.025	.021	34.			
11.	657	.022	.029	35.	813		.052
12.	7		.033	36.	814		.011
13.	692		.024	37.	815	.011	.012
14.	693	.015	.016	38.	816	.021	.015
15.	694		.027	39.	817		.021
16.	[redacted]			40.	854		.013
17.				41.	855		.019
18.	695		.046	42.	Standard ✓		.015
19.	696	.050	.043	43.	856	.017	.016
20.	697	.023	.015	44.	894		.028
21.	732		.039	45.	895	.066	.061
22.	733	.015	.015	46.	896-1	.024	.020
23.	734		.018	47.	896-2		.020
24.	735	.021	.021	48.			

TS ✓

Pit-Bench-Pattern #
D-17-3

Submittal Date
4-10-91 1:48p (Cont)

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(4)

DATE: 4-11-91
NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	242		.010	25.	Standard ✓		
2.	281		.007	26.			
3.	321		.010	27.			
4.	322	.017	.006	28.			
5.	361	.040	.033	29.			
6.	362		.014	30.			
7.	401	.026	.018	31.			
8.	Standard ✓			32.			
9.	441-1		.003	33.			
10.	441-2		.001	34.			
11.	✓7		.030	35.			
12.				36.			
13.				37.			
14.				38.			
15.				39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

TS

(1)

Pit-Bench-Pattern #
D-17-3

Submittal Date
4-12-91 9:12am

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 4-16-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	127	.042 ✓	.025	25.	Standard ✓		.015
2.	167	.040 ✓	.025	26.	528-1	.026 ✓	.029
3.	168	.014 ✓	.008	27.	528-2		.029
4.	207	.054	.028	28.			
5.	208	.025 ✓	.013	29.			
6.	247	.042 ✓	.042	30.			
7.	248	.027 ✓	.011	31.			
8.	Standard ✓		.014	32.			
9.	✓ 7		.029	33.	[redacted]		
10.	287	.058 ✓	.038	34.			
11.	288	.052 ✓	.039	35.			
12.	327	.025 ✓	.013	36.			
13.	328	.100 ✓	.088	37.			
14.	367		.007	38.			
15.	368		.007	39.			
16.	[redacted]			40.			
17.				41.			
18.	407		.010	42.	Standard ✓		
19.	408	.015	.009	43.			
20.	447		.016	44.			
21.	448		.016	45.			
22.	427		.037	46.			
23.	488		.013	47.			
24.	527	.026 ✓	.029	48.			

X

TS

D-17-3
4/18/91 8:45 A

Rerun FA

	Au
#782	.058
897	.042
1046	.046
1049	.042

D-17-3
4/22/91 8:02 A

	Au
#611	.077
612	.085
581	.030

← not rerun but missed first time through

Pit-Bench-Pattern #
D-17-3

Submittal Date
4/22/91 8:02A

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 4/23/91

NAME: [illegible]

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	415	.026	.017	25.	Standard ✓		.014
2.	✓7		.029	26.	569-1	.090	.096
3.	416	.062	.049	27.	569-2		.087
4.	455	.045	.030	28.	570	.476	.456
5.	456	.020	.015	29.	571		.033
6.	457	.044	.031	30.	572		.018
7.	495	.024	.018	31.	573		.016
8.	Standard ✓		.015	32.	574		.016
9.	496	.042	.038	33.	[redacted]		
10.	497	.023	.020	34.	[redacted]		
11.	498	.018	.011	35.	575	.031	.031
12.	499	.058	.046	36.	576	.023	.019
13.	535	.028	.021	37.	577	.015	.011
14.	536	.028	.023	38.	578	.036	.021
15.	537		.014	39.	579	.018	.016
16.	[redacted]			40.	580	.025	.021
17.	[redacted]			41.	581	.030	.020
18.	538		.014	42.	Standard ✓		.014
19.	539	.020	.016	43.	582	.041	.028
20.	540	.201	.168	44.	608		.064
21.	541	.038	.023	45.	609		.054
22.	566		.022	46.	610	.163	.183 ← rerun FA .168
23.	567		.064	47.	611	.075	.082 ← Rerun FA .0
24.	568		.075	48.			

X TS