	A	B	C	D	E	F
1						
2	Well ID	Date	Owner Name		Sample #	Location Description
3						
4	HW01	1/25/2012	Ex. 6-PII		HW01	Well Head/Pump Station
5	HW02	1/25/2012			HW02	At door to Basement Pump Station
6	HW03	2/14/2012			HW03	Well Head. Next to door to Basement Pump Station
7	HW04	1/24/2012			HW04	At door to Basement Pump Station
8	HW05	1/26/2012			HW05	At door to Home Pump Station
9	HW06	1/26/2012			HW06	Well Head/Pump Station
10	HW07	2/15/2012			HW07	Well Head/Pump Station
11	HW08a	1/25/2012			HW08a	Well Head/Pump Station
12						
13	HW09	2/3/2012			HW09	Point just outside location of water pump
14	HW11	2/13/2012			HW11	Treatment Shed/Pump Station
15	HW12	1/26/2012			HW12	Treatment Shed/Pump Station
16	HW13	1/30/2012			HW13	Well Head/Pump Station
17	HW	1/26/2012	N		HW	Treatment Shed/Pump Station
18	HW14	2/7/2012	T		HW14a	Treatment Shed/Pump Station
19	HW16	2/10/2012			HW16	Treatment Shed/Pump Station
20	HW17	1/27/2012			HW17	Spigot

	A	B	C	D	E	F
21	HW18	1/30/2012	Ex. 6-PII		HW18	Well Head/Spigot
22	HW19	1/23/2012			HW19	Well Head
23	HW20	1/30/2012			HW20	At door to Basement Pump Station
24	HW	2/9/2012			HW	Spigot
25	HW21	2/9/2012			HW21	Spigot
26	HW22	2/8/2012			HW22	Spigot
27	HW23	1/27/2012			HW23	At window to Basement Pump Station
28	HW24	1/30/2012			HW24	
29	HW25	1/31/2012			HW25	Point just outside location of water pump
30	HW26	2/13/2012			HW26	Front Door
31	HW28	2/3/2012			HW28a	At door to Basement Pump Station
32	HW28	1/31/2012			HW29	At door to Garage Pump Station
33	HW29	2/6/2012			HW30	At window to Basement Pump Station
34	HW30	2/6/2012			HW31	Pump Station
35	HW-31	2/1/2012			HW32	At door to Basement Pump Station
36	HW33	2/1/2012			HW33	
37	HW34	2/1/2012			HW34	
38	HW35	1/31/2012			HW35	At door to Basement Pump Station
39	HW36N	2/10/2012			HW36n	At door to Basement Pump Station
40	HW38	2/8/2012			HW38	At door to Basement Pump Station
41	HW39	2/3/2012			HW39	Well Head
42	HW40	2/2/2012			HW40	Well Head

	A	B	C	D	E	F
43	HW41	2/2/2012	Ex. 6-PII		HW41	At door to Basement Pump Station
44	HW42	2/2/2012			HW42	Spigot
45	HW43	2/6/2012			HW43	Well Head/Pump Station
46	HW44	2/9/2012			HW44	Well Head/Pump Station
47	HW45	2/6/2012			HW45	Spigot
48	HW46	2/2/2012			HW46	At door to Basement Pump Station
49	HW47	2/8/2012			HW47	At door to Basement Pump Station
50	HW48	2/8/2012			HW48	Front Door
51	HW49	2/9/2012			HW49	Front Door
52	HW50					
53	HW51	2/7/2012			HW51	At door to Basement Pump Station
54	HW52	1/31/2012			HW52	Spigot
55	HW53	2/13/2012			HW53	At door to Basement Pump Station
56	HW54	2/10/2012			HW54	At door to Basement Pump Station
57	HW55	2/13/2012			HW55	Spigot
58	HW56					
59	HW57	2/14/2012			HW57	At door to Basement Pump Station
60	HW58	2/14/2012			HW58	At door to Basement Pump Station
61	HW59	2/14/2012			HW59	Spigot
62	HW60	3/5/2012			HW60	
63	HW61	3/6/2012			HW61	
64						
65						
66						
67						

	A	B	C	D	E	F
68						
69						
70						
71						

	G	H	I	J	K	L	M	N	O
1									
2	Latitude	Longitude	Altitude (feet)	Temp (° C)	Specific Conductivity (mS/cm)	DO (%)	pH (units)	ORP (mv)	Flow Rate (ml/min)
3									
4	41.732187	-75.878076	1225	8.83	0.141	4.4	9.27	9.4	560
5	41.728804	-75.877599	1170	10.53	0.260	0.4	7.86	141.2	1,200
6	41.737427	-75.859553		8.65	0.250	0.4	8.29	-181.7	1,100
7	41.745499	-75.883150	1433	10.07	0.288	0.5	7.24	22.3	550
8	41.726442	-75.876851	1161	9.67	0.262	6.7	7.77	119.7	710
9	41.732186	-75.875592	1198	9.70	0.349	0.3	9.32	-81.6	640
10	41.747463	-75.881959		8.71	0.275	17.1	7.29	72.0	500
11	41.739331	-75.880288		8.66	0.106	16.1	6.39	92.8	1,000
12									
13	41.746548	-75.882765		9.32	0.198	42.4	6.25	97.0	420
14	41.744144	-75.882651		8.83	0.257	0.6	7.56	82.5	600
15	41.729960	-75.878313	1170	9.93	0.241	0.3	7.86	-172.1	1,000
16	41.725967	-75.877351		6.66	0.268	1.3	7.67	-55.7	460
17	41.744913	-75.883929	1396	9.91	0.239	3.3	6.49	72.3	1,000
18	41.736301	-75.859944		10.21	0.267	0.2	8.07	-165.2	2,000
19	41.736752	-75.858580		9.97	0.500	0.3	8.22	-132.1	650
20	41.724926	-75.876571	1141	11.39	0.261	0.3	7.79	64.1	620

	G	H	I	J	K	L	M	N	O
21	41.721403	-75.878428		9.69	0.242	1.5	8.14	32.8	1,100
22	41.746975	-75.883093	1444	9.13	0.291	14.6	6.79	123.3	900
23	41.748096	-75.877859		10.12	0.198	23.1	7.38	103.4	1,000
24	41.716924	-75.872531		10.66	0.154	50.8	6.53	126.4	900
25	41.746761	-75.853828		6.06	0.239	1.2	7.01	-21.4	400
26	41.722752	-75.876526		9.85	0.187	11.2	7.34	35.8	770
27	41.729322	-75.883599	1273	8.72	0.367	0.5	9.57	-222.6	650
28				9.85	0.246	1.0	8.07	-77.0	530
29	41.741671	-75.856188		9.92	0.324	0.3	8.13	-96.0	520
30	41.728448	-75.881247		9.41	0.221	54.8	7.76	89.1	1,200
31	41.743544	-75.854611		9.92	0.115	65.6	6.01	169.9	1,000
32	41.717755	-75.941532		8.16	1.127	0.3	9.18	-234.4	1,100
33	41.736932	-75.879637		10.25	0.275	6.5	7.65	84.0	600
34	41.735081	-75.861282		7.07	0.352	0.2	7.84	-153.7	900
35	41.748841	-75.861727		9.22	0.255	0.5	7.83	-136.9	800
36	41.736535	-75.899065		9.65	0.289	78.1	6.91	140.2	1,000
37				10.13	0.367	0.1	8.02	173.2	2,222
38	41.738021	-75.898144		9.35	0.267	86.3	6.25	150.7	1,100
39	41.718214	-75.872683		6.63	0.152	48.9	7.46	92.8	1,100
40	41.746699	-75.885884		10.17	0.133	63.8	6.73	104.7	500
41	41.717645	-75.870091		7.39	0.514	0.2	8.17	-132.9	670
42	41.741517	-75.891468		10.01	0.354	23.7	6.95	130.3	470

	G	H	I	J	K	L	M	N	O
43	41.740563	-75.892300		9.39	0.360	0.7	7.49	11.3	1,200
44	41.715978	-75.871651		8.32	0.123	75.3	6.33	107.0	490
45	41.731709	-75.882565		7.06	0.270	2.4	7.57	89.8	700
46	41.748515	-75.879158		9.07	0.162	39.9	7.40	62.6	300
47	41.751231	-75.882174		8.98	0.241	4.3	7.77	89.5	600
48	41.746582	-75.883856		10.37	0.262	89.4	6.14	149.6	900
49	41.722195	-75.849760		9.76	0.367	0.4	7.07	-123.5	900
50	41.723933	-75.852315		8.92	0.208	43.9	7.13	111.9	1,000
51	41.719895	-75.851598		10.12	0.283	27.7	7.25	104.5	1,100
52									
53	41.738080	-75.880475		9.61	0.204	0.9	6.99	87.6	850
54	41.746709	-75.856414		10.09	0.220	11.0	7.36	477.7	220
55	41.747102	-75.884000		9.80	0.250	12.2	7.21	107.7	1,300
56	41.736977	-75.888937		9.25	0.307	5.7	7.53	20.8	470
57	41.730988	-75.880557		8.59	0.252	1.1	7.86	17.5	700
58									
59	41.746384	-75.887946		9.13	0.150	27.9	6.92	75.8	440
60	41.724613	-75.877521		9.00	0.254	0.8	7.94	78.0	925
61	41.708996	-75.867067		9.40	0.138	71.2	5.94	158.3	1,050
62				10.39	0.289	14.2	8.36	-250.0	900
63				9.62	0.299	57.3	6.31	228.9	1,000
64									
65									
66									
67									

	G	H	I	J	K	L	M	N	O
68									
69									
70									
71									

	P	Q	R	S	T	U	V
1							
2	Water Quality Comments	Sample Number	Methane (ug/L)	Aluminum	Antimony	Arsenic (ug/L)	Barium
3							
4	effervescence is occurring. Turbidity=1.14	HW01	12000	30 U	2 U	2 U	304
5	Turbidity = 22	HW02	18000	30 U	2 U	4	267
6	bubbles noticed, not effervescent Turbidity=8.57	HW03	15000	30 U	2 U	2 U	821
7	slight effervescence during purge Turbidity=4.2	HW04	1700	30 U	2 U	1 U	231
8		HW05	2000	30 U	2 U	2 U	254
9	Turbidity = 79	HW06	23000	2020	2 U	7.6	164
10	EPA OSC approved stabilization	HW07	57	30 U	2 U	2 U	137
11		HW08a	9200	37.5	2 U	2 U	36
12		HW08a-F		30 U	2 U	2 U	37.9
13		HW09	4.3 J	30 U	2 U	1 U	93.8
14	Effervescence in flow through cell.	HW11	22000	30 U	2 U	1 U	163
15		HW12	52000	30 U	2 U	6	707
16		HW13	1300	30 U	2 U	2 U	225
17		HW	3800	30 U	2 U	1 U	89.3
18	According to SL_ (?) well has fast rate. Purge stopped due to demand. 913 purge started. 914-916 flow stopped. Turbitity=0.81	HW15a	14000	30 U	2 U	5.1	582
19	Effervescence in flow through cell. Sulfur odor.	HW16	25000	102	2 U	1 U	2910
20	Flow rate decrease due to break in water pressure.	HW17	3300	30 U	2 U	2.7	239

	P	Q	R	S	T	U	V
21		HW18	190	34.6	2 U	2.2	276
22		HW19	2 J	30 U	2 U	1 U	229
23		HW20	9.5 U	30 U	2 U	2 U	32.8
24		HW2	19	30 U	2 U	1 U	31.8
25		HW21	17000	5220	2 U	7.1	516
26	no sulfur odor. Minor signs of effervescence. Water shows light brown color, sediment. Turbidity=18	HW22	3.6	34.6	2 U	1	185
27		HW23	740	30 U	2 U	1 U	139
28							
29		HW26	43000	30 U	2 U	2 U	1780
30		HW27	4.2	30 U	2 U	1.7	122
31		HW28a	1.2 U	30 U	2 U	1 U	94.8
32	Effervescence observed.	HW29	77000	51	2 U	3.7	315
33		HW30	120	30 U	2 U	1 U	120
34		HW31	17000	30 U	2 U	1 U	534
35		HW32	210	30 U	2 U	10.5	369
36		HW33	1.3	30 U	2 U	2 U	61.8
37	Per EPA Direction we stopped water quality readings.						
38		HW35	6.6	240	2 U	2 U	101
39		HW36N	1.2 U	30 U	2 U	1 U	154
40		HW38	5	30 U	2 U	1 U	116
41	Temp might be impacted by potential backflow from tank inside shed. Per discussion with EPA and possible explanation for temp by S(J?)LR, stopped readings	HW39	8100	30 U	2 U	1 U	3530
42		HW40	3.2 U	30 U	2 U	1 U	163

	P	Q	R	S	T	U	V
43		HW41	4 J	30 U	2 U	1 U	139
44	Water is clear, no odor. No bubbles.	HW42	6.2 U	30 U	2 U	1 U	30.9
45		HW43	1.2 U	30 U	2 U	1 U	213
46		HW44	0.9	30 U	2 U	1 U	18.7
47		HW45	1.2 U	30 U	2 U	1 U	164
48	EPA Kelly Chase had requested 2 more readings. DO fluctuating w/ change in flow rate.	HW46	6.2 U	30 U	2 U	1 U	104
49		HW47	7900	30 U	2 U	90.7	485
50		HW48	0.9	30 U	2 U	1.1	39
51		HW49	1.2 U	30 U	2 U	2.9	89.2
52		HW50	0.6				
53	water is highly effervescent, grayish color to it, little bit of sulfur odor, slight mineral smell, clear @ 12:33. Turbidity=1.48	HW51	3400	46.5	2 U	1 U	69.1
54	Pump came on and water surged. Chlorination system associated with well system.	HW52	19000	30 U	2 U	2 U	536
55		HW53	1.2 U	30 U	2 U	1.8	110
56		HW54	15	30 U	2 U	1 U	159
57		HW55	21	30 U	2 U	2.1	295
58		HW56	8700				
59	Water cloudy, light brown	HW57	1	1630	2 U	5.8	123
60	Water clear	HW58	77	30 U	2 U	1.3	192
61		HW59	1.2 U	30 U	2 U	1 U	88.3
62		HW60	21000				
63		HW61	1.2 U				
64							
65	Drinking water MCL			2,000	6	10	2,000
66							
67	Maximum		77,000	5220		90.7	3,530

	P	Q	R	S	T	U	V
68	Minimum		0.6	34.6		1	18.7
69							
70	Average		10,140	942		8.7	352
71	Median		2650	77		3.3	163

	W	X	Y	Z	AA	AB	AC	AD	AE
1	Metals (All Concentrations in ug/L)								
2	Beryllium	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron (ug/L)	Lead
3									
4	1 U	50 U	1 U	7890	2 U	1 U	2 U	100 U	1 U
5	1 U	50 U	1 U	30900	2 U	1 U	3.5	1580	1.9
6	1 U	50 U	1 U	29000	2 U	1 U	5.5	711	1 U
7	1 U	50 U	1 U	32300	2 U	1 U	5.2	106	1.4
8	1 U	50 U	1 U	35300	2 U	1 U	2.5	620	1 U
9	1 U	325	1 U	2570	10.8	1.3	7.2	2970	1.8
10	1 U	50 U	1 U	36500	2 U	1 U	7.5	100 U	3.2
11	1 U	50 U	1 U	14400	2 U	1 U	11.3	100 U	2.8
12	1 U	50 U	1 U	14200	2 U	1 U	9	100 U	1.2
13	1 U	50 U	1 U	23000	2 U	1 U	37.5	100 U	1.6
14	1 U	50 U	1 U	35400	2 U	1 U	2 U	100 U	1 U
15	1 U	53.8	1 U	28500	2 U	1 U	2 U	1240	1 U
16	1 U	50 U	1 U	31900	2 U	1 U	2 U	2870	1 U
17	1 U	50 U	1 U	29900	2 U	1 U	2.1	100 U	1
18	1 U	50 U	1 U	31900	2 U	1 U	2	109	1 U
19	1 U	88.4	1 U	35000	2 U	1 U	2 U	464	1 U
20	1 U	50 U	1 U	33100	2 U	1 U	3.5	100 U	1 U

	W	X	Y	Z	AA	AB	AC	AD	AE
21	1 U	186	1 U	16000	2 U	1 U	2 U	100 U	1 U
22	1 U	50 U	1 U	37600	2 U	1 U	7.4	100 U	1 U
23	1 U	50 U	1 U	22400	2 U	1 U	4.5	100 U	2.4
24	1 U	50 U	1 U	18600	2 U	1 U	6.4	366	1 U
25	1 U	50 U	1 U	27900	4.9	3.8	14	8530	22.7
26	1 U	50 U	1 U	26600	2 U	1 U	15.5	375	2
27	1 U	251	1 U	1310	2 U	1 U	2 U	100 U	1 U
28									
29	1 U	69.6	1 U	27300	2 U	1 U	4.4	100 U	1 U
30	1 U	50 U	1 U	28800	2 U	1 U	4.7	100 U	1 U
31	1 U	50 U	1 U	12600	2 U	1 U	27.9	100 U	1.7
32	1 U	241	1 U	5200	2 U	1 U	3.2	112	1 U
33	1 U	64.5	1 U	35000	2 U	1 U	2 U	100 U	1 U
34	1 U	64.6	1 U	33000	2 U	1 U	2 U	158	1 U
35	1 U	50 U	1 U	32600	2 U	1 U	2 U	166	1 U
36	1 U	50 U	1 U	30600	2 U	1 U	11	100 U	1.7
37									
38	1 U	50 U	1 U	14300	2 U	1 U	74	478	21.2
39	1 U	50 U	1 U	24900	2 U	1 U	2.7	172	1 U
40	1 U	50 U	1 U	16100	2 U	1 U	25.6	100 U	1.4
41	1 U	58.8	1 U	36100	2 U	1 U	2 U	100 U	1 U
42	1 U	50 U	1 U	36500	2 U	1 U	12.3	100 U	3.1

	W	X	Y	Z	AA	AB	AC	AD	AE
43	1 U	50 U	1 U	44500	2 U	1 U	2 U	100 U	1 U
44	1 U	50 U	1 U	7970	2 U	1 U	40.1	100 U	1 U
45	1 U	50 U	1 U	37100	2 U	1 U	3.6	240	1 U
46	1 U	50 U	1 U	21800	2 U	1 U	2 U	100 U	1 U
47	1 U	50 U	1 U	32200	2 U	1 U	2 U	100 U	1 U
48	1 U	50 U	1 U	26100	2 U	1 U	17.3	100 U	1 U
49	1 U	120	1 U	23700	2 U	1 U	10.1	4550	1 U
50	1 U	50 U	1 U	31700	2 U	1 U	5.8	100 U	1 U
51	1 U	50 U	1 U	41100	2 U	1 U	5.3	100 U	1 U
52									
53	1 U	50 U	1 U	28000	2 U	1 U	34.4	100 U	1.2
54	1 U	50 U	1 U	25500	2 U	1 U	3.1	100 U	1 U
55	1 U	50 U	1 U	35100	2 U	1 U	4.4	100 U	1 U
56	1 U	50 U	1 U	38400	2 U	1 U	2.4	100 U	1 U
57	1 U	50 U	1 U	34100	2 U	1 U	2 U	100 U	1 U
58									
59	1 U	50 U	1 U	21800	2 U	1 U	19.3	11200	3.5
60	1 U	50 U	1 U	32700	2 U	1 U	2 U	100 U	1 U
61	1 U	50 U	1 U	14500	2 U	1 U	27.3	100 U	1
62									
63									
64									
65	4		5		100		1,000	300	15
66									
67		325		44,500	10.8	3.8	74	11,200	22.7

	W	X	Y	Z	AA	AB	AC	AD	AE
68		53.8		1,310	4.9	1.3	2	106	1
69									
70		138		26,508	7.9	2.6	13	1,851	4.0
71		88		28,900	7.9	2.6	6.8	471	1.8

	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1									
2	Lithium	Magnesium	Manganese (ug/L)	Mercury	Nickel	Potassium	Selenium	Silver	Sodium
3									
4	200 U	3640	2.2	0.2 U	1 U	2000 U	5 U	1 U	18100
5	200 U	5560	112	0.2 U	1.2	2000 U	5 U	1 U	15700
6	200 U	8070	72		1.8	2000 U	5 U	1 U	14500
7	200 U	6650	16.9	0.2 U	1.5	2000 U	5 U	1 U	17300
8	200 U	6820	31.6	0.2 U	1.2	2000 U	5 U	1 U	13200
9	236	799	65.3	0.2 U	6.8	2110	5 U	1 U	83700
10	200 U	7590	148		3.1	2000 U	5 U	1 U	9230
11	200 U	2790	64.3	0.2 U	1 U	2000 U	5 U	1 U	2670
12	200 U	2760	64	0.2 U	1	2000 U	5 U	1 U	2660
13	200 U	3900	1.3	0.2 U	1.1	2000 U	5 U	1 U	8110
14	200 U	8110	46.5		1.5	2000 U	5 U	1 U	9400
15	200 U	4770	120	0.2 U	1.2	2000 U	5 U	1 U	19300
16	200 U	6620	31	0.2 U	1.6	2000 U	5 U	1 U	12600
17	200 U	5270	8.3	0.2 U	1.6	2000 U	5 U	1 U	9420
18	200 U	10300	157	0.2 U	1.4	2000 U	5 U	1 U	16900
19	200 U	10200	64.8	0.2 U	1.8	2110	5 U	1 U	50200
20	200 U	6640	40	0.2 U	1.2	2000 U	5 U	1 U	12100

	AF	AG	AH	AI	AJ	AK	AL	AM	AN
21	200 U	2730	6.2	0.2 U	1 U	2000 U	5 U	1 U	45600
22	200 U	7120	8.2	0.2 U	1.6	2000 U	5 U	1 U	9030
23	200 U	5710	2.6	0.2 U	1 U	2000 U	5 U	1 U	6210
24	200 U	2450	7.3	0.2 U	1 U	2000 U	5 U	1 U	9770
25	200 U	6510	635	0.2 U	7.7	2690	5 U	1 U	18000
26	200 U	4980	14.8	0.2 U	1.4	2000 U	5 U	1 U	13600
27	204	500 U	3.8	0.2 U	1 U	2000 U	5 U	1 U	88000
28									
29	200 U	7360	94	0.2 U	1	2000 U	5 U	1 U	27400
30	200 U	5700	1 U		1.2	2000 U	5 U	1 U	10000
31	200 U	1910	1 U	0.2 U	1 U	2000 U	5 U	1 U	6730
32	478	1140	43.4	0.2 U	1 U	2330	6.7	1 U	195000
33	200 U	7860	10.4	0.2 U	1.3	2000 U	5 U	1 U	14000
34	200 U	8880	171	0.2 U	1.4	2000 U	5 U	1 U	26700
35	200 U	9260	297	0.2 U	1.1	2000 U	5 U	1 U	8130
36	200 U	7910	1.3	0.2 U	1.1	2000 U	5 U	1 U	12500
37									
38	200 U	2280	5.4	0.2 U	1.3	2000 U	5 U	1 U	28700
39	200 U	2970	2.1	0.2 U	1.1	2000 U	5 U	1 U	2830
40	200 U	3300	1 U	0.2 U	1 U	2000 U	5 U	1 U	5670
41	200 U	7530	42.6	0.2 U	1.6	2550	5 U	1 U	47400
42	200 U	8830	1 U	0.2 U	1.4	2000 U	5 U	1 U	21700

	AF	AG	AH	AI	AJ	AK	AL	AM	AN
43	200 U	9480	21	0.2 U	1.4	2000 U	5 U	1 U	23100
44	200 U	1500	1 U	0.2 U	1 U	2000 U	5 U	1 U	11700
45	200 U	8210	1.9	0.2 U	1.4	2000 U	5 U	1 U	10900
46	200 U	5060	11.8	0.2 U	1 U	2000 U	5 U	1 U	5320
47	200 U	7910	1 U	0.2 U	1.3	2000 U	5 U	1 U	7260
48	200 U	4670	2.5	0.2 U	1.7	4220	5 U	1 U	14900
49	200 U	3950	947	0.2 U	1	2000 U	5 U	1 U	53600
50	200 U	4500	1 U	0.2 U	1.3	2000 U	5 U	1 U	6660
51	200 U	5770	36.3	0.2 U	1.7	2000 U	5 U	1 U	12600
52									
53	200 U	6780	39.9	0.2 U	1.4	2000 U	5 U	1 U	5230
54	200 U	5140	26.8	0.2 U	1	2000 U	5 U	1 U	11400
55	200 U	5890	71.1		1.4	2000 U	5 U	1 U	5940
56	200 U	9540	1.1	0.2 U	1.5	2000 U	5 U	1 U	11600
57	200 U	6040	16.7		1.5	2000 U	5 U	1 U	12500
58									
59	200 U	4690	131		3.2	2000 U	5 U	1 U	6130
60	200 U	6540	1 U		1.2	2000 U	5 U	1 U	13000
61	200 U	2400	1.7		1.1	3270	5 U	1 U	5710
62									
63									
64									
65			50	2			50	100	
66									
67	478	10,300	947		7.7	4,220	6.7		195,000

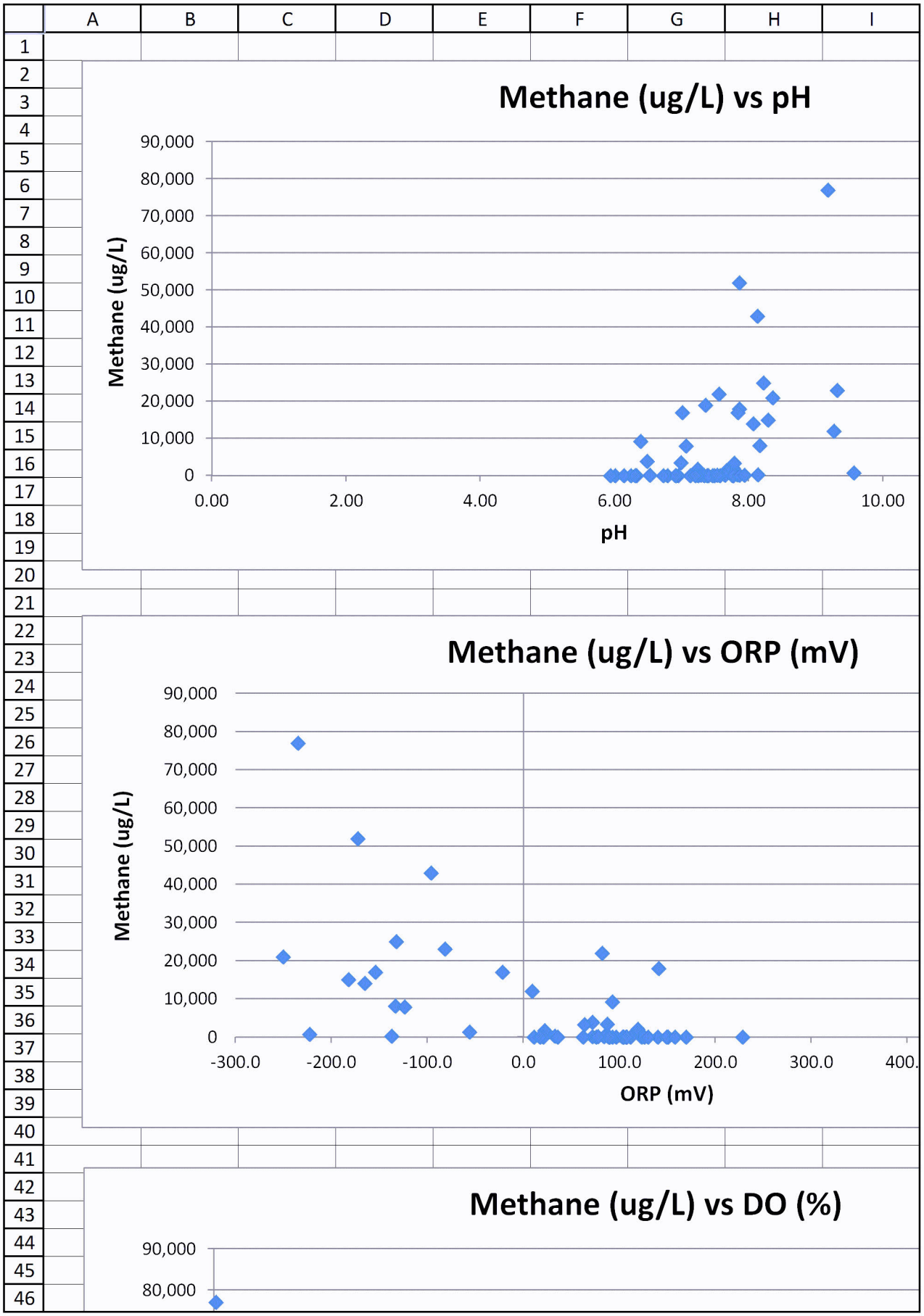
	AF	AG	AH	AI	AJ	AK	AL	AM	AN
68	204	799	1.1		1	2,110	6.7		2,660
69									
70	306	5,717	80		1.7	2,754	6.7		20,919
71	236	5,770	31		1.4	2,550	6.7		12,500

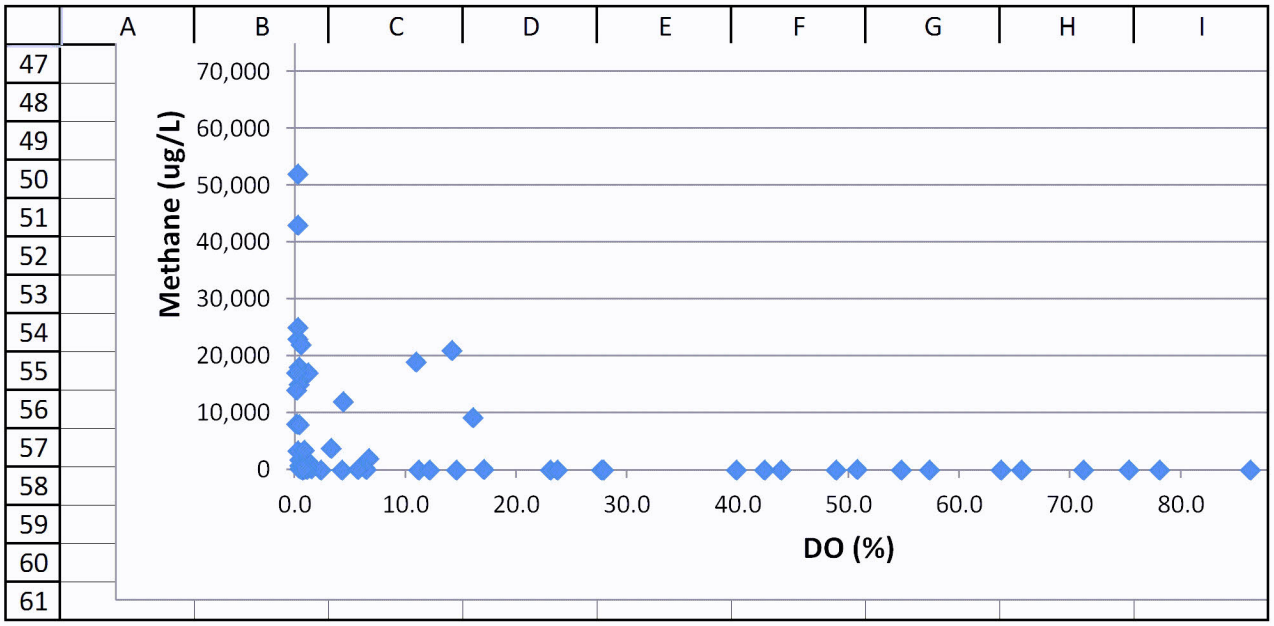
	AO	AP	AQ	AR	AS	AT	AU
1							
2	Strontium	Thallium	Tin	Titanium	Uranium	Vanadium	Zinc
3							
4	655	1 U	200 U	200 U	1 U	5 U	2 U
5	658	1 U	200 U	200 U	4	5 U	2 U
6	936	1 U	200 U	200 U	1 U	5 U	46.1
7	273	1 U	200 U	200 U	1.2	5 U	99
8	720	1 U	200 U	200 U	4.5	5 U	5.5
9	229	1 U	200 U	200 U	2.1	5 U	33.7
10	200 U	1 U	200 U	200 U	2.1	5 U	19.2
11	200 U	1 U	200 U	200 U	1 U	5 U	8.6
12	200 U	1 U	200 U	200 U	1 U	5 U	8.2
13	200 U	1 U	200 U	200 U	1 U	5 U	15.9
14	472	1 U	200 U	200 U	1.9	5 U	3.5
15	629	1 U	200 U	200 U	1.8	5 U	5.4
16	764	1 U	200 U	200 U	3.2	5 U	4
17	200 U	1 U	200 U	200 U	1 U	5 U	3.6
18	803	1 U	200 U	200 U	1 U	5 U	2 U
19	1800	1 U	200 U	200 U	1 U	5 U	2 U
20	835	1 U	200 U	200 U	3.7	5 U	6.5

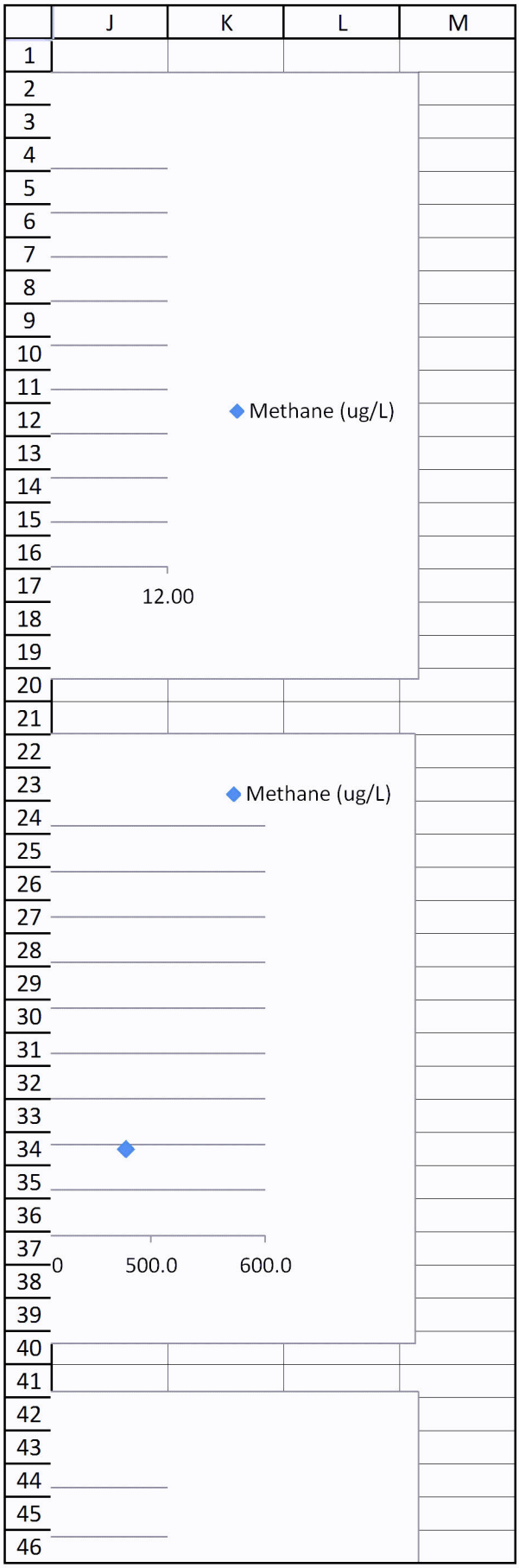
	AO	AP	AQ	AR	AS	AT	AU
21	954	1 U	200 U	200 U	1 U	5 U	2 U
22	200 U	1 U	200 U	200 U	1 U	5 U	6.9
23	200 U	1 U	200 U	200 U	1 U	5 U	12.7
24	200 U	1 U	200 U	200 U	1 U	5 U	9.3
25	433	1 U	200 U	200 U	1.7	5.8	33.2
26	359	1 U	200 U	200 U	1.7	5 U	2 U
27	200 U	1 U	200 U	200 U	1 U	5 U	2 U
28							
29	817	1 U	200 U	200 U	1 U	5 U	2 U
30	334	1 U	200 U	200 U	3	5 U	2 U
31	200 U	1 U	200 U	200 U	1 U	5 U	2 U
32	374	1 U	200 U	200 U	1 U	5 U	2.9
33	1290	1 U	200 U	200 U	3	5 U	2 U
34	903	1 U	200 U	200 U	1 U	5 U	2.1
35	539	1 U	200 U	200 U	1 U	5 U	2 U
36	200 U	1 U	200 U	200 U	1 U	5 U	3.8
37							
38	200 U	1 U	200 U	200 U	1 U	5 U	98.3
39	200 U	1 U	200 U	200 U	1 U	5 U	2.3
40	200 U	1 U	200 U	200 U	1 U	5 U	5.5 J
41	2750	1 U	200 U	200 U	1 U	5 U	2.1
42	531	1 U	200 U	200 U	1.8	5 U	4.4

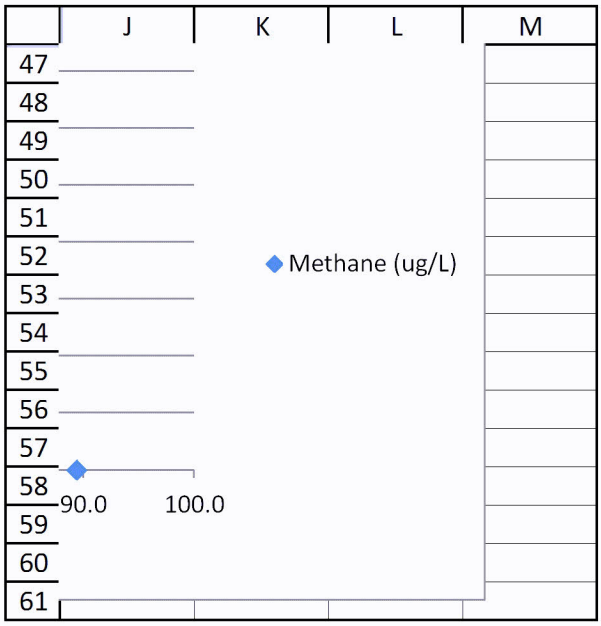
	AO	AP	AQ	AR	AS	AT	AU
43	319	1 U	200 U	200 U	3.2	5 U	2.1
44	200 U	1 U	200 U	200 U	1 U	5 U	5.5
45	484	1 U	200 U	200 U	4	5 U	2 U
46	200 U	1 U	200 U	200 U	1 U	5 U	5
47	1100	1 U	200 U	200 U	1.4	5 U	2 U
48	200 U	1 U	200 U	200 U	1 U	5 U	10.9
49	757	1 U	200 U	200 U	1 U	5 U	2 U
50	200 U	1 U	200 U	200 U	2	5 U	2 U
51	291	1 U	200 U	200 U	2.2	5 U	2.3
52							
53	212	1 U	200 U	200 U	1	5 U	2.7 J
54	527	1 U	200 U	200 U	1.1	5 U	21.3
55	200 U	1 U	200 U	200 U	1	5 U	2.2
56	200 U	1 U	200 U	200 U	2.2	5 U	2 U
57	553	1 U	200 U	200 U	8.4	5 U	2 U
58							
59	200 U	1 U	200 U	200 U	3.4	5 U	9.7
60	954	1 U	200 U	200 U	3.7	5 U	2 U
61	200 U	1 U	200 U	200 U	1 U	5 U	11.7
62							
63							
64							
65		2			30		5,000
66							
67	2,750				8.4	5.8	99

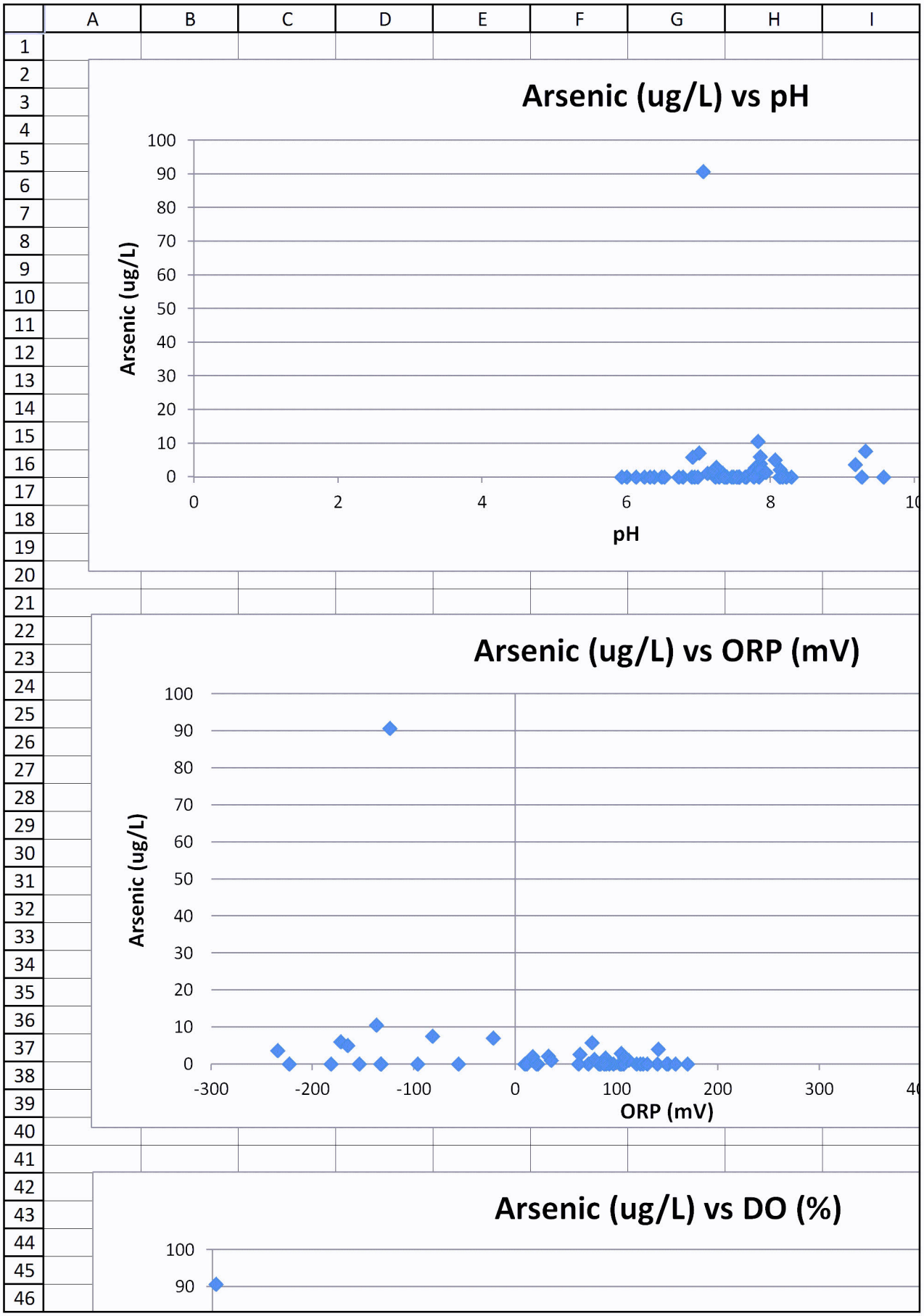
	AO	AP	AQ	AR	AS	AT	AU
68	212				1	5.8	2.1
69							
70	727				2.7	5.8	16
71	642				2.2	5.8	6.7

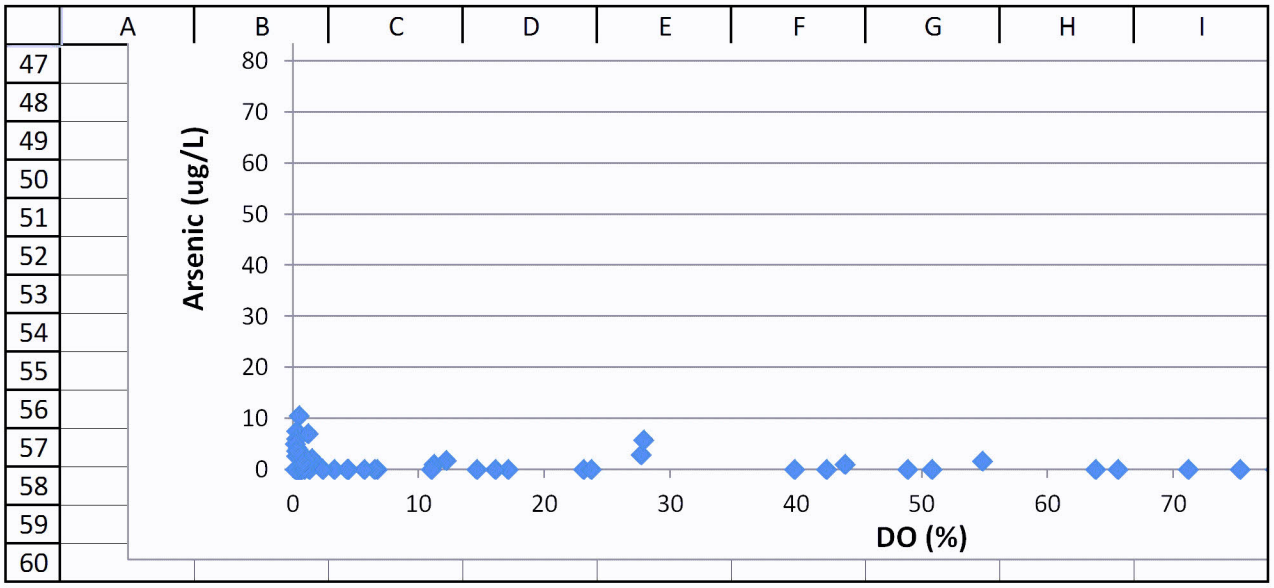

Methane (ug/L) vs pH
Methane (ug/L)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
0.00
2.00
4.00
6.00
8.00
10.00
pH
Methane (ug/L) vs ORP (mV)
Methane (ug/L)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
-300.0
-200.0
-100.0
0.0
100.0
200.0
300.0
400.
ORP (mV)
Methane (ug/L) vs DO (%)
90,000
80,000

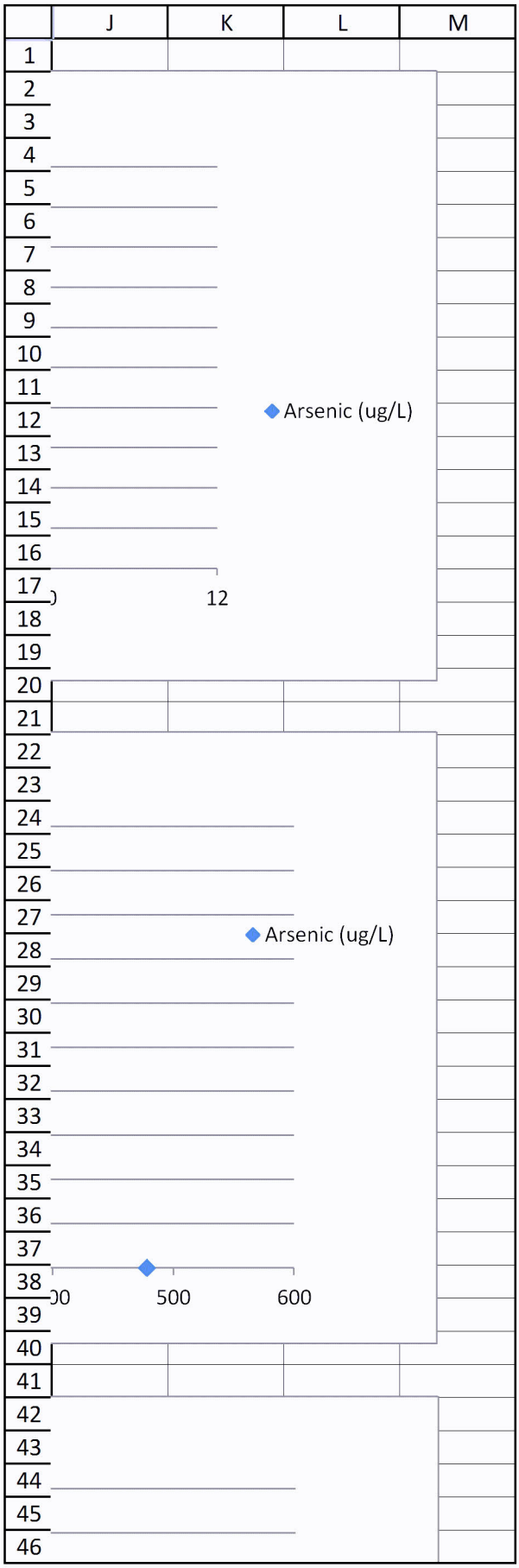

Methane (ug/L)
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
DO (%)

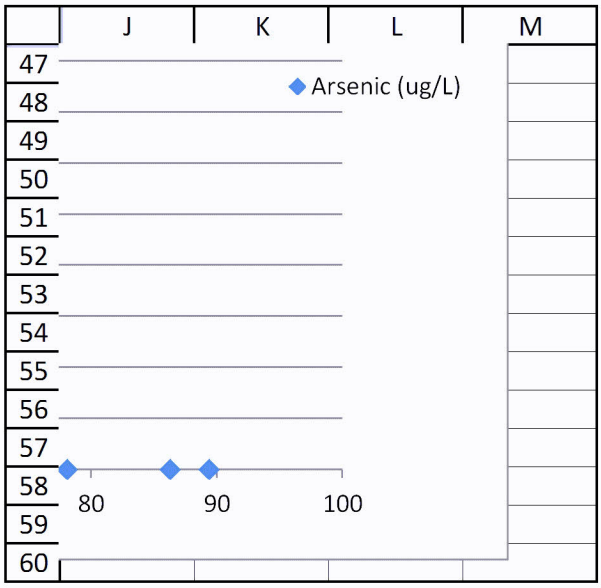

J
K
L
M
Methane (ug/L)
12.00
Methane (ug/L)
0
500.0
600.0

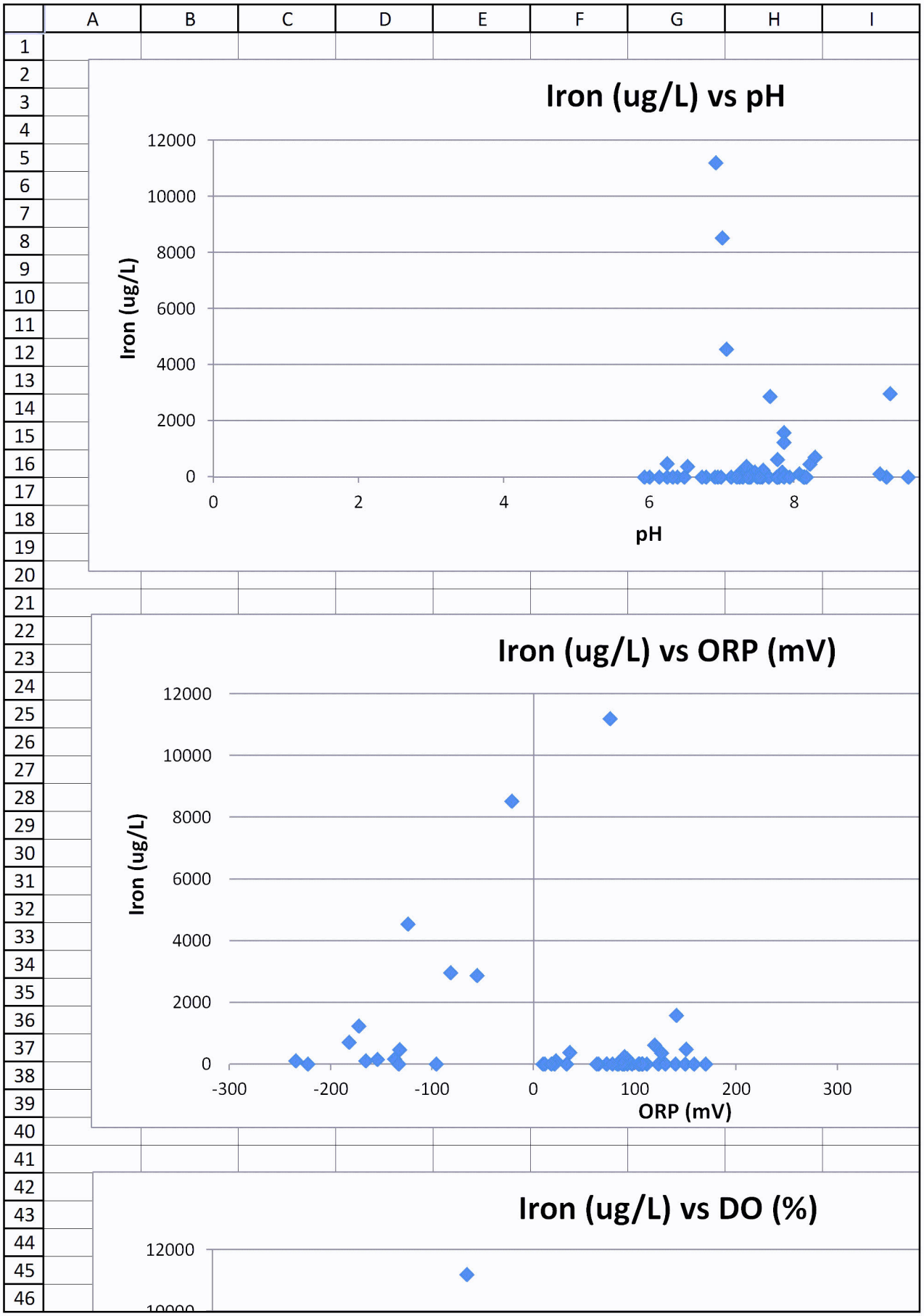

J
K
L
M
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
Methane (ug/L)
90.0
100.0

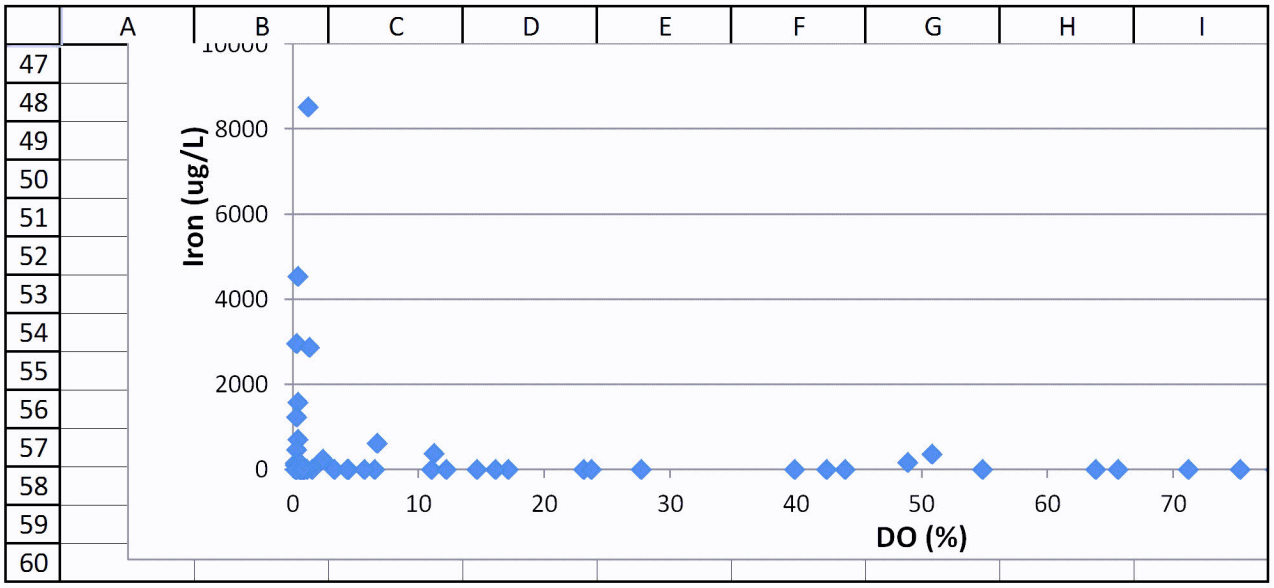

Arsenic (ug/L) vs pH
Arsenic (ug/L)
pH
Arsenic (ug/L) vs ORP (mV)
Arsenic (ug/L)
ORP (mV)
Arsenic (ug/L) vs DO (%)

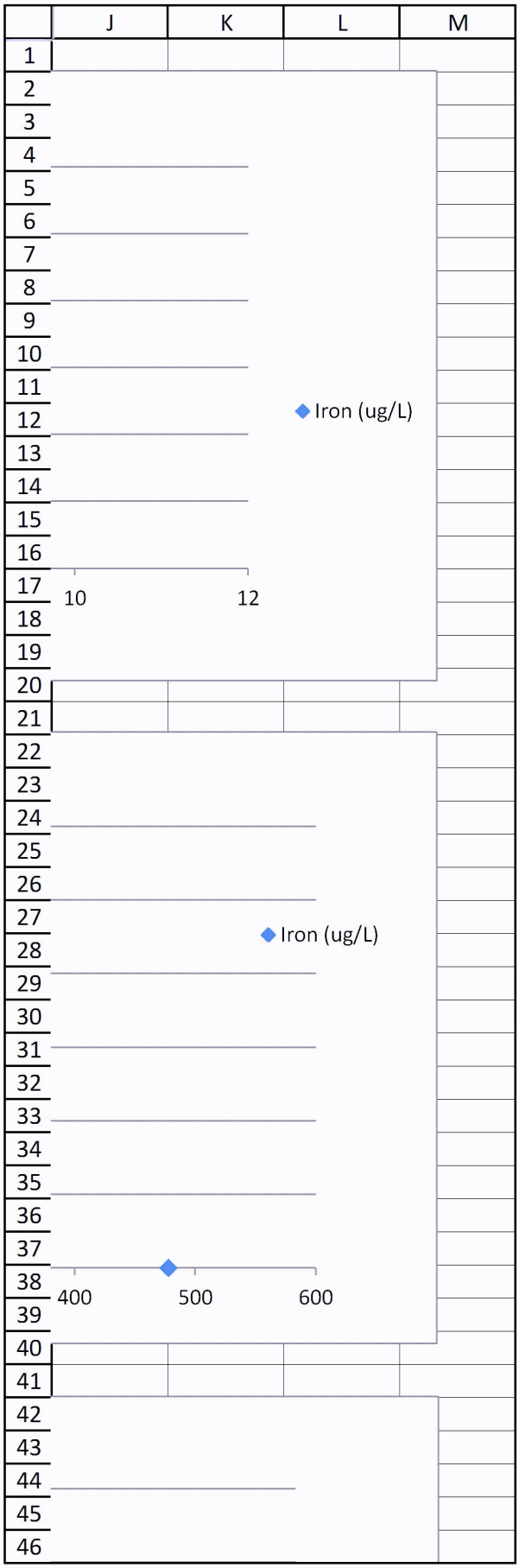

Arsenic (ug/L)
80
70
60
50
40
30
20
10
0
0
10
20
30
40
50
60
70
DO (%)

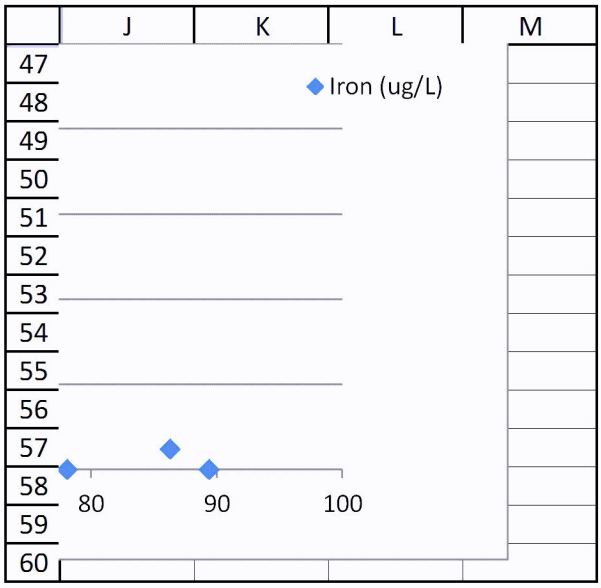

J
K
L
M
Arsenic (ug/L)
12
Arsenic (ug/L)
500
600

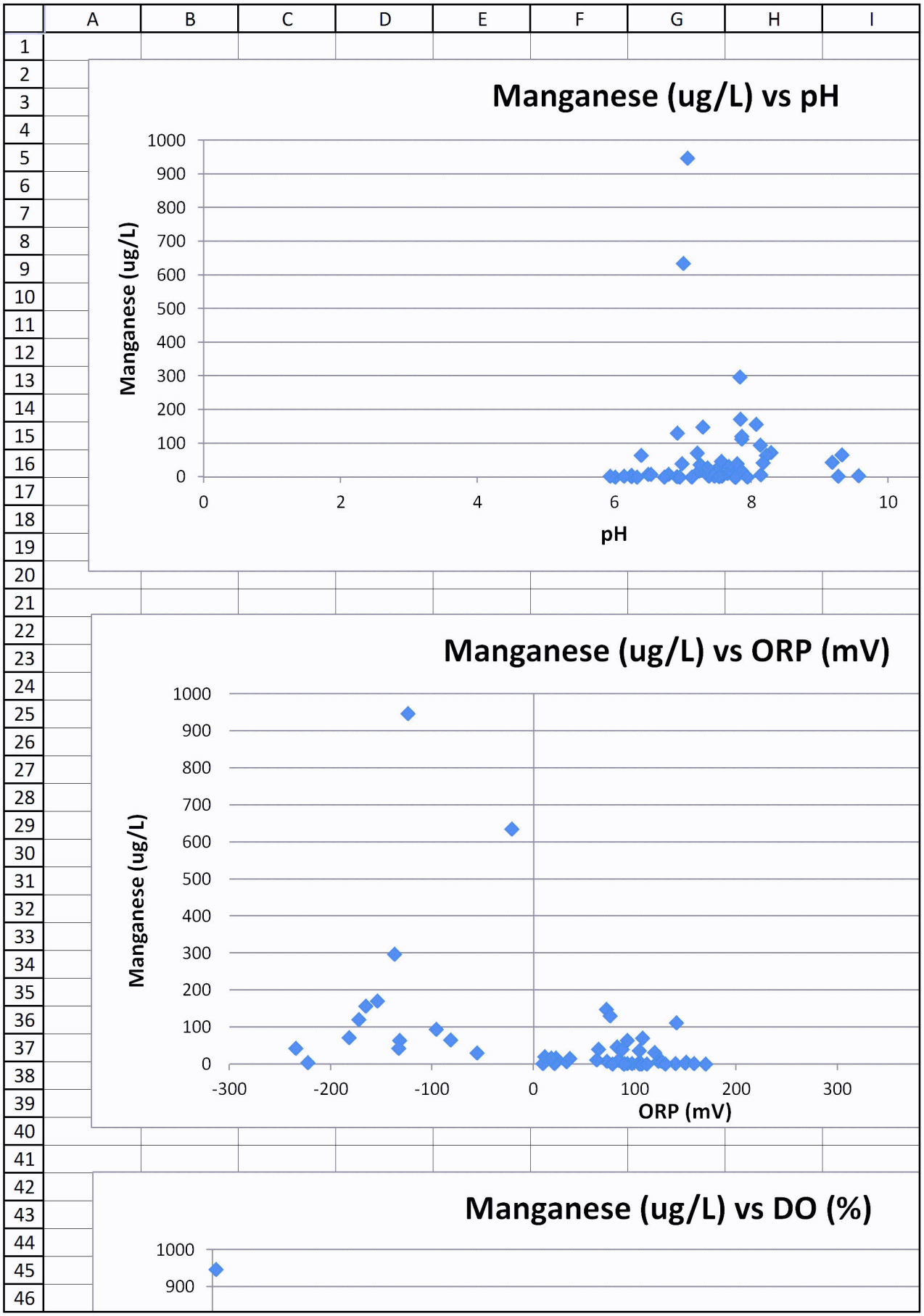

J
K
L
M
47
48
49
50
51
52
53
54
55
56
57
58
59
60
Arsenic (ug/L)
80
90
100

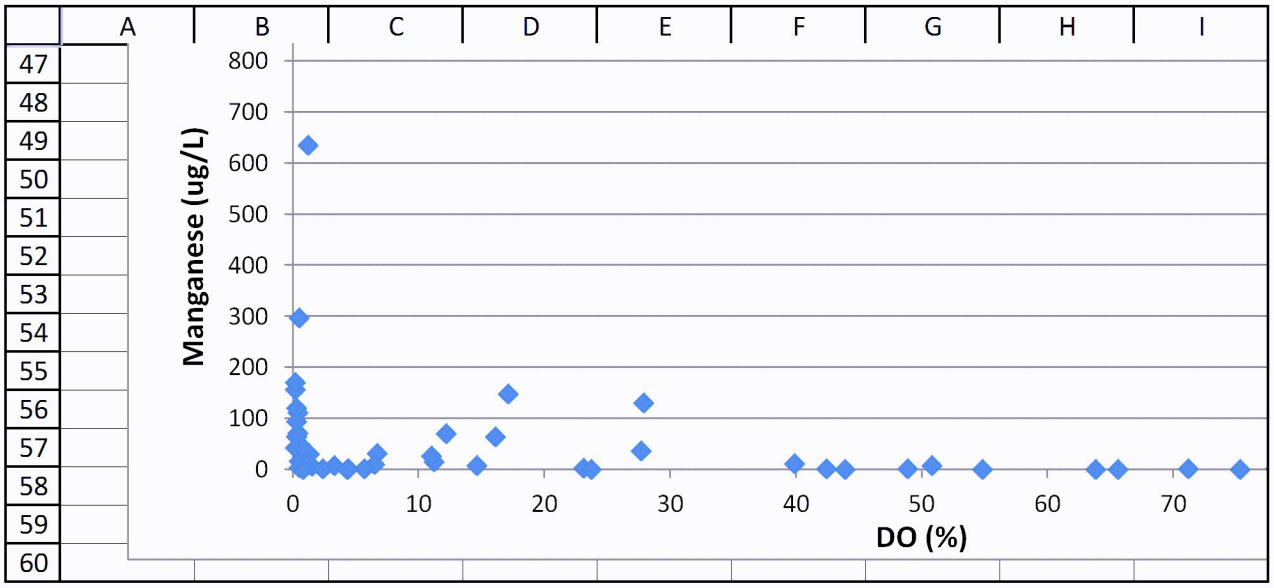

Iron (ug/L) vs pH
Iron (ug/L)
12000
10000
8000
6000
4000
2000
0
0
2
4
6
8
pH
Iron (ug/L) vs ORP (mV)
Iron (ug/L)
12000
10000
8000
6000
4000
2000
0
-300
-200
-100
0
100
200
300
ORP (mV)
Iron (ug/L) vs DO (%)
12000

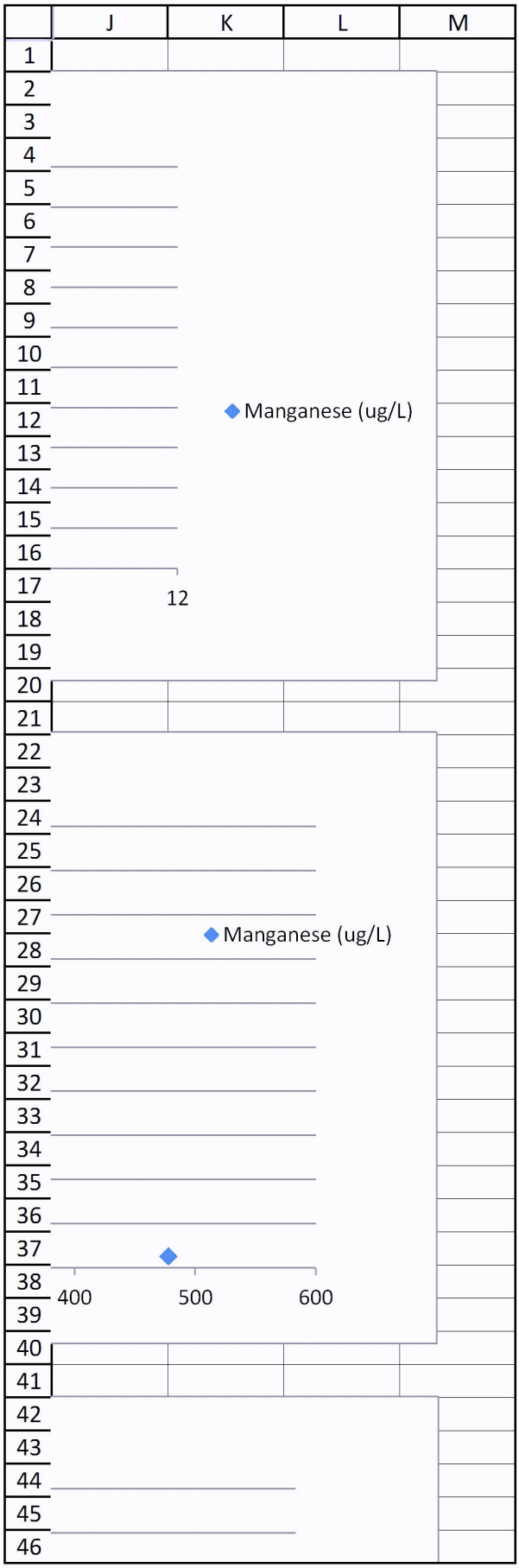

A
B
C
D
E
F
G
H
I
47
48
49
50
51
52
53
54
55
56
57
58
59
60
Iron (ug/L)
10000
8000
6000
4000
2000
0
0
10
20
30
40
50
60
70
DO (%)

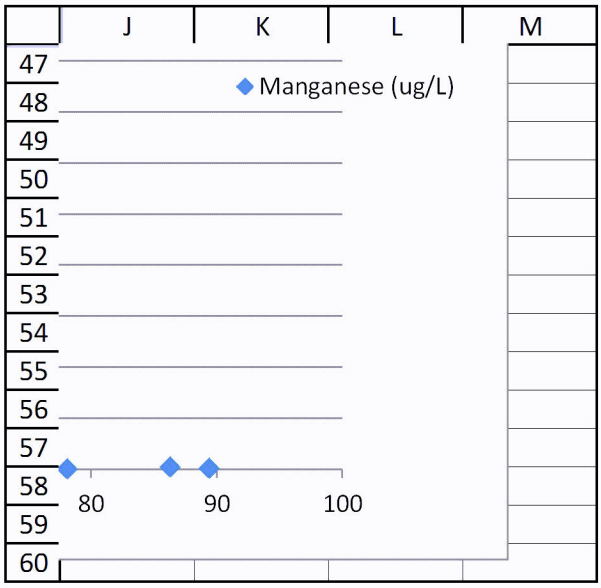

J
K
L
M
Iron (ug/L)
10
12
Iron (ug/L)
400
500
600


J
K
L
M
47
48
49
50
51
52
53
54
55
56
57
58
59
60
Iron (ug/L)
80
90
100


Manganese (ug/L) vs pH
Manganese (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
0
2
4
6
8
10
pH
Manganese (ug/L) vs ORP (mV)
Manganese (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
-300
-200
-100
0
100
200
300
ORP (mV)
Manganese (ug/L) vs DO (%)
1000
900


Manganese (ug/L)
800
700
600
500
400
300
200
100
0
0
10
20
30
40
50
60
70
DO (%)


J
K
L
M
Manganese (ug/L)
12
Manganese (ug/L)
400
500
600


J
K
L
M
47
48
49
50
51
52
53
54
55
56
57
58
59
60
Manganese (ug/L)
80
90
100