Groundwater Grab Samples Metals Analytical Results

LOCATION	SBD	SED	SAMPLE DATE	SAMPLE TYPE	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	BORON	CADMIUM	CALCIUM	CHROMIUM, TOTAL
					ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
PA-GW4	125	154	11/4/04	N	920000	<0.2	70	1900	20	1600	4.5	680000	390
PA-GW5	133	138	11/21/04	N	<33 UJ	1.1	19	63	<0.037	1200	<0.018	46000	9
PA-GW6	124	130	1/5/05	N	<21	0.78	1.6	52	<0.037	2200	<0.018	63000	2.6
PA-GW6	124	130	1/5/05	FD	<21	<0.78 UJ	1.5	51	<0.037	2200	<0.018	63000	1.8
PA-GW7	127	127	10/29/04	N	76000	<0.24 UJ	33	1300	4.3	3100	1	300000	110
PA-GW8	125	125	11/2/04	N	79000	0.3 J	28	1800	3.1	960	0.79	120000	64
PA-GW9	124	128	1/22/05	N	<21	<0.18 UJ	2.5	44	<0.037	1200	<0.018	120000	0.62
PA-GW10	120	135	11/8/04	N	<13	0.96	2.6	350	<0.037	3700	<0.018	110000	2.5
PA-GW11	115	120	11/10/04	N	<13	0.82	3.6	43	<0.037	2300	<0.018	58000	2.7
PA-GW12	98.5	109	12/18/04	N	<21	1.3	1.3	32	<0.037	2300	<0.018	150000	0.67
PA-GW13	152	157	1/8/05	N	<21	2.6	3.5	58	<0.037	2800	<0.018	61000	20
PA-GW14	138	147	2/8/05	N	<21	<0.62 UJ	0.57 J	41	<0.037	320	0.24 J	49000	0.67
PA-GW15	135.5	138	11/19/04	N	<26	<0.62 UJ	2.2	47	<0.037	2200	<0.018	100000	7.8
PA-GW16	135	138	11/18/04	N	<26	<0.46 UJ	7.9	110	<0.037	1400	<0.018	250000	27
PA-GW16	138	144	11/18/04	FD	<26	<0.47 UJ	8.7	120	<0.037	1400	<0.018	240000	30
PA-GW17	118	130	11/12/04	N	<30 UJ	<0.4 UJ	3.4	27	<0.037	400	0.12 J	54000 J	5.9
PA-GW18	115	120	1/23/05	N	1400	<0.087 UJ	7.7	27	5.4	2100	0.74	540000	0.98
PA-GW19	112	117	12/6/04	N	<13	0.61	4	35	0.2 J	2400	0.27	560000	0.77
PA-GW20	98	110	12/1/04	N	<39	0.63	1.6	110 J	<0.037	1800	0.61	530000	2.7
PA-GW21	81	97	11/24/04	N	4100	0.61	7.5	130	0.28 J	1600	0.14 J	480000	38
PA-GW22	96	99	11/22/04	N	<13	0.84	3.9	46	<0.037	1500	<0.018	170000	42
PA-GW23	104	119	12/4/04	N	16000	<0.84 UJ	4.2	75	24	1700	18	490000	18
PA-GW24	126	130	11/16/04	N	<48 UJ	<0.24 UJ	6.2	63	1.8	1200	0.028 J	250000	8.9
PA-GW25	96	119	12/7/04	N	<39	0.66	1.6	61	<0.037	2500	<0.018	430000	4.1
PA-GW26	105	119	12/14/04	N	<13	0.4 J	1.1	52	<0.037	2400	<0.018	120000	2.5 J
PA-GW26	105	119	12/14/04	FD	<13	0.67 J	1.8	60	<0.037	2300	<0.018	110000	4.4 J
PA-GW27	106	109	1/4/05	N	<21	<0.69 UJ	1.3	45	<0.037	2100	<0.018	130000	1.2
PA-MW-1	96	100	2/7/05	N	<21	<0.18 UJ	3.9	32	<0.037	1100	<0.018	180000	0.56
PA-MW-2	142	145	2/9/05	N	<21	<0.59 UJ	10	31	<0.037	1300	<0.018	100000	4.4
PA-MW-3	116.5	120	2/9/05	N	<21	<0.45 UJ	7.2	19	<0.037	2000	<0.018	58000	5.4

N - Normal sample.

FD - Field duplicate.

J - Estimated result.

SBD - Sample beginning depth.

SED - Sample end depth.

COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	MOLYBDENUM	NICKEL	POTASSIUM	SELENIUM	SILVER	SODIUM
ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
180	920	1100000	67	390000	15000	0.96	25	180	130000	15	0.42	270000
0.8 J	3.1	43 J	<0.067 UJ	10000	130		64	1.8	9300	14	<0.018	230000
1.3	2.3	8.5 J	<0.023	12000	680	<0.025	130	4.9	15000	11	<0.018	290000
1.3	2.1	82 J	<0.023	12000	720	<0.025	160	4.6	16000	11	<0.018	290000
57	1300	82000	32	44000	3800	0.12 J	27	100	43000	7.6	2.5	390000
28	710	83000	24	38000	1900	0.2	49	34	24000	8.9	0.23 J	190000
0.78	1.3	12 J	0.023 J	17000	250	<0.025	28	5.8	5800	7.3	<0.018	110000
5.1	8	220	0.12 J	22000	2300		160	7	15000	6.3	<0.018	350000
1.8	5.9	8.8 J	<0.023	13000	510		110	3.8	9900	14	<0.018	340000
3.6	8.8	<3	0.07 J	28000	850	<0.025	90	15	7500	16	<0.018	280000
2.4	4.1	14 J	<0.023	13000	450	<0.025	76	11	7300	83	<0.018	350000
0.64	3.6	<4.4 UJ	<0.035 UJ	7400	710	0.12 J	1000	7.1	5400	1.1	<0.018	74000
0.78 J	2.5	110 J	<0.023	21000	280		60	4.5	12000	13	<0.018	170000
18	6.8	6200	<0.023	64000	3800		73	26	21000	280	<0.018	410000
18	7	5000	<0.023	53000	3800		76	26	20000	290	<0.018	410000
2.1	41	<15 UJ	0.088 J	9900	440		34	12	<7000 UJ	12	<0.018	52000
150	23	70000	0.025 J	320000	6800	<0.025	11	50	12000 J	2.3	<0.018	250000
48	3.2	22000	<0.023	210000	6600	<0.025	63	40	18000	2.8	0.032 J	370000
41	43	4000	0.54	800000	3900	<0.025	39	66	20000 J	7	0.043 J	290000
17	380	41000	2.6	150000	4600	<0.025	170	76	23000	56	<0.018	390000
10	4.7	890	<0.33 UJ	26000	1800	<0.025	100	16	12000	34	<0.018	370000
1400	30	1400000	<0.026 UJ	350000	54000		48	1100	33000	6.7	0.093 J	250000
62	6.3	37000	<0.023	390000	6200		37	30	26000	3.3	<0.018	380000
8.9	7.2	140	<0.023	100000	1600	<0.025	110	36	17000	26	<0.018	530000
4	4.9	19 J	0.024 J	24000	1300 J	0.06 J	94 J	13	9700	9.1	<0.018	290000
6.2	4.5	14 J	0.063 J	22000	2200 J	<0.025	160 J	14	9900	9.5	<0.018	300000
2.4	2.8	120	<0.023	23000	750	<0.025	92	7.1	8500	13	<0.018	260000
1.3	1	<4 UJ	<0.043 UJ	29000	240	<0.025 UJ	41	8.1	5900	9.4	<0.018	150000
3.1	1.2	540	<0.026 UJ	49000	1900	0.33	98	9.5	10000	13	<0.018	230000
0.59	1.4	<15 UJ	<0.05 UJ	19000	260	0.12 J	130	3.6	9400	7.7	<0.018	260000

THALLIUM	VANADIUM	ZINC
ug/l	ug/l	ug/l
1.5	340	420
0.026 J	24	<1.6 UJ
0.021 J	1.2	<4.1 UJ
0.021 J	0.85 J	4.3
0.75 J	180	150
0.54 J	130	110
0.021 J	4.1	<3.4 UJ
0.02 J	1.5	110
<0.016	6.6	<3.9 UJ
<0.016	1	5.5
<0.016	11	<5.3 UJ
<0.016	0.46 J	2.9 J
<0.016	5.5	<4.1 UJ
0.019 J	9.4	<5 UJ
0.02 J	10	<5.3 UJ
0.025 J	2	80
0.087 J	0.4 J	59
0.047 J	0.26 J	18
0.029 J	6.3	65 J
0.071 J	17	72
<0.016	13	4.3
0.1 J	4.6	3700 J
0.054 J	2.6	12
0.025 J	1.4	17
<0.016	2	5.5
<0.016	2.3	<4.5 UJ
<0.016	0.87 J	<4.5 UJ
<0.016	5.1	4.8 J
<0.016	4.1	7.5
<0.016	7.3	3.3 J