



Pre-Permitting Environmental / Socio-Economic Data Report Series

Report Series E- Trace Elements (Sediments & Soils)

Report E-3 Summary of Mine Area Soil Analytical Results, 2004 - 2007

*Submitted to the Alaska Department of Natural Resources September 2008
Collected for the Pebble Partnership by: SLR Alaska*

Preliminary data. Do not cite or quote.

The Pebble Partnership is providing environmental and socio-economic baseline data collected to inform the development of the Pebble Project to state and federal agencies, project stakeholders and the general public prior to project permitting as part of its commitment to full and open disclosure.

A comprehensive Environmental Baseline Document (EBD) will subsequently be prepared and appended to future project permit applications. The EBD will also be made publicly available when complete.



Prepared for the Pebble Limited Partnership by:

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Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Aluminum (mg/Kg)	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Bismuth (mg/Kg)	Boron (mg/Kg)	Cadmium (mg/Kg)	Calcium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Iron (mg/Kg)
SEC1	8/26/2004	16100	0.161	13.3	62.9	0.363	0	0	0.109	973	14.8	6.17	19.4	26100
SEC2	8/25/2004	12900	0.188	3.53	113	0.313	0	0	0	2830	16.8	4.58	7.4	29500
SEC03	9/2/2004	6360	0	0	92.9	0.329	0	56.7	0.648	7180	5.68	1.15	10.5	4970
	9/2/2004	16400	0.128	4.54	55.4	0.2	0.0944	12.4	0	1360	12.6	5.09	10.8	19100
	9/2/2004	23600	0.698	6.64	76.3	0.317	0.0946	14.8	0	1810	30.1	10.2	15	34100
	9/3/2004	9190	0	0	55.5	0.192	0	0	0	720	5.93	0	8.21	613
	9/3/2004	31300	0.165	7.2	171	0.628	0	5.82	0	2040	28.5	13.3	18.1	30800
SEC04	8/26/2004	5280	0.0851	1.45	28.8	0.138	0	0	0	1800	2.71	4.22	9.54	14300
	9/2/2004	11800	0.164	6.12	41.5	0.289	0.107	11.9	0	696	15.7	4.97	28	18300
	9/2/2004	19700	0.214	8.58	79.9	0.473	0.143	12.2	0	1070	20	8.59	53	31000
	9/3/2004													
	9/3/2004	13200	0.181	23.4	74.9	0.395	0	4.76	0	2660	16.7	4.44	10.3	14800
	9/3/2004	15400	0.141	7.97	87	0.309	0	0	0	2610	15.1	2.57	7.28	10700
	9/3/2004	22800	0.147	6.43	126	0.414	0	0	0.0899	1800	23.2	13.7	17	24900
	9/3/2004	10800	0.09	3.29	95.3	0.178	0	0	0	1550	10	2.83	8.02	11300
	9/3/2004	11000	0.142	26	64.2	0.325	0	0	0	2300	17.4	10.5	12.9	19500
	9/3/2004	22600	0.142	7.2	125	0.55	0	0	0.112	1470	20	10.6	20.7	26300
SEC05	9/2/2004	14100	0.176	5.92	78.3	0.282	0.0819	0	0	2600	17.6	5.25	11.1	22900
	9/2/2004	9520	0.27	13.7	52.9	0.29	0.0798	10.6	0	2750	15.6	5.66	15	20500
	9/2/2004	10500	0.174	14.7	59.1	0.248	0	10.3	0	3480	12.8	7.74	16.1	23400
SEC06	9/2/2004	9180	0.188	25.3	58.9	0.335	0.798	11.2	0.867	1550	4.71	6.44	19.7	20300
	9/2/2004	12900	0.235	16	34.6	0.332	0.363	14.5	0.342	552	7.09	7.71	18.8	25500
SEC11	9/4/2004	29600	0.155	9.01	45.9	0.321	0	4.73	0	1070	11.8	5.72	14.6	24500
	9/2/2004	22800	0.196	9.08	40.6	0.249	0	4.61	0	918	11.9	5	14.5	22200
	9/2/2004	13500	0.167	8.29	65.2	0.29	0	4.75	0.156	1470	9.7	5.8	22.3	17900
	9/2/2004	22300	0.283	16.5	64.9	0.317	0	5.9	0.0742	1030	14.2	12.2	24.8	27600
SEC12	9/2/2004	15700	0.182	6.69	24.6	0.177	0	11.5	0.125	754	8.46	6.88	95.8	21600
	9/3/2004	16200	0.176	5.15	119	0.617	0	0	0.257	4170	15.4	3.75	20.1	9080
	9/3/2004	3560	0	0	66.1	0	0	0	0	5780	4.02	4.16	4.93	12900

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Lead (mg/Kg)	Magnesium (mg/Kg)	Manganese (mg/Kg)	Mercury (ug/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Potassium (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Sodium (mg/Kg)	Thallium (mg/Kg)	Tin (mg/Kg)
SEC1	8/26/2004	10.5	2830	325	66.9	0.554	9.97	1090	0.214	0.0929	153	0	1.33
SEC2	8/25/2004	5.61	2370	161	38.3	0.524	7.33	316	0.207	0.0948	189	0.025	1.32
SEC03	9/2/2004	2.03	615	68.6	79.4	2.51	0	256	2.34	0	188	0	5.67
	9/2/2004	5.39	3220	297	52.5	0.445	6.12	449	0.836	0	163	0.0324	1.24
	9/2/2004	6.03	6340	427	45	0.512	18.4	400	1.14	0	104	0	1.48
	9/3/2004	3.2	93.4	5.43	164	0	0.59	151	1.25	0	174	0	0
	9/3/2004	7.16	4430	642	59.2	0.652	13.3	475	0.43	0.0386	131	0.168	1.27
SEC04	8/26/2004	1.82	989	308	13.9	0.734	1.52	174	0.181	0	58.6	0	1.07
	9/2/2004	5.02	1710	201	126	1.57	5.99	483	0.595	0.057	112	0	1.19
	9/2/2004	6.58	3280	356	65.2	2.61	10.5	694	0.777	0.101	166	0	1.22
	9/3/2004												
	9/3/2004	6.21	2370	251	16.2	1.63	8.01	638	0.624	0	231	0.114	1.32
	9/3/2004	6.01	2090	84.3	0	0.691	8.25	553	0.559	0	359	0.0683	1.91
	9/3/2004	6.03	5020	606	46.8	0.573	17	597	0.457	0	151	0.0882	1.16
	9/3/2004	3.39	1640	113	44.3	0.514	4.62	454	0.346	0.0552	107	0.0785	1.28
	9/3/2004	5.99	3670	788	0	1.86	8.88	823	0.406	0	158	0.0983	1.06
9/3/2004	6.31	4820	539	35.4	0.539	14.2	737	0.496	0	139	0.074	1.21	
SEC05	9/2/2004	7.7	3060	311	27.3	0	6.66	615	0.533	0.0598	255	0	1.19
	9/2/2004	4.53	3650	408	14.7	0.698	6.83	511	0.31	0.0356	315	0	1.06
	9/2/2004	4.56	5210	493	0	0.681	8.29	755	0.283	0.048	282	0	1.03
SEC06	9/2/2004	78.4	2380	1840	24.7	2.21	1.91	959	1.22	0.669	56.2	0.141	1.12
	9/2/2004	51	1820	1470	69.9	1.28	2.87	753	1.31	0.927	78.8	0.0849	1.45
SEC11	9/4/2004	8.61	2940	342	55.2	0.744	5.3	371	1.41	0	148	0	1.4
	9/2/2004	8.26	2320	312	52.1	0.706	4.99	388	1.13	0	134	0	1.37
	9/2/2004	11	3130	527	14	0.75	5.4	524	0.417	0	110	0	1.07
	9/2/2004	10.5	3620	457	30	0.696	9.14	469	0.802	0	138	0	1.19
SEC12	9/2/2004	23.5	4210	519	29.2	1.69	4.43	367	1.25	0.0708	77.1	0	1.15
	9/3/2004	4.7	1070	124	144	0.919	9.42	201	0.943	0	148	0.0563	2.22
	9/3/2004	1.36	965	138	0	0	3.44	211	0	0	0	0	6.08

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Vanadium (mg/Kg)	Zinc (mg/Kg)	Chloride (mg/Kg)	Fluoride (mg/Kg)	Sulfate (mg/Kg)	Cyanide (mg/Kg)	Nitrogen, Ammonia as N (mg/Kg)	pH (pH Units)	Diesel Range Organics (mg/Kg)	Residual Range Organics (mg/Kg)	Total Organic Carbon (%)
SEC1	8/26/2004	54.7	54.6	8.69	0	11.9	0.21	162				
SEC2	8/25/2004	39.6	28.2	0.829	0.52	2.4	0.28	263				
SEC03	9/2/2004	10.8	9.81	0	0	354	0.11	2200				
	9/2/2004	50.2	31.5	0.752	0	5.98	0.16	150				
	9/2/2004	66.6	51.2	0.805	0	2	0.14	297				
	9/3/2004	4.67	2.77	0	0.903	44.9	0.58	945				
	9/3/2004	70.4	54.7	0	0.436	5.59	0.1	69.3				
SEC04	8/26/2004	39.7	15.3	0	0	0.657	0.047	22.4				
	9/2/2004	32.5	28.7	0.558	0	3.05	0.19	109				
	9/2/2004	55.4	44.3	0.563	0	5.12	0.14	89.3				
	9/3/2004									45.8	301	3.51
	9/3/2004									44.5	310	2.91
	9/3/2004	39.3	26.2	1.37	0.803	3.61	0.21	180		26.1	42.6	1.17
	9/3/2004	22.5	37.6	28.3	1.55	15.8	0.22	235				
	9/3/2004	59.2	50.7	3.09	0.61	2.98	0.39	171				
	9/3/2004	26.1	25.2	11.4	0.492	5.59	0.57	302				
	9/3/2004	48.1	32.4	0.511	1.27	3.7	0.047	50.2		20.1	32.5	0.6
9/3/2004	61.9	49.6	0.57	0	2.82	0.22	143		30.8	262	2.51	
SEC05	9/2/2004	56.2	37.6	2.49	3.1	3.28	0.2	95.8				
	9/2/2004	39.1	38.4	0	0	0.854	0.14	46.2		20.1	106	0.936
	9/2/2004	54.5	50.2	0	0.404	2.54	0.09	30.3				
SEC06	9/2/2004	51.6	187	0	0.576	3.85	0.28	51.9				
	9/2/2004	63.9	227	5.49	0	3.77	0.46	358				
SEC11	9/4/2004	60.5	42.3	1.38	0.52	7.78	0.23	150				
	9/2/2004	54.2	40.9	0.903	0	3.29	0.32	246				
	9/2/2004	40.4	59.7	0.409	0.334	1.6	0.16	75.6				
	9/2/2004	57.1	52.1	0	0	18.9	0.21	106		23.2	146	3.21
SEC12	9/2/2004	50.8	60.7	2.18	0	6.08	0.13	82.7				
	9/3/2004	42	15.5	0	2.54	84.1	0.43	1160				
	9/3/2004	8.59	8.74	0	39.3	129	0.26	1090				

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Aluminum (mg/Kg)	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Bismuth (mg/Kg)	Boron (mg/Kg)	Cadmium (mg/Kg)	Calcium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Iron (mg/Kg)
SEC12E	8/27/2004	12200	0.14	3.87	33.8	0.211	0.161	0	0	340	9.26	1.38	6.35	14700
SEC13	8/26/2004	15200	0.185	10.5	58.9	0.382	0	0	0	741	13.4	9.35	14.5	20000
	9/3/2004	18000	0.196	9.63	72.3	0.348	0.121	0	0	864	22.1	7.36	26.1	23400
	9/3/2004	25000	0.214	10.5	73.6	0.411	0	0	0	1060	24.8	8.83	28.1	27800
	9/3/2004	16100	0.221	8.19	58.6	0.396	0.102	0	0	1200	12.7	5.07	18.8	20900
SEC16	9/4/2004	14600	0.274	13	101	0.47	0.111	0	0.089	1180	15.5	5.98	12.7	18500
	9/4/2004	16400	0.19	9.48	34.2	0.226	0	0	0	881	12.3	5.06	9.77	20600
	9/4/2004	20800	0.269	13	109	0.402	0	5.95	0	1300	15	5.79	12	23500
SEC17	9/4/2004	26900	0.213	12.3	64.8	0.365	0	6.21	0	1280	22.8	6.84	24.2	31200
	9/4/2004	18800	0.226	12.6	68.1	0.434	0	5.87	0	1070	17.5	6.35	17.1	22100
	9/4/2004	24700	0.222	8.81	74.9	0.403	0	5.82	0	1000	18.6	6.77	24.8	24800
SEC18	9/4/2004	23000	0.282	12.7	71.5	0.454	0.135	0	0.125	1080	20.8	10.6	26.1	23700
	9/4/2004	28300	0.164	7.15	41.1	0.278	0.14	0	0.125	865	13.1	4.22	16.6	24600
	9/4/2004	21900	0.273	13.3	92.7	0.485	0.122	0	0.0949	1580	22.4	10.6	36.5	26300
SEC19	9/2/2004	16600	0.23	9.26	49.2	0.258	0.0804	11.7	0	1410	13.8	5.67	11.8	19900
	9/2/2004	16400	0.28	10.6	108	0.419	0.0911	11.3	0.0839	1620	15.9	5.84	11.6	22400
	9/3/2004													
	9/3/2004													
SEC20	9/3/2004	18900	0.168	7.46	36.5	0.257	0	0	0	710	14.6	4.42	17.3	19300
	9/3/2004	20500	0.2	9.74	58.1	0.316	0	0	0	908	16.5	8.53	27.1	21300
SEC21	9/2/2004	22000	0.248	12.3	174	0.697	0.132	0	0.143	2150	27.8	14.2	112	28300
	9/2/2004	4900	0	2.39	24.6	0	0	0	0	1020	3.2	0	16.3	5270
	9/3/2004	12200	0.139	3.69	55.6	0.293	0	0	0	2020	6.32	5.27	20.9	14500
	9/3/2004	23200	0.228	4.29	106	0.354	0	0	0.195	4630	10.2	2.78	18.3	15500
SEC22	9/3/2004	18900	0.257	11.1	48.8	0.364	0.243	4.88	0	959	16.5	7.83	13.1	22800
	9/3/2004	26700	0.152	6.5	71.6	0.466	0.0878	0	0.109	1030	16.6	6.67	13.4	21900
	9/3/2004	15700	0.16	9.51	63.6	0.379	0	0	0.0963	1320	15.7	7	14	19600
SEC22W	8/26/2004	1730	0.257	4.39	62.5	0.678	0	0	0.248	1420	11.7	2.21	13.1	9440
SEC23	9/2/2004	12900	0.188	9.51	41.6	0.333	0.14	0	0.0717	893	8.05	4.22	8.02	14900
	9/3/2004	5820	0.26	7.67	31.8	0.304	0	0	0.879	3860	8.05	2.14	23	6380

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Lead (mg/Kg)	Magnesium (mg/Kg)	Manganese (mg/Kg)	Mercury (ug/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Potassium (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Sodium (mg/Kg)	Thallium (mg/Kg)	Tin (mg/Kg)
SEC12E	8/27/2004	6.34	406	75.5	57.3	0.547	1.14	238	0.849	0.145	136	0	1.45
SEC13	8/26/2004	8.75	2710	650	36.1	0.424	9.1	575	0.297	0	99.1	0.0099	1.2
	9/3/2004	5.78	3820	378	35.7	0.848	11.1	790	0.735	0	117	0.107	1.24
	9/3/2004	5.95	4380	392	38.3	0.744	12.6	808	0.849	0	123	0.114	1.27
	9/3/2004	5.85	2050	283	25.4	2.17	7.19	744	0.822	0	185	0.0606	1.27
SEC16	9/4/2004	8.25	3630	409	26.6	0.631	8.66	725	0	0.0843	131	0.0672	1.1
	9/4/2004	6.14	2820	285	29.6	0.883	5.26	419	0.85	0	128	0.124	1.19
	9/4/2004	7.07	3800	430	30.6	0.547	7.97	705	0.39	0	0	0.0125	1.15
SEC17	9/4/2004	7.86	3690	140	62.3	1.09	9.96	625	0.634	0	132	0.0643	1.33
	9/4/2004	8.43	3130	341	49.4	0.715	7.44	663	0.47	0	140	0.0306	1.16
	9/4/2004	6.68	3250	274	55.2	1.06	8.36	599	0.682	0	130	0.0256	1.19
SEC18	9/4/2004	8.97	4090	507	63	0.691	14.4	649	0.375	0.0898	147	0.0982	1.23
	9/4/2004	6.82	1910	192	201	0.789	5.74	311	1.39	0.0642	127	0.0768	1.5
	9/4/2004	10.1	5170	584	59.4	0.544	15	1330	0.302	0.0862	165	0.173	1.18
SEC19	9/2/2004	6.68	2880	315	31.8	0.577	6.32	505	0.713	0.0479	148	0	1.17
	9/2/2004	7.33	3300	457	31.4	0.589	7.15	660	0.425	0.08	146	0	1.13
	9/3/2004												
	9/3/2004												
SEC20	9/3/2004	5.86	2240	220	67.1	0.857	5.93	437	0.954	0	112	0.0488	1.36
	9/3/2004	6.38	3500	358	38.8	1.23	11.2	591	0.593	0	120	0.0748	1.24
SEC21	9/2/2004	9.64	4800	867	60.3	1.7	16.7	714	0	0.11	171	0.2	1.22
	9/2/2004	1.48	160	16.3	85.8	3.84	0	0	1.13	0	246	0.16	3.82
	9/3/2004	4.04	2450	476	33.4	1.46	4.36	492	0.405	0	67.6	0.0562	1.2
	9/3/2004	7.62	1870	140	143	4.01	5.5	510	0.977	0	130	0.221	2.84
SEC22	9/3/2004	8.3	3130	417	38.5	0.529	10.6	599	0.554	0	135	0.0714	1.13
	9/3/2004	5.9	2850	339	47.3	0.96	8.53	428	0.765	0	98.1	0.225	1.26
	9/3/2004	8.01	3460	558	40.6	0.518	9.8	704	0.421	0	139	0.138	1.08
SEC22W	8/26/2004	6.18	1280	81.8	78.8	9.09	2.34	190	2.07	0.314	0	0	3.68
SEC23	9/2/2004	7.12	2610	287	22.2	0.714	5.14	467	0.429	0.0541	141	0.0794	1.08
	9/3/2004	1.48	298	48	55.1	2.47	2.08	0	1.11	0	271	0.187	4.05

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Vanadium (mg/Kg)	Zinc (mg/Kg)	Chloride (mg/Kg)	Fluoride (mg/Kg)	Sulfate (mg/Kg)	Cyanide (mg/Kg)	Nitrogen, Ammonia as N (mg/Kg)	pH (pH Units)	Diesel Range Organics (mg/Kg)	Residual Range Organics (mg/Kg)	Total Organic Carbon (%)
SEC12E	8/27/2004	42.8	16.1				0.2					
SEC13	8/26/2004	45.2	40.3	0	0	2.23	0.068	70.1				
	9/3/2004	64.1	39.7	2.88	0	4.92	0.28	139				
	9/3/2004	72.6	44.1	2.94	0	5.7	0.18	110				
	9/3/2004	47.1	55.4	3.28	1.75	31.5	0.17	108				
SEC16	9/4/2004	46.5	33.4	0.74	0	5.62	0.11	30.8		21.3	32.7	0.31
	9/4/2004	50.2	32.5	1	0	2.21	0.18	97.1				
	9/4/2004	44.2	37	0.513	0.836	5.45	0.057	30.4		23	31.4	0.462
SEC17	9/4/2004	66.5	41.3	1.01	0	5.16	0.15	94.7				
	9/4/2004	52	41.9	0.926	0.551	2.92	0.11	63.3				
	9/4/2004	57.9	39.8	2.91	0	3.77	0.27	113				
SEC18	9/4/2004	61.8	35.6	2.72	0	14.5	0.17	162				
	9/4/2004	61.3	40.6	1.64	0	5.89	0.4	291				
	9/4/2004	67.1	45.1	1.54	0.612	5.38	0.15	70.9				
SEC19	9/2/2004	48.4	34.7	1.58	0	9.3	0.1	110				
	9/2/2004	49.6	40.4	1.31	0	9.33	0.057	17.6				
	9/3/2004									24.5	162	2
	9/3/2004									19.8	55.2	0.572
SEC20	9/3/2004	58.3	34.6	5.09	0	9.39	0.36	161				
	9/3/2004	56.2	37	3.01	0	7.78	0.2	92.1				
SEC21	9/2/2004	66.7	50.6	2.43	0.48	7.03	0.19	29				
	9/2/2004	13.7	0	33.8	0	328	0.25	1070				
	9/3/2004	47.8	45.6	3.31	0	8.15	0.082	115				
	9/3/2004	41.7	34.6	8.66	1.91	35.6	0.34	1290				
SEC22	9/3/2004	49.9	50.8	2.87	0	7.01	0.15	94				
	9/3/2004	49.5	49.1	2.43	0	1.22	0.29	146				
	9/3/2004	43.7	47.8	0	0	2.28	0.15	52.3				
SEC22W	8/26/2004	66.6	18.2	12.8	0	23.3	0.12	1160				
SEC23	9/2/2004	30.4	25.7	8.72	0	32.4	0.11	49.4				
	9/3/2004	25.4	4.84	12.8	0	174	0.29	1610		302	3620	65.1

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Aluminum (mg/Kg)	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Bismuth (mg/Kg)	Boron (mg/Kg)	Cadmium (mg/Kg)	Calcium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Iron (mg/Kg)
SEC24	9/3/2004	1750	1.5	36.1	57.7	0.288	0.223	0	0.303	1820	33.9	12.7	132	2860
	9/3/2004	17900	0.182	5.19	62.7	0.268	0	0	0.24	1690	18.2	7.98	83.3	16200
SEC26	9/2/2004	21000	0.18	6.9	41.3	0.21	0.369	0	0	565	20.7	1.84	36.7	7460
SEC26E	8/25/2004	16700	0	8.77	35	0.303	0	6.76	0	1190	5.2	3.46	6.42	14900
SEC26W	8/26/2004	25500	0.0511	2.54	71.4	0.227	0	0	0.0978	2820	11	10.9	17.2	32300
SEC27	9/3/2004	11000	0.24	9.53	48.9	0.374	0.073	0	0	1670	10.2	4.68	13	17600
	9/3/2004	14500	0.168	11.1	92.9	0.452	0	0	0.0894	1050	14.5	6.85	18.9	18000
	9/3/2004	92600	0.163	10.3	44.5	0.359	0	0	0	794	13.1	5.88	14.7	103000
	9/4/2004	14500	0.121	6.04	70.7	0.424	0	3.59	0	1840	11.7	4.86	9.91	19300
	9/4/2004	12200	0.245	11.1	85.3	0.369	0	4.05	0.107	3130	17.2	5.51	12.8	22800
	9/4/2004	18700	0.185	7.32	87	0.325	0	3.83	0	2270	17.5	5.93	10.6	21200
SEC28	8/25/2004	26300	0.162	5.56	68.6	0.482	0	0	0	2240	20.5	11.6	19.7	31200
	9/2/2004	20000	0.322	11.2	58.5	0.419	0.104	12.4	0	2280	20.8	6.22	53	17000
	9/2/2004	16000	0.35	13	47.1	0.308	0.0929	11	0	1390	17.3	8.58	50.6	28500
	9/3/2004	109000	0.241	3.16	96	0.439	0	0	0.131	1700	11.3	4.8	14.6	64900
	9/3/2004	16200	0.202	0	68.5	0.506	0	0	0.374	2280	8.05	1.8	16.1	6470
	9/3/2004	21000	0.195	2.7	80.2	0.422	0	0	0.103	1570	10.1	4.24	13.1	12200
SEC29	9/2/2004	22400	0.483	49.2	163	0.451	0.34	11.8	0	780	39.7	9.75	192	57500
SEC30	8/26/2004	12500	0.164	5.95	43.1	0.345	0	0	0	1090	13.1	5.2	8.71	16400
	9/2/2004	13300	0.12	4.18	36.7	0.162	0.197	0	0	402	13.6	4.26	16.6	17400
	9/2/2004	20100	0.224	5.54	59.4	0.266	0.205	0	0.269	2170	25.2	4.82	52.6	18100
SEC31	9/2/2004	19500	0.411	10.2	44	0.231	0.224	0	0.117	948	10.2	6.14	54.1	23700
SEC32	9/2/2004	17900	0.152	5.15	96.9	0.392	0.0961	0	0.094	2410	16.4	6.83	13.5	20100
	9/2/2004	4750	0.0884	2.24	22.1	0.0514	0.143	0	0.31	412	6.05	1.39	18.4	8370
	9/2/2004	22400	0.25	8.88	47.3	0.313	0.282	0	0	511	25.5	8.71	134	39200
SEC34	9/3/2004	17800	0.0397	2.2	67.8	0.243	0	0	0	4270	10.6	7.6	14.4	19300
	9/3/2004	15800	0.0919	2.22	72.4	0.294	0	0	0.17	7020	13	9.69	17.9	18900
	9/4/2004	27900	0.191	8.79	105	0.409	0	6.81	0	1830	20.3	6.78	14.2	30600
	9/4/2004	16600	0.199	4.43	94.6	0.367	0	5.28	0.119	4240	18.4	5.34	15.5	17900
SEC35	8/25/2004	11900	0.27	8.92	29	0.359	0.114	0	0.235	623	9.69	2.06	8.15	14900

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Lead (mg/Kg)	Magnesium (mg/Kg)	Manganese (mg/Kg)	Mercury (ug/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Potassium (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Sodium (mg/Kg)	Thallium (mg/Kg)	Tin (mg/Kg)
SEC24	9/3/2004	12.1	3750	461	56.2	1.47	18.5	779	0.567	0.453	110	0.133	1.18
	9/3/2004	5.37	2250	214	79.5	0.93	15.4	592	0.613	0.0988	123	0.166	1.4
SEC26	9/2/2004	5.87	1700	61	83.3	2.56	4.85	279	2.39	0.112	116	0	2.03
SEC26E	8/25/2004	3.92	2220	117	94.1	0	4.12	0	0	0	0	0	0
SEC26W	8/26/2004	7.85	9340	462	42.8	0	10.8	430	0.436	0.0527	153	0	1.4
SEC27	9/3/2004	6.41	3460	343	20.8	0.467	7.89	703	0.281	0	131	0.0654	1.13
	9/3/2004	8.04	3370	489	35.6	0.424	9.57	727	0.257	0	129	0.0694	1.14
	9/3/2004	7.34	2880	430	41.6	0.617	7.24	511	0.726	0	135	0.0746	1.18
	9/4/2004	5.05	3290	418	13.7	0	5.71	554	0.182	0	151	0	1.06
	9/4/2004	7.85	2880	414	18.5	0.401	6.31	617	0	0	251	0	1.13
	9/4/2004	8.38	3380	232	19.4	0	7.19	624	0.227	0	180	0	1.14
SEC28	8/25/2004	10.4	5730	339	60.8	0.639	18.7	591	0.799	0.0817	276	0	1.47
	9/2/2004	9.17	3650	139	30.6	4.44	8.06	468	1.25	0.081	169	0	1.24
	9/2/2004	6.44	3490	404	37.2	1.44	9.81	577	0.922	0.0388	175	0	1.1
	9/3/2004	7.23	2520	138	81	5.32	5.53	299	0.613	0	134	0.104	1.75
	9/3/2004	4.34	965	114	111	2.29	1.94	168	1.03	0	151	0.0927	3.47
	9/3/2004	6.95	2230	123	60.8	4.48	4.87	291	0.659	0	112	0.0931	1.53
SEC29	9/2/2004	4.64	7210	262	52.1	13.6	16	5510	2.71	0.296	512	0.235	1.18
SEC30	8/26/2004	5.34	3160	318	31.2	0	7.2	359	0.69	0	118	0	1.15
	9/2/2004	6.12	1050	119	64.8	1.1	5.37	252	0.878	0.0616	97.7	0.0902	1.62
	9/2/2004	10.6	3410	148	50.6	2.22	14.1	421	1.15	0.114	199	0.121	1.91
SEC31	9/2/2004	12.3	2460	407	49.7	2.47	6.58	385	0.925	0.0721	125	0.251	1.4
SEC32	9/2/2004	7.7	4440	511	25	0	9.65	642	0.221	0.0959	149	0.0405	1.22
	9/2/2004	13.8	762	71	45.8	1.3	1.59	484	0.298	0.162	103	0.0653	1.64
	9/2/2004	16.7	5930	337	53.6	4.6	14.7	1200	1.9	0.153	106	0.12	1.18
SEC34	9/3/2004	4.03	6730	441	0	0.478	7.94	229	0.673	0	131	0.0215	1.15
	9/3/2004	5.83	8780	603	0	0.565	10.2	309	0.899	0	192	0.0515	1.46
	9/4/2004	11	4150	289	27.8	0.554	9.82	828	0.478	0	185	0	1.26
	9/4/2004	8.51	4540	255	0	0	8.2	1030	0	0	322	0	1.19
SEC35	8/25/2004	8.64	1110	151	63.7	1.2	2.9	728	0.536	0.174	332	0.0136	1.61

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Vanadium (mg/Kg)	Zinc (mg/Kg)	Chloride (mg/Kg)	Fluoride (mg/Kg)	Sulfate (mg/Kg)	Cyanide (mg/Kg)	Nitrogen, Ammonia as N (mg/Kg)	pH (pH Units)	Diesel Range Organics (mg/Kg)	Residual Range Organics (mg/Kg)	Total Organic Carbon (%)
SEC24	9/3/2004	97.7	170	2.8	0.473	6.37	0.15	79.5				
	9/3/2004	49.1	50.9	1.97	0	18	0.75	417				
SEC26	9/2/2004	33.9	16.2	3.61	0.862	24.5	0.23	422				
SEC26E	8/25/2004	35.2	19.1	3.16	0	2.28	0.32	627				
SEC26W	8/26/2004	76.6	48.1	0.657	0	4.83	0.33	213				
SEC27	9/3/2004	37.5	44.6	0.45	0	1.65	0.16	125				
	9/3/2004	40.2	49	0.662	0.53	2.09	0.094	65.1				
	9/3/2004	52.4	40	0.966	0	5.72	0.26	816				
	9/4/2004	41.7	41.9	0	0	0	0.076	13.5				
	9/4/2004	58.3	38.9	1.07	0.497	1.11	0.055	3.66				
	9/4/2004	51.8	34.1	1.29	0.786	4.21	0.11	30.3				
SEC28	8/25/2004	76.2	45.9	0.927	0	18.5	0.39	183				
	9/2/2004	67.2	36.3	1.56	6.36	1820	0.098	85.1				
	9/2/2004	64.2	47.2	0.751	0	3.94	0.16	55.7				
	9/3/2004	68.2	45.5	1.57	0	61.3	0.21	247		127	1370	6.1
	9/3/2004	22.8	15.1	2.41	0	170	0.45	1140				
	9/3/2004	63	39.6	0	0	18.2	0.22	224		141	1050	4.73
SEC29	9/2/2004	139	30.4	2.72	0	5.06	0.18	67.2				
SEC30	8/26/2004	37	31.9	1.8	0	6.46	0.11	85.6				
	9/2/2004	52.2	16.2	0.762	0	1.27	0.29	405				
	9/2/2004	52.3	71.3	0	0	64.1	0.23	578				
SEC31	9/2/2004	70.2	46.6	3.06	0	3.63	0.46	196				
SEC32	9/2/2004	47	35.4	1.96	0	5.84	0.085	28.9				
	9/2/2004	31.9	16.4	2.9	0.617	2.58	0.23	397				
	9/2/2004	76.6	30.9	1.91	0	8.54	0.14	199				
SEC34	9/3/2004	60.1	33.3	0.56	0	1.77	0.31	240				
	9/3/2004	70.7	44	1.94	0.522	8.01	0.63	445				
	9/4/2004	64.9	45.6	2.98	0	6.31	0.19	70.7				
	9/4/2004	49.8	55	2.44	0.593	6.26	0.046	74				
SEC35	8/25/2004	40.3	44.1				0.17					

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Aluminum (mg/Kg)	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Bismuth (mg/Kg)	Boron (mg/Kg)	Cadmium (mg/Kg)	Calcium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Iron (mg/Kg)
SEC36	8/25/2004	23700	0.0551	1.43	126	0.4	0	0	0.0828	3670	48.3	12.3	13	28300
	9/2/2004	18000	0.844	73.8	51	0.529	0.142	0	0.104	1350	19.4	21.9	64.3	29100
	9/2/2004	15000	0.162	7.28	41.8	0.221	0.13	0	0	956	10.2	3.03	6.57	16000
235271	7/12/2005	19900	0.365	11.1	73	0.325	0.174	6.87	0.481	830	16.9	5.35	12.5	24400
	7/11/2006	5840	0.0776	5.04	29.5	0.0648	0.123	0	0.311	490	8.59	1.77	6.74	7070
	7/18/2007	33900	0.5	24.2	150	0.73	0	0	0.48	1810	26.9	9.75	20.6	19100
235281	7/12/2005	25700	0.318	10.4	59.5	0.669	0.173	0	0.273	1590	21.3	7.91	15.7	23600
	7/11/2006	13300	0.159	7.69	54.4	0.358	0.127	1.58	0.177	1120	15	6.38	14.4	13800
235361	7/12/2005	25500	0.0971	2.18	166	0.545	0	0	0	4760	53.1	13.6	14.5	25700
	7/18/2007	44000	0	4	258	0.69	0	0	0.2	6260	87.5	23.1	27.2	43500
236271	7/12/2005	10600	0.262	8.07	51.1	0.323	0.096	0	0	1260	13	3.66	11.8	16300
236272	7/12/2005	14600	0.227	13.5	94	0.518	0.0812	4.61	0.344	1800	15.1	7.65	26	23100
236273	7/12/2005	17200	0.203	9.7	34.4	0.333	0.115	5	0	869	15.7	4.86	13.6	21000
236351	7/11/2005	8220	0.182	2.73	30	0.219	0	0	0	588	7.83	1.42	6.33	12200
236352	7/11/2005	2480	0.0618	1.44	23	0.0704	0	0	0	887	2.37	0.445	3.19	2550
	7/12/2006	3080	0.12	6.46	25.3	0.155	0	0	1.59	1650	2.7	0.81	8.22	3410
236353	7/11/2005	3150	0.145	1.4	20.1	0.129	0	0	0	2370	3.44	0.638	3.57	2890
	7/12/2006	16200	0.301	2.45	258	0.583	0	2.07	0.655	3420	40.1	11.7	26.6	17200
	7/19/2007	21700	0.4	12.9	45.2	0.63	0	0	0.48	1820	20.4	4.82	13	10300
335011	7/15/2006	12100	0	7.46	20.6	0.292	0	0	0	550	2.58	1.24	4.83	7170
	7/18/2007	50700	0.2	6	152	0.75	0	0	0.23	2430	27.8	19.2	16.1	34000
335021	7/12/2005	6670	0.506	3.65	235	0.245	0	0	0	10400	5.62	17.3	16.9	9270
	8/9/2005	6620	0	0	81.6	0.249	0	3.42	0.406	6770	4.74	3.56	16.3	2980
	7/12/2006	16800	0.311	12.3	225	0.477	0	3.16	0.642	13600	30.1	10.7	27.5	33000
335031	7/12/2005	10800	0.0845	1.48	23.3	0.138	0	0	0	583	7.67	1.1	5.75	6140
	7/12/2005	28200	0.241	8.36	159	0.738	0.0815	4.84	1.31	3620	40.5	10.9	24.9	33000
335032	7/12/2005	26500	0.228	8.81	111	0.672	0.0887	4.46	0.642	1850	33	10.5	20.4	30400
335081	7/15/2006	14600	0.0698	1.03	14.8	0.0862	0.175	0.942	0	273	6.51	0.766	8.46	3800
	7/19/2007	22000	0	1.8	24.2	0.14	0	0	0.09	820	18.6	0	7.4	588
335091	7/12/2005	26700	0.212	8.61	27.5	0.354	0.186	0	0.437	646	14.6	3.57	13.5	25200

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Lead (mg/Kg)	Magnesium (mg/Kg)	Manganese (mg/Kg)	Mercury (ug/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Potassium (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Sodium (mg/Kg)	Thallium (mg/Kg)	Tin (mg/Kg)
SEC36	8/25/2004	2.83	4890	372	23.3	0	23.1	254	0	0.105	266	0	1.21
	9/2/2004	7.72	2810	529	48.5	1.46	26.6	603	1.49	0.377	82.6	0.161	1.26
	9/2/2004	6.18	1610	176	38.8	0.608	3.74	263	0.738	0	132	0.131	1.3
235271	7/12/2005	18.9	3430	437	83.9	0.922	7.48	603	0	0.0624	143	0.126	1.41
	7/11/2006	10.1	806	174	61.4	0.758	2.44	457	3.7	0.133	83.3	0.0136	1.76
	7/18/2007	30.1	4500	630	0	1	15.2	800	0.84	0.13	200	0	0
235281	7/12/2005	10.7	4210	550	60.5	0.881	12.2	581	0.28	0	253	0.123	1.42
	7/11/2006	9.37	2800	296	81.5	0.775	9.1	433	3.83	0.0605	140	0.119	1.33
235361	7/12/2005	4.39	5600	1110	55.1	0	20.4	454	1.1	0	399	0.228	2.24
	7/18/2007	6.69	8170	2120	0	1	53.8	520	1.37	0.08	790	0	0
236271	7/12/2005	6.82	3670	195	47.4	0.531	6.21	780	0.958	0	232	0.0695	1.52
236272	7/12/2005	10.7	3740	690	38.6	0.591	10.3	1010	0.709	0	193	0.0828	1.32
236273	7/12/2005	7.68	3540	326	53	0.603	8.15	654	1.19	0	204	0.0789	1.31
236351	7/11/2005	6.35	377	101	88.5	0.607	1.72	1010	1.39	0	182	0.101	1.95
236352	7/11/2005	2.45	223	23.6	96.1	0.492	0.738	376	0.821	0	85.1	0.0359	1.58
	7/12/2006	6.17	548	51.5	232	0	1.45	1290	10.5	0	136	0.117	3.59
236353	7/11/2005	2.74	671	35.5	141	0.864	0.953	800	1.12	0	135	0.0173	2.64
	7/12/2006	12.4	4290	222	131	0	16.4	699	1.57	0.0603	258	0.0907	1.67
	7/19/2007	11.9	2660	360	0	1.2	9.9	930	1.01	0.1	380	0	0
335011	7/15/2006	2.32	82.9	11	135	0	1.46	0	4.1	0	0	0	0
	7/18/2007	8.66	7160	2180	190	1	20.4	660	0.76	0.04	310	0	0
335021	7/12/2005	2.09	1440	6560	336	0	7.74	458	3.06	0	165	0.21	5.31
	8/9/2005	1.54	946	184	311	0	4.19	240	1.38	0.109	0	0.0746	0
	7/12/2006	9.37	5050	1040	251	1.75	17.3	1090	10.9	0.182	293	0.19	4.62
335031	7/12/2005	3.38	673	39.3	52.1	0	1.84	198	0.826	0	230	0.0326	1.63
	7/12/2005	7.71	6000	427	42.4	0.734	12.6	765	0.68	0.0619	310	0.115	1.71
335032	7/12/2005	8.62	4950	529	45.6	0.753	11	649	0.713	0	218	0.116	1.61
335081	7/15/2006	5.43	738	28.7	45.6	0	2	168	2.22	0	118	0.105	1.96
	7/19/2007	7.17	450	19.4	260	1	2.8	300	3.02	0.08	300	0	0
335091	7/12/2005	9.17	1870	199	69.5	0.924	4.7	458	2.29	0	174	0.113	1.62

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Vanadium (mg/Kg)	Zinc (mg/Kg)	Chloride (mg/Kg)	Fluoride (mg/Kg)	Sulfate (mg/Kg)	Cyanide (mg/Kg)	Nitrogen, Ammonia as N (mg/Kg)	pH (pH Units)	Diesel Range Organics (mg/Kg)	Residual Range Organics (mg/Kg)	Total Organic Carbon (%)
SEC36	8/25/2004	75.6	45.6	0	1.01	0.674	0.11	57				
	9/2/2004	70.5	29.4	2.81	0	3.53	0.15	135				
	9/2/2004	47.2	16.6	0	0.471	2.46	0.4	219				
235271	7/12/2005	63.5	104	0	1.46	2.4	0.25	225				
	7/11/2006	31.3	40.4	0.678	1.83	2.14	0.1	149				
	7/18/2007	0	176	0	0	6	0	0	4.8			1.5
235281	7/12/2005	67.6	46.5	0.729	0	7.03	0.11	123				
	7/11/2006	39.8	39.5	0	0	2.27	0.17	178				
235361	7/12/2005	84.1	48	3.22	0	3.34	0.18	718				
	7/18/2007	0	64	0	0	0	0	0	5.2			5
236271	7/12/2005	36.6	38.8	1.58	0	0.625	0.14	302				
236272	7/12/2005	61.5	69.8	0.44	0	0	0.062	55				
236273	7/12/2005	50.3	41	0.811	0	3.24	0.11	151				
236351	7/11/2005	37.7	30.2	6.04	0	3.96	0.13	293				
236352	7/11/2005	5.44	14.2	0	0	0	0.15	245				
	7/12/2006	5.13	81	1.38	0	1.24	0.095	651				
236353	7/11/2005	6.35	71.9	1.63	0	1.5	0.08	468				
	7/12/2006	60.7	82.6	1.4	4.38	1.23	0	17.8		26.3	146	1.02
	7/19/2007	25.8	67	0	0	5	0	0	4.7			1.3
335011	7/15/2006	28.5	19.7	8.14	0	6.33	0.049	798				
	7/18/2007	0	103	0	0	0	0	0	5.3			1.1
335021	7/12/2005	8.85	33.8	9	3.2	22.8	0.16	1340				
	8/9/2005	5.06	6.12	3.51	1.28	19.4	0.12	747		253	2650	6.5
	7/12/2006	71.1	63.7	2.52	2.71	9.79	0.12	1330				
335031	7/12/2005	21.9	10.1	0.61	0	1.73	0.18	220				
	7/12/2005	91.7	70.2	0.558	0.437	2.94	0.09	59.4				
335032	7/12/2005	90.6	59.2	0.445	0	1.43	0.15	75.5				
335081	7/15/2006	21.7	12.3	5.02	0	11.8	0.12	592				
	7/19/2007	0	7	0	0	0	0	0	4.4			7.9
335091	7/12/2005	69.5	36.2	0.838	0	1.51	0.26	230				

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Aluminum (mg/Kg)	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Bismuth (mg/Kg)	Boron (mg/Kg)	Cadmium (mg/Kg)	Calcium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Iron (mg/Kg)
335092	7/12/2005	18000	0.274	11	130	0.503	0.0939	3.92	0.779	3200	25.9	9.43	21.6	25600
335093	7/12/2005	6230	0.211	7.3	29.8	0.111	0.28	0	0.364	448	11.2	2.53	10	13900
335101	7/15/2006	23400	0.124	8.15	131	0.543	0.109	3.82	0.202	1650	20	10	69.4	30700
	7/20/2007	23200	0.4	12.3	135	0.57	0	0	0.17	2270	30.4	11	77	23800
335131	7/11/2005	4170	0	10.9	101	0.301	0	0	0.78	3760	5.43	1.61	11.8	29800
	7/13/2006	3090	0.258	5.98	61.9	0	0	0	0	5610	1.55	3.12	8.26	23900
335132	7/11/2005	2190	0	3.17	58.3	0	0	0	0	4870	2.35	2.19	3.13	6770
	7/14/2006	21600	0.0669	2.48	117	0.287	0	4.87	0.286	1670	10	11.2	8.43	39600
335134	7/17/2007	30500	0.2	3.8	226	0.68	0	0	0.78	6100	51.2	8.39	32.3	14800
335135	7/19/2007	2290	0.2	3.4	56.7	0.08	0	0	0.17	6380	4	2.8	7.7	16700
335141	7/11/2006	12200	0.13	8.04	128	0.366	0	3.3	0.247	3180	28.9	14.4	14.2	23000
	7/16/2007	27500	0.3	10.8	137	0.6	0	0	0.42	3370	37.3	17.5	15.8	30100
335142	7/11/2006	22000	0.0734	5.57	70.5	0.4	0	2.18	0.108	1780	16.1	8.34	9.66	29400
	7/16/2007	41100	0.2	9.1	87.8	0.71	0	0	0.24	4000	52.3	24.2	24	18100
335143	7/12/2006	9070	0.135	7.39	231	0.329	0.108	1.19	0.465	6650	26	7.43	21.9	7230
	7/16/2007	27500	0.4	13.5	255	0.64	0	0	0.58	8200	41.9	8.84	28.3	7550
335144	7/14/2006	2290	0	0	24.6	0	0	0	0	617	1.27	0.662	5.72	3970
	7/17/2007	16400	0	17.1	78.1	0.24	0	0	0.27	3320	33.1	11.8	33	34600
335145	7/14/2006	2480	0	3.86	33.4	0.199	0	0	0	2260	0	1.82	4.12	6440
	7/18/2007	1820	0.3	4.5	45.6	0	0	0	0.08	4220	0	2.87	5.9	6090
335161	7/12/2005	17200	0.233	6.71	126	0.359	0.201	6.6	0.186	1730	22.7	8.09	18.9	20600
335162	7/12/2005	26900	0.347	16.2	206	0.741	0.441	6.74	0.846	4230	38.6	15.6	58.2	37100
	7/12/2005	14600	0.435	17.5	164	0.583	0.41	4.47	1.05	4700	31.2	13.4	92.2	24400
335163	7/12/2005	26200	0.235	7.87	148	0.538	0.0887	6.47	0.557	3550	38.3	13.4	28.1	39900
	7/12/2005	29400	0.281	9.79	196	0.668	0.136	6.59	0.43	3010	32	12	29.7	34700
335171	7/12/2005	34100	0.384	10.6	102	0.643	0.368	0	0.22	1330	38.3	7.16	46.5	30100
335172	7/12/2005	20800	0.401	14.4	115	0.5	0.25	4.74	0.157	1450	38.7	12.4	42.7	21700
335173	7/12/2005	29500	0.246	10.8	116	0.481	0.263	0	0.212	1370	30.2	6.58	45.9	24900
335174	7/13/2005	13700	0.2	11.3	63.3	0.49	0.103	0	0.349	1340	12.2	6.72	14.2	18800
335175	7/13/2005	10100	0.352	12.4	51.6	0.28	0.2	0	0.572	705	14.9	4.05	16.7	15300

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Lead (mg/Kg)	Magnesium (mg/Kg)	Manganese (mg/Kg)	Mercury (ug/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Potassium (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Sodium (mg/Kg)	Thallium (mg/Kg)	Tin (mg/Kg)
335092	7/12/2005	10.8	5590	657	44.5	0.505	12.3	1010	0.342	0.0449	259	0.105	1.32
335093	7/12/2005	7.62	918	151	69.2	1.26	2.93	597	1.02	0	162	0.124	1.69
335101	7/15/2006	6.59	4760	571	55.4	0.972	13.9	576	0.778	0.101	131	0.0838	1.22
	7/20/2007	9.67	5170	770	80	2.1	15.7	1170	0.72	0.07	300	0	0
335131	7/11/2005	0	74.1	10.3	172	0	2.97	0	3.27	0	0	0.0576	7.43
	7/13/2006	3.86	395	2440	162	0	5.32	0	3.79	0	0	0.0565	7.2
335132	7/11/2005	0.659	798	14.1	122	0	2.84	0	1	0	165	0.0379	5.22
	7/14/2006	4.73	3370	1070	140	0	7.89	399	1.41	0	127	0.0871	2.01
335134	7/17/2007	9.65	4020	130	0	1	19.6	380	1.42	0.15	1030	0	0
335135	7/19/2007	1.65	500	1900	0	1	5.2	130	0.77	0.03	130	0	0
335141	7/11/2006	7.88	5340	379	40.8	0.576	15.6	496	2.04	0.0508	160	0.0345	1.4
	7/16/2007	9.49	5760	850	110	1.9	15.6	780	0.35	0.12	330	5	0
335142	7/11/2006	5.57	3550	340	65.6	0	9.76	351	0.767	0.0645	170	0.0294	1.45
	7/16/2007	8.42	9930	1070	120	1.2	29.2	690	0.91	0.06	270	0	0
335143	7/12/2006	8.68	3410	147	61.2	8.63	12.6	474	4.15	0	280	0.087	1.6
	7/16/2007	12.2	3870	190	100	11.5	17.8	840	1.76	0.16	590	0	0
335144	7/14/2006	0.67	164	17	110	0	1.35	0	1.4	0	0	0.0236	3.42
	7/17/2007	7.67	7860	460	120	1	21	340	0.62	0.05	460	0	0
335145	7/14/2006	1.5	665	38.6	126	2.59	1.87	0	1.8	0	0	0	6.3
	7/18/2007	1.68	1020	91.7	400	1.7	3	150	0.68	0	290	0	0
335161	7/12/2005	7.02	4340	414	137	1.1	13.9	1220	0	0.0863	293	0.161	1.43
335162	7/12/2005	10.4	5330	692	62.9	2.49	17.8	1300	0	0.0844	298	0.331	1.28
	7/12/2005	9.78	3940	370	46.1	5.92	15.2	1400	0	0.169	299	0.214	1.29
335163	7/12/2005	7.54	6150	548	72.3	0.778	19.5	945	0	0	338	0.108	1.17
	7/12/2005	8.39	4970	510	43.4	1.35	17.1	932	0	0.0384	270	0.119	1.09
335171	7/12/2005	10.1	5980	269	174	1.5	16.5	1360	0.64	0	285	0.24	1.8
335172	7/12/2005	8.09	3380	528	45.5	1.26	17.8	1500	0.304	0	253	0.19	1.24
335173	7/12/2005	8.22	5180	169	71.7	1.43	14.8	1370	1.02	0	296	0.21	1.26
335174	7/13/2005	8.38	4450	513	93.6	0.492	9.16	629	0.975	0	124	0.0834	1.24
335175	7/13/2005	10.7	2340	211	101	0.958	6	838	4.39	0.122	199	0.156	2.36

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Vanadium (mg/Kg)	Zinc (mg/Kg)	Chloride (mg/Kg)	Fluoride (mg/Kg)	Sulfate (mg/Kg)	Cyanide (mg/Kg)	Nitrogen, Ammonia as N (mg/Kg)	pH (pH Units)	Diesel Range Organics (mg/Kg)	Residual Range Organics (mg/Kg)	Total Organic Carbon (%)
335092	7/12/2005	74.9	69.7	0.398	0	1.26	0	23.3				
335093	7/12/2005	74.9	26.4	0.904	0	0.823	0.19	200				
335101	7/15/2006	47.2	51.8	0	0.414	0.719	0.042	46				
	7/20/2007	75	58	0	0	5	0	0	5.2			1
335131	7/11/2005	29.1	7.68	0	0	45.1	0.47	1460				
	7/13/2006	9.41	11	4.16	0	13.2	0.063	850				
335132	7/11/2005	5.79	10.2	6.58	1.69	7.74	0.071	479				
	7/14/2006	54.8	57.3	1.5	0	8.63	0.11	196				
335134	7/17/2007	0	68	0	0	0	0	2.5	5.4			6.4
335135	7/19/2007	17.5	6	3	0	25	0	1.9	5.3			3.6
335141	7/11/2006	50	66.2	0	0	0.762	0.057	109				
	7/16/2007	0	86	0	0	4	0	3	4.9			1.4
335142	7/11/2006	49.6	35.4	0.785	1.51	5.81	0.14	96.6				
	7/16/2007	0	93	0	0	10	0	0	5.3			1.7
335143	7/12/2006	37.1	45.3	1.15	2.63	3.11	0.07	296				
	7/16/2007	0	57	0	0	0	0	1	5.8			6.3
335144	7/14/2006	0	8.47	3.07	0	17.3	0.11	837		1300	12300	52.3
	7/17/2007	0	49	0	0	0	0	0	4.5			2.8
335145	7/14/2006	0	16.3	7.81	0	2.29	0.054	631				
	7/18/2007	0	15	5	0	26	0	0	4.7			2
335161	7/12/2005	67	59.4	1.43	0	1.49	0.21	356		345	2010	2.7
335162	7/12/2005	98.5	85.8	0.428	1.19	0.464	0.06	27.6		24.7	85.7	0.63
	7/12/2005	90.3	83.8	0.502	0.388	0	0.04	8.41				
335163	7/12/2005	89.3	71.6	0	0	0.644	0.1	73.3				
	7/12/2005	83.8	67.9	0	0	0.94	0.07	71.5				
335171	7/12/2005	106	54.8	3.17	0	3.84	0.28	995				
335172	7/12/2005	94.9	58.5	0.436	0	0.582	0.19	142				
335173	7/12/2005	83.7	42.9	1.28	0	5.91	0.25	382				
335174	7/13/2005	42.8	44.9	0.415	0	0.554	0.076	78				
335175	7/13/2005	60.8	44.8	0	0	1.38	0.11	362				

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Aluminum (mg/Kg)	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Bismuth (mg/Kg)	Boron (mg/Kg)	Cadmium (mg/Kg)	Calcium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Iron (mg/Kg)
335176	7/13/2005	25500	0.269	13.4	72.1	0.509	0.156	0	0.257	899	19.1	8.33	37.2	29800
335191	7/13/2005	21800	0.187	9.42	48.8	0.391	0.159	0	0.169	638	13.2	5.59	25.7	20800
	7/14/2006	20400	0.115	8.02	50	0.242	0.103	2.85	0.14	559	9.74	5.78	19.4	19900
335192	7/13/2005	25100	0.223	9.87	52.3	0.384	0.174	0	0.185	801	16.2	6.75	32.2	21000
335193	7/13/2005	1790	0	54.6	52.4	0	0	0	0	4380	3.24	12.3	4.83	43800
	7/12/2006	2560	0	39.8	66.6	0	0	0	0	6720	7.48	5.95	6.99	21200
335201	7/13/2005	19100	0.254	14.9	57.2	0.293	0.307	0	0.171	464	18.6	2.29	86.4	25700
335231	7/13/2005	1710	0	20.2	43.5	0	0	0	0	7370	3.6	1.34	5.29	21100
335232	7/13/2005	1950	0	12.9	61	0	0	0	0	9870	2.84	2.52	5.64	31600
335233	7/11/2006	22200	0.13	13	248	0.625	0.111	4.03	0.209	2270	39.3	16	41.2	29700
	7/20/2007	48000	0.4	14.2	270	0.99	0	0	0.22	3580	54	16.9	46.3	19300
335234	7/12/2006	4770	0.114	3.87	32.5	0.247	0	1.47	0.422	1460	4.19	1.02	6.15	7570
	7/20/2007	37800	0.8	3.6	270	1.14	0	0	0.73	4700	53.7	14.6	30	23400
335235	7/12/2006	18600	0.262	9.52	234	0.545	0.0814	3.56	0.249	3350	37.6	17.8	26.6	29100
	7/17/2007	35800	0.5	17	224	1.05	40	0	0.33	4490	45.6	18.3	28	36600
335241	7/12/2006	12300	0.16	13.5	70.6	0.206	0.117	2.01	0.153	880	21.7	7.06	18.6	19000
	7/19/2007	24100	0.4	18.5	94.1	0.32	0	0	0.16	2830	33.4	10.2	22.2	37200
335242	7/13/2006	19200	0.256	12.3	210	0.566	0.118	5.72	0.21	4300	25	17.4	19.4	56400
	7/19/2007	25900	0.5	16	232	0.82	0	0	0.34	8540	52.8	23.6	25.7	27600
335243	7/13/2006	5900	0.0665	1.73	52.8	0.119	0	0.535	0.0882	1370	4.06	2.48	4.41	6810
	7/19/2007	17000	0.3	7.8	84.8	0.34	0	0	0.16	3210	15.6	7.25	14.1	21800
335244	7/13/2006	6780	0.261	56.6	62.5	0	0	2.14	0	2580	3.08	5.8	18.4	53900
	7/18/2007	9980	0.4	64.6	109	0.37	0	0	0.4	5140	11.2	5.85	27.3	24500
335245	7/13/2006	22800	0.174	7.45	153	0.555	0	2.17	0.266	7040	26.8	10.5	20.5	25700
	7/18/2007	29900	0.3	14.5	174	0.66	0	0	0.24	6130	40.5	11.7	29.8	24300
335246	7/13/2006	21200	0.157	7	126	0.461	0	2.69	0.178	3180	24.2	10.2	16.8	29600
	7/18/2007	36200	0.5	21.1	234	0.88	0	0	0.26	5840	58.2	16.3	35.9	24300
335261	7/14/2005	3360	0.0994	3.72	17.8	0	0	0	0	1220	3.58	0.861	4.23	4930
335281	7/13/2005	20000	0.22	14.9	68.4	0.396	0.117	0	0.259	1340	19.9	9.16	69.5	29700

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Lead (mg/Kg)	Magnesium (mg/Kg)	Manganese (mg/Kg)	Mercury (ug/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Potassium (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Sodium (mg/Kg)	Thallium (mg/Kg)	Tin (mg/Kg)
335176	7/13/2005	9.19	3950	451	79	1.48	8.58	701	2.42	0.0595	129	0.145	1.38
335191	7/13/2005	6.47	2930	312	59.8	1.16	7.23	496	1.7	0	104	0.104	1.31
	7/14/2006	6.76	2400	274	39.8	0.83	7.42	522	0.981	0	83.7	0.0839	1.28
335192	7/13/2005	6.56	3340	285	76.9	1.31	8.87	548	3.56	0	136	0.118	1.54
335193	7/13/2005	3.66	1570	154	329	0	1.73	2430	11	0	569	0.0688	8.34
	7/12/2006	5.33	1500	137	109	0	4.06	719	22.9	0	251	0	7.3
335201	7/13/2005	4.51	2500	57.2	198	5.45	6.49	1320	5.4	0.468	180	0.195	2.53
335231	7/13/2005	2.26	864	127	252	0	1.16	335	15.9	0	0	0.184	8.9
335232	7/13/2005	2.07	892	246	219	0	1.28	0	18.4	0	0	0.19	8.17
335233	7/11/2006	12.2	5540	293	108	1.4	18.9	490	4.17	0.0714	254	0.178	1.68
	7/20/2007	14.6	6810	310	90	1.7	25.2	970	1.84	0.1	660	0.17	0
335234	7/12/2006	7.7	500	138	174	0.979	1.97	1580	6.26	0.0824	180	0.102	2.51
	7/20/2007	15.1	7230	280	80	1	23.2	1620	0.5	0.13	540	0	0
335235	7/12/2006	11.8	4750	731	138	0.564	22.5	494	1.92	0.0488	138	0.0566	1.56
	7/17/2007	13.7	6140	900	140	1	23.9	1450	0.72	0.09	360	0	0
335241	7/12/2006	9.45	3230	338	119	1.16	9.06	318	3.83	0.0598	131	0.0282	1.55
	7/19/2007	10.6	5750	660	260	1.7	13.4	780	0.96	0.07	420	0	0
335242	7/13/2006	10.1	4690	1300	222	0.687	17.1	673	1.1	0.104	234	0.0825	1.7
	7/19/2007	13.3	6620	1640	120	1	23.8	1270	0.55	0.09	880	0	0
335243	7/13/2006	2.64	1210	93.1	45	0	3.07	267	0.699	0	73.6	0.0478	1.4
	7/19/2007	6.98	3440	470	220	1	10.1	720	0.7	0.04	220	0	0
335244	7/13/2006	4.92	322	85.1	187	5.95	3.9	219	3.54	0	0	0	4.17
	7/18/2007	4.32	440	170	400	8.4	7.5	190	2.89	0.12	110	0	0
335245	7/13/2006	9.15	5000	191	438	2.15	15.1	300	2.2	0.115	305	0.109	2.57
	7/18/2007	10.1	5410	390	100	1.9	22.2	490	2.06	0.13	510	0	0
335246	7/13/2006	7.56	4400	271	174	1.09	13.6	312	1.34	0.0782	240	0.0528	1.88
	7/18/2007	12.9	6520	570	240	2.2	27.8	800	1.73	0.12	790	0	0
335261	7/14/2005	3.36	480	77	410	0	0.957	580	5.06	0	133	0.0755	0
335281	7/13/2005	8.36	5880	570	44.2	1.8	10.9	627	2.98	0.108	197	0.14	1.38

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

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Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Vanadium (mg/Kg)	Zinc (mg/Kg)	Chloride (mg/Kg)	Fluoride (mg/Kg)	Sulfate (mg/Kg)	Cyanide (mg/Kg)	Nitrogen, Ammonia as N (mg/Kg)	pH (pH Units)	Diesel Range Organics (mg/Kg)	Residual Range Organics (mg/Kg)	Total Organic Carbon (%)
335176	7/13/2005	69.2	45.9	0.525	0	1.33	0	179				
335191	7/13/2005	46.6	35	0.497	0	2.31	0.1	90.3				
	7/14/2006	34.8	32	0	0	3.51	0.14	146				
335192	7/13/2005	55.6	38	1.58	1.52	3.49	0.16	156				
335193	7/13/2005	46.3	35.8	7.17	2.64	43	0.11	773				
	7/12/2006	12.4	23.5	18.4	0	10.5	0.12	568				
335201	7/13/2005	64.9	16	1.61	0	2.76	0.3	579				
335231	7/13/2005	13.2	15.4	13.5	0	25.3	0.068	1220				
335232	7/13/2005	15.7	12.7	14.1	0	52.6	0.052	668				
335233	7/11/2006	65	69.4	0.985	0	9.7	0.07	258				
	7/20/2007	0	73	0	0	9	0	0	4.8			1.6
335234	7/12/2006	9.66	44.6	0	0	2.74	0.094	321				
	7/20/2007	0	97	0	4	0	0	11.3	5.1			0.7
335235	7/12/2006	65.1	83	1.72	0.615	2.74	0.059	86.2				
	7/17/2007	0	75	0	0	0	0	4.4	4.9			1
335241	7/12/2006	53.7	44.1	0	1.59	2.85	0.35	211				
	7/19/2007	127	62	0	0	0	0	0	4.5			0.8
335242	7/13/2006	72.5	57.4	1.27	0.565	6.55	0.22	351				
	7/19/2007	0	81	0	0	0	0	2.9	4.9			1.9
335243	7/13/2006	16.2	16.3	0	0.535	2.55	0.14	113				
	7/19/2007	84.9	56	0	0	0	0.4	0	5			1.6
335244	7/13/2006	126	9.02	0	0	12.6	0.27	1770		1270	6140	44.2
	7/18/2007	0	8	0	0	20	0	0	4.4			8
335245	7/13/2006	83.5	52.8	1.75	2.82	13.6	0.068	695				
	7/18/2007	0	54	0	0	6	0	0	5.7			2.2
335246	7/13/2006	65.7	52.7	0	0.639	1.37	0.048	246				
	7/18/2007	0	77	0	0	14	0	0.5	5.6			2.1
335261	7/14/2005	9.15	23.9	0	0	0	0.11	769				
335281	7/13/2005	62.5	49.3	0.797	0	0.527	0.18	183				

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

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Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Aluminum (mg/Kg)	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Bismuth (mg/Kg)	Boron (mg/Kg)	Cadmium (mg/Kg)	Calcium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Iron (mg/Kg)
335282	7/13/2005	932	0	8.41	34.3	0	0	0	0	2280	2.73	0	7.01	13900
	8/8/2005	1450	0	0	19.4	0	0	4.93	0	902	1.97	0	10.7	8720
335283	7/13/2005	18400	0.237	9.75	33.7	0.368	0.174	0	0.113	877	13.5	6.64	40.1	21600
335284	7/13/2005	11100	0.212	8.2	45.8	0.413	0	0	0	3170	8.85	2.26	32.8	14300
335301	7/13/2005	5880	0.123	3.32	34.7	0.0923	0.175	0	0	823	5.49	2.33	9.37	10700
335302	7/13/2005	21400	0.209	14.7	73	0.503	0.233	0	0.338	1770	31.7	4.88	76.4	16100
335311	7/14/2005	16300	0.365	9.7	53	0.196	0.242	0	0	1180	7.03	3.04	33.8	14100
335321	7/14/2005	3160	0.139	4.38	18.8	0.069	0	0	0.176	334	5.06	1.5	25.1	8750
335322	7/14/2005	25000	0.333	15	60.2	0.452	0.379	0	0	660	31	8.09	173	43000
336011	7/12/2005	8790	0.158	1.22	99.7	0.786	0	0	0.81	2990	6.44	2.29	13.9	10800
	7/19/2007	25000	0.2	6.8	117	0.55	0	0	0.32	2130	15.8	3.45	20.6	5680
336012	7/12/2005	11900	0.257	9.8	70.4	0.276	0.264	0	0.197	795	16.1	4.59	15.3	15300
	7/12/2006	21800	0.141	14.2	97.4	0.564	0.137	1.53	0.308	756	15.3	7.82	17.7	25000
336013	7/12/2005	23800	0.347	13.6	114	1.19	0.203	5.28	3.06	1020	27.2	8.72	18.5	24900
	7/12/2006	16900	0.0792	9.91	82	0.501	0.0913	2.1	0.475	521	13.8	7.04	13.4	18400
336041	7/11/2005	26600	0.437	31.9	102	0.727	0	0	0.256	7230	29.2	6.26	61.6	24200
	7/11/2005	13800	0.221	26.5	66.1	0.439	0.0996	0	0.145	2930	19	7.33	14	18300
336042	7/11/2005	27000	0.478	33.3	99.9	0.855	0	0	0.221	7510	38.7	4.14	18.6	23300
	7/11/2006	18500	0.395	26.3	96.9	0.643	0	2.28	0	7370	31.2	3.29	14.8	17800
336043	7/11/2005	18600	0.231	7.1	52.7	0.304	0.193	0	0.157	1750	18.7	5.36	15.3	16800
	7/11/2006	16300	0.102	4.14	57.9	0.201	0	1.6	0.0981	926	9.82	5.78	11	14400
336131	7/11/2005	14400	0.267	14.1	81.9	0.546	0.124	0	0.278	1430	18.2	8.01	21.7	21600
	7/19/2007	10300	0.3	5.9	52.6	0.13	0	0	0.22	800	16	2.77	13.4	8670
336132	7/11/2005	16500	0.136	0	33.1	0.168	0	0	0	778	6.11	0.715	13.4	3610
	7/13/2006	8700	0	0	32.1	0.154	0.253	1.04	0	222	5.71	0	3.47	3150
336133	7/11/2005	14900	0.288	10.8	41.8	0.243	0.203	6.27	0	803	17.6	4.45	15	17900
	7/13/2006	18600	0.134	9.35	37.5	0.234	0.108	3.35	0.125	676	8.56	3.66	11.3	23700
336211	7/11/2005	24400	0.381	8.64	121	0.562	0.201	0	0.265	1990	14.7	6.51	29.5	19600
	7/12/2006	17600	0.17	7.23	73.2	0.353	0	1.44	0.108	1870	7.23	4.8	16.7	20500

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

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Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Lead (mg/Kg)	Magnesium (mg/Kg)	Manganese (mg/Kg)	Mercury (ug/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Potassium (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Sodium (mg/Kg)	Thallium (mg/Kg)	Tin (mg/Kg)
335282	7/13/2005	1.2	357	52.8	150	0	0	0	20.2	0	0	0.15	11.7
	8/8/2005	1.04	160	20.3	141	3.67	0.719	216	2.46	0	0	0.18	0
335283	7/13/2005	6.77	3320	300	43.6	1.92	7.84	617	3	0	145	0.0751	1.28
335284	7/13/2005	4.55	1290	118	0	1.59	5.24	317	7.77	0	254	0.161	4.3
335301	7/13/2005	4.69	389	31.3	120	0.919	2.56	409	5.02	0	120	0.128	2.71
335302	7/13/2005	11.5	5520	131	193	2.44	17.1	605	4.06	0.0837	220	0.157	1.98
335311	7/14/2005	8.58	1670	144	268	2.33	4.54	442	4.46	0	134	0.214	2.44
335321	7/14/2005	13.6	306	33.3	228	1.23	1.18	356	3.44	0.0874	134	0.0804	2.1
335322	7/14/2005	27.5	8470	358	222	7.31	15.6	1710	5.72	0.17	167	0.227	1.7
336011	7/12/2005	6.71	895	41.9	203	1.58	4.79	826	0	1.14	264	0.14	1.66
	7/19/2007	11.7	2490	120	200	1	8.6	1270	1.15	0.3	300	0.06	0
336012	7/12/2005	11.3	2220	270	97.1	1.09	6.73	1170	0	0.237	282	0.171	1.92
	7/12/2006	14	3380	449	47.4	0.62	11.2	928	2.78	0.121	194	0.1	1.49
336013	7/12/2005	19.9	5540	566	43.7	0.64	12.5	2520	0.456	0.0421	415	0.326	1.89
	7/12/2006	12.6	2790	450	29	0.421	10.2	1080	2.36	0.0531	201	0.0958	1.74
336041	7/11/2005	8.51	3450	208	68.4	2.81	13.1	971	0.889	0	364	0.198	2.9
	7/11/2005	6.2	2740	527	29.3	2.03	8.21	755	0	0	267	0.101	0.992
336042	7/11/2005	7.9	3480	113	54.3	1.9	16.6	988	0.988	0	316	0.162	1.22
	7/11/2006	8.15	3020	79.2	56.1	1.59	14.5	602	2.93	0.101	194	0.119	2.73
336043	7/11/2005	8.81	3310	294	102	1.1	7.26	586	1.46	0	276	0.155	1.36
	7/11/2006	5.94	2160	287	48.5	0	6.86	268	1.01	0.0602	103	0.0554	1.33
336131	7/11/2005	10.4	5000	634	37.8	0.786	9.15	989	0	0	185	0.109	1.06
	7/19/2007	8.55	830	90	420	1.3	4.9	750	1.34	0.28	270	0.07	0
336132	7/11/2005	4.54	377	16.4	165	0	1.42	428	1.59	0	173	0.2	0
	7/13/2006	5.18	153	5.92	193	0	1.59	189	4.1	0	0	0.149	0
336133	7/11/2005	9.71	2610	212	76.5	1.01	7.01	756	0.92	0	218	0.164	1.36
	7/13/2006	7.92	2570	161	53.8	0.576	5.9	394	1.17	0.0495	94.1	0.0817	1.47
336211	7/11/2005	8.57	4540	394	59.7	4.09	8.18	824	0.532	0	177	0.214	1.12
	7/12/2006	5.58	2580	319	43.9	2.53	4.88	422	1.12	0	78.5	0.094	1.64

mg/Kg milligram per kilogram

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Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Vanadium (mg/Kg)	Zinc (mg/Kg)	Chloride (mg/Kg)	Fluoride (mg/Kg)	Sulfate (mg/Kg)	Cyanide (mg/Kg)	Nitrogen, Ammonia as N (mg/Kg)	pH (pH Units)	Diesel Range Organics (mg/Kg)	Residual Range Organics (mg/Kg)	Total Organic Carbon (%)
335282	7/13/2005	0	21	13.1	0	49	0.029	433				
	8/8/2005	0	7.75	7.2	0	16.8	0.058	686				
335283	7/13/2005	50.4	43.1	0.498	0	0.639	0.12	91		19.3	212	1.9
335284	7/13/2005	24.3	14.1	9.06	1.62	185	0.052	1160				
335301	7/13/2005	29.6	14.1	0	0	2.97	0.11	902				
335302	7/13/2005	71.2	102	0.701	2	8.13	0.14	514				
335311	7/14/2005	35.6	28.8	0	0	0	0.1	638				
335321	7/14/2005	22.4	14.1	0.714	0	0	0.17	355				
335322	7/14/2005	90.2	45.1	0.955	1.7	1.62	0.15	275				
336011	7/12/2005	20.1	20.7	4.54	0	8.51	0.21	965				
	7/19/2007	0	41	0	0	5	0	0	4.5			6.5
336012	7/12/2005	67.5	57.9	1.04	0	0	0.15	256				
	7/12/2006	41.2	59.6	0	0	1.49	0.12	109				
336013	7/12/2005	67	75.8	0.56	0	0.521	0.089	79.1				
	7/12/2006	30.5	48.6	0.492	0	2.91	0.037	51.6				
336041	7/11/2005	51.2	35.2	2.27	2.08	13.9	0.32	961				
	7/11/2005	44.9	32.5	0	0.667	0	0.1	196				
336042	7/11/2005	43.8	33	5.13	2.47	9.99	0.27	1280				
	7/11/2006	28.8	25.9	2.19	2.62	12.4	0.41	776				
336043	7/11/2005	76.1	38.1	0.692	0	2.77	0.32	315				
	7/11/2006	40	30.5	0.43	0	5.31	0.052	83.3				
336131	7/11/2005	65.5	63	0	0	0.41	0.073	51.5		25.6	181	1.1
	7/19/2007	0	27	0	0	6	0	0	4.3			6.4
336132	7/11/2005	12.8	6.86	2.74	0	5.44	0.045	1850				
	7/13/2006	5.61	8.77	2.01	0	5.41	0.1	1010				
336133	7/11/2005	62.8	34.6	0.897	0	2.35	0.16	346				
	7/13/2006	44.8	35.4	0	0	2.41	0.15	162				
336211	7/11/2005	79.1	65.6	0	0	2.13	0.11	337				
	7/12/2006	60.5	39.2	3.84	0.625	3.26	0.028	179				

mg/Kg milligram per kilogram

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Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Aluminum (mg/Kg)	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Bismuth (mg/Kg)	Boron (mg/Kg)	Cadmium (mg/Kg)	Calcium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Iron (mg/Kg)
336212	7/11/2005	6260	0.128	3.3	34.8	0.194	0	0	0.261	5460	5.04	0.751	7.8	6480
	7/11/2006	19900	0.179	7.01	106	0.419	0.199	2.58	0.115	966	10.6	5.24	21.3	15800
336231	7/11/2005	3880	0.199	7.73	36.4	0.257	0	0	0.43	3380	6.93	2.48	21.4	9730
	7/20/2007	7160	0.5	5.2	48.7	0.27	0	0	0.28	3740	8.39	2.97	18.9	3690
336241	7/11/2005	13000	0.347	7.19	55.2	0.235	0.325	0	0.317	1290	22	4.78	74.9	12300
336242	7/11/2005	27400	0.309	9.6	105	0.558	0.197	0	0.583	2580	27.4	10.9	150	24400
336261	7/11/2005	19800	0.2	7.14	94.6	0.219	0.309	0	0.321	1070	12	4.61	16	15200
	8/8/2005	27400	0	2.11	34.7	0.226	0	2.62	0	375	3.84	1.63	6.84	9180
	7/20/2007	18400	0.2	3.3	50.4	0.16	0	0	0.3	720	3.11	3.33	8.2	2360
336281	7/11/2005	23500	0.272	5.52	117	0.647	0	0	0.383	4390	15.6	4.5	24.7	14100
	7/11/2005	8010	0.361	4.27	39.5	0.432	0	0	0.478	2650	7.86	1.39	17	3950
336282	7/11/2005	13600	0.159	2.88	78.5	0.341	0	0	0	2290	8.64	3.2	12.1	9600
336341	7/13/2005	26600	0	6.93	85.7	0.406	0.145	9.34	0.3	2930	11.8	9.66	18.5	25500
336342	7/13/2005	22100	0.118	3.44	85.5	0.509	0.166	0	0	4460	8.52	4.3	10.2	13000
	7/12/2006	17400	0	3.83	73.4	0.753	0	0	0	5250	5.52	3.97	8.11	11500
336361	7/13/2005	5030	0.177	3.66	28.8	0.115	0.485	0	0	906	18.5	3.56	59.4	11200
	7/16/2006	11100	0.0947	2.18	26	0.0979	0.935	3.13	0	1120	15.4	6.98	163	23200
336362	7/13/2005	41800	0.321	18	189	0.942	0.267	0	0.339	2970	35.3	11.2	197	31100
	7/14/2006	48000	0.208	13	153	0.661	0.225	4.79	0.2	2050	25.5	9.45	152	39500
	7/20/2007	51600	0.4	11.7	169	0.69	100	0	0.25	2940	42.4	10.1	195	13700
435061	7/14/2005	9220	0.67	18.5	81.8	0.689	0.6	0	1.69	18700	6.52	4.9	38.8	17900
435062	7/14/2005	16600	0.353	24.8	99.2	0.877	1.05	0	0.618	4780	7.88	5.63	25.3	23000
435161	7/14/2005	15100	0.282	14.9	59.1	0.377	0.108	0	0.179	920	15.1	5.65	14.4	20200
435162	7/14/2005	11000	0.196	8.69	41.9	0.291	0	0	0	1200	10.6	3.81	8.64	15200
435221	8/9/2005	12400	0.134	7.58	34.2	0.211	0.12	3.08	0	570	8.28	2.58	6.87	14700
435222	8/9/2005	15700	0.151	9.37	36.9	0.173	0.154	3.59	0.0815	774	11.9	3.56	9.63	21200
	7/14/2006	13600	0.114	7.84	28.8	0.188	0.122	2.62	0.0829	517	9.64	2.88	7.73	18900
435223	8/9/2005	11000	0.172	8.83	62.7	0.293	0.101	3.49	0.0985	1450	10.4	4.63	9.99	14600
	7/14/2006	12700	0.11	6.88	49.6	0.237	0	1.9	0.123	1340	8.16	4.61	12.3	14900

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Lead (mg/Kg)	Magnesium (mg/Kg)	Manganese (mg/Kg)	Mercury (ug/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Potassium (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Sodium (mg/Kg)	Thallium (mg/Kg)	Tin (mg/Kg)
336212	7/11/2005	2.82	472	22.3	135	1.43	1.5	248	5.36	0	132	0.148	3.46
	7/11/2006	8.65	2630	245	70.2	4.02	7.42	377	1.7	0.0587	83.1	0.127	1.75
336231	7/11/2005	1.29	291	190	156	0	1.46	0	12.7	0	0	0.25	6.11
	7/20/2007	1.2	390	160	500	1.3	2.5	100	1.4	0.07	240	0.14	0
336241	7/11/2005	9.44	1970	97.7	113	1.49	10.4	504	2.87	0.262	182	0.172	2.14
336242	7/11/2005	8.95	4800	244	146	1.51	27.2	1080	4.36	0.186	251	0.263	2.47
336261	7/11/2005	9.07	3320	217	120	1.11	6.67	530	5.13	0	210	0.236	2.55
	8/8/2005	3.31	797	50.9	229	0	2.39	311	2.06	0	87.4	0.107	0
	7/20/2007	3.54	400	24.6	100	1	2.4	440	1.82	0.12	120	0.06	0
336281	7/11/2005	8.11	3510	166	171	4.23	6.91	433	9.55	0	245	0.482	3.98
	7/11/2005	2.32	674	46.4	117	6.04	1.64	0	10.2	0	173	0.0861	4.73
336282	7/11/2005	4.96	1990	134	114	2.03	4.11	212	4.06	0	152	0.126	2.28
336341	7/13/2005	9.18	7390	447	203	0.806	10.8	340	2.67	0.0628	0	0.0936	8.46
336342	7/13/2005	6.66	4040	189	250	0.835	4.8	421	4.13	0	248	0.096	2.55
	7/12/2006	6.07	2590	220	86.4	0	3.92	378	5.02	0.159	159	0.0691	3.57
336361	7/13/2005	8.49	889	90.6	352	2.34	5.94	594	2.82	0.0953	215	0.158	2.52
	7/16/2006	13.3	3440	249	47.1	1.84	9.88	475	0.933	0.196	89.3	0.0479	0
336362	7/13/2005	11	6150	392	382	4.15	21.9	970	8.71	1.1	234	0.241	2.81
	7/14/2006	9.67	4630	377	179	3.33	17.9	642	3.66	0.934	138	0.199	0
	7/20/2007	13.1	6410	260	600	3.1	28.7	810	3.61	0.53	330	0.34	0
435061	7/14/2005	48	2140	2070	719	1.76	4.06	1020	6.46	0.767	151	0.324	4.41
435062	7/14/2005	68.2	2060	1810	284	2.08	3.54	946	4.35	1.24	134	0.398	2.11
435161	7/14/2005	8.46	3850	311	137	0.706	8.56	534	1.35	0.0506	139	0.0785	1.22
435162	7/14/2005	6.41	3050	186	126	0.658	5.36	394	0.705	0	128	0.0526	1.28
435221	8/9/2005	6.5	1760	152	71.1	0.436	3.54	292	1.12	0.042	124	0.0773	0
435222	8/9/2005	7.54	2830	206	64.9	0.615	5.61	422	0.811	0.0592	115	0.0817	0
	7/14/2006	6.76	2470	159	41.5	0.44	4.84	335	1.22	0.0461	89.6	0.0665	1.33
435223	8/9/2005	7.06	3030	285	57.8	0	7.28	526	0.616	0	146	0.0417	0
	7/14/2006	5.64	2920	245	28.3	0	6.87	430	0.757	0	127	0.0297	1.17

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Vanadium (mg/Kg)	Zinc (mg/Kg)	Chloride (mg/Kg)	Fluoride (mg/Kg)	Sulfate (mg/Kg)	Cyanide (mg/Kg)	Nitrogen, Ammonia as N (mg/Kg)	pH (pH Units)	Diesel Range Organics (mg/Kg)	Residual Range Organics (mg/Kg)	Total Organic Carbon (%)
336212	7/11/2005	13.9	8.06	1.95	0	11.7	0.11	1030				
	7/11/2006	54	48.8	0.749	0	4	0.072	487				
336231	7/11/2005	17.7	8.8	4.8	0	30	0.046	2000		503	6120	6.5
	7/20/2007	0	7	5	0	25	0	0	5.1			4.2
336241	7/11/2005	56	77.9	0	11	0	0.23	449				
336242	7/11/2005	76.7	91.8	0	0	3.39	0.24	717				
336261	7/11/2005	58.6	32.6	0	0	0	0.11	558				
	8/8/2005	16.1	9.57	0	0	1.73	0.14	463				
	7/20/2007	0	11	0	0	14	0	0	4.2			9.4
336281	7/11/2005	60.3	53.2	0	0	13	0.084	1050		145	1150	6.3
	7/11/2005	25	12.1	1.42	0	43.3	0.041	818				
336282	7/11/2005	38.7	31.2	0	0	4.29	0.11	526				
336341	7/13/2005	62.8	37.8	0	0	1.15	0.22	254				
336342	7/13/2005	42	22.9	1.21	0.926	2.75	0.25	735				
	7/12/2006	35.3	16.7	5.86	1.33	10.3	0.12	1230				
336361	7/13/2005	68.9	15.7	1.06	0	2.16	0.2	654		254	2310	3.9
	7/16/2006	77.2	42.6	0.502	0	2.31	0.12	169				
336362	7/13/2005	123	69.7	0	0	2.76	0.24	214				
	7/14/2006	95.5	55.3	0	0	6.1	0.21	1160		589	2610	27.5
	7/20/2007	0	72	11	0.9	11	0	13.8	4.7			6.1
435061	7/14/2005	33	203	0	1.58	2.55	0.15	1140				
435062	7/14/2005	57.4	228	0	0	1.82	0.29	737				
435161	7/14/2005	43.5	41.1	0.509	0	2.41	0.1	108		17.2	249	0.93
435162	7/14/2005	39.5	34.6	0	0.414	0.946	0.053	48.3				
435221	8/9/2005	35.4	22.8	0	0	0.691	0.22	144				
435222	8/9/2005	48.9	30.8	0.408	0	1.24	0.14	116				
	7/14/2006	37.8	29	0	0	2.17	0.15	128				
435223	8/9/2005	40.1	36	0	0	0.545	0.099	91.4				
	7/14/2006	32.7	31.7	0	0	1.3	0.1	50				

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Aluminum (mg/Kg)	Antimony (mg/Kg)	Arsenic (mg/Kg)	Barium (mg/Kg)	Beryllium (mg/Kg)	Bismuth (mg/Kg)	Boron (mg/Kg)	Cadmium (mg/Kg)	Calcium (mg/Kg)	Chromium (mg/Kg)	Cobalt (mg/Kg)	Copper (mg/Kg)	Iron (mg/Kg)
435301	7/15/2005	13100	0.291	7.8	32.4	0.282	0.16	0	0.0891	874	12.6	5.18	11.5	15900
	7/20/2007	23800	0.3	9.2	58.3	0.52	0	0	0.14	1920	24.9	8.98	14.2	10600
435302	7/15/2005	12600	0.224	9.95	49.9	0.22	0.164	0	0.13	1260	12.8	6.25	13.3	15400
435341	7/15/2005	20100	0.225	3.59	130	0.453	0.177	0	0.35	2550	21.1	7.05	15.3	16200
435342	7/14/2005	11200	0.118	4.75	68.2	0.183	0	0	0	1980	9.81	3.43	11.2	18600
436041	7/13/2005	6270	0.125	2.63	25.2	0.0807	0.0982	0	0	852	4.05	2.59	9.59	13700
	7/20/2007	15000	0.3	4	92.5	0.17	0	0	0.09	2690	7.88	6.37	18.3	13600
436221	7/14/2005	15700	0.26	5.57	88.5	0.554	0	0	0	2320	16.7	5.23	17.3	13600
	8/8/2005	2610	0	4.12	27.9	0.219	0	8.03	0	1750	0	4.07	2.65	20900
	7/20/2007	18500	0.3	2.8	65.5	0.49	0	0	0.16	2530	13.5	2.95	20.3	10200
436222	7/14/2005	17300	0.211	13.1	89.4	0.519	0	0	0	3150	13.2	5.15	14.7	35900
	7/14/2005	19500	0.257	2.63	64.5	0.44	0	0	0	1350	14	2.2	18.6	6980
	7/14/2006	9470	0	3.49	36.2	0.266	0	2.58	0	1090	2.28	2.06	6.75	22200
436223	7/14/2005	8940	2.14	68.6	576	5.89	0	0	0	31100	57.6	16.7	149	89400
	7/14/2006	10700	0	3.43	63.7	0.512	0	0	0.744	2800	1.15	2.16	14.1	6520
436361	7/15/2005	6410	0.455	27.3	29.8	0.205	0.248	0	0.217	809	10.3	3.68	21.7	14100
436362	7/15/2005	6410	0.373	15.8	26.1	0.147	0.279	0	0.262	1260	7.27	3.6	17.9	9870
535051	7/14/2005	14200	1.9	45.5	394	2.89	0	0	0	7350	113	11.1	179	103000
535052	7/15/2005	16000	0.171	18.2	93.1	0.489	0.1	0	0.238	2300	18.1	6.37	14.2	21900
	7/15/2005	7200	0.129	10.3	33.6	0.282	0	0	0.194	1880	8.75	4.91	7.15	17000

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit

Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Lead (mg/Kg)	Magnesium (mg/Kg)	Manganese (mg/Kg)	Mercury (ug/Kg)	Molybdenum (mg/Kg)	Nickel (mg/Kg)	Potassium (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)	Sodium (mg/Kg)	Thallium (mg/Kg)	Tin (mg/Kg)
435301	7/15/2005	6.74	3040	234	208	0.538	7	301	2.08	0	0	0.0918	7.12
	7/20/2007	8.49	5280	400	70	1	15.6	660	1.23	0.05	260	0	0
435302	7/15/2005	8.26	3760	367	150	0.664	8.74	435	2.15	0	164	0.101	1.33
435341	7/15/2005	12.7	4290	221	118	0	10.4	614	0.978	0.0398	250	0.103	1.23
435342	7/14/2005	7.82	2530	304	272	0	4.42	439	2.19	0	203	0.0584	2.39
436041	7/13/2005	3.36	1110	172	162	1.19	1.56	200	1.28	0	80.3	0.0534	1.39
	7/20/2007	4.76	2640	650	0	2.3	3.6	970	0.7	0	160	0	0
436221	7/14/2005	8.62	2470	177	386	7.88	7.05	310	5.52	0	200	0.143	3.7
	8/8/2005	1.04	264	312	129	1.89	0.946	0	0	0	0	0	0
	7/20/2007	4.32	1030	84.1	0	6.2	4.7	280	4.55	0.09	120	0	0
436222	7/14/2005	7.15	1550	230	155	8.43	4.6	278	6.22	0	193	0.23	0
	7/14/2005	7.1	1550	76.6	251	9.51	4.71	203	3.96	0	131	0.133	0
	7/14/2006	2.95	583	86	71.2	3.79	2.08	168	2.01	0	0	0	3.85
436223	7/14/2005	29.3	5130	671	696	68.1	26.3	0	79.3	0	0	2.08	68.6
	7/14/2006	4.67	732	74.8	135	4.87	3.37	247	4.69	0	0	0.0832	0
436361	7/15/2005	5.48	775	127	265	1.04	8.94	438	2.7	0.296	119	0.134	1.79
436362	7/15/2005	4.72	716	38.4	424	0	6.47	545	3.76	0.249	219	0.149	2.92
535051	7/14/2005	56.2	5140	383	462	0	21.1	3440	70.1	1.45	1860	0.672	33.9
535052	7/15/2005	7.52	4060	279	169	0.838	8.63	429	0.886	0	258	0.0799	1.32
	7/15/2005	3.72	3980	329	97.7	0.382	6.41	356	0.517	0	170	0.0235	1.03

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

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Pebble Project - Summary of Mine Area Soil Analytical Results, 2004-2007

Sample Station Location ID	Date Sampled	Vanadium (mg/Kg)	Zinc (mg/Kg)	Chloride (mg/Kg)	Fluoride (mg/Kg)	Sulfate (mg/Kg)	Cyanide (mg/Kg)	Nitrogen, Ammonia as N (mg/Kg)	pH (pH Units)	Diesel Range Organics (mg/Kg)	Residual Range Organics (mg/Kg)	Total Organic Carbon (%)
435301	7/15/2005	39.7	26.9	0.685	0	1.47	0.14	252				
	7/20/2007	26.1	51	0	0	7	0	0	5			0.8
435302	7/15/2005	47.9	42.9	0.617	0	0.577	0.098	48.2				
435341	7/15/2005	46.8	45	0.511	0.848	0.623	0.049	35.6				
435342	7/14/2005	41.4	40.8	0.791	0	2.49	0.28	213				
436041	7/13/2005	44	19.8	0.692	0	3.75	0.13	161				
	7/20/2007	58.3	41	0	0	6	0	1.7	4.4			0.3
436221	7/14/2005	64.9	34.1	4.23	0	2.9	0.084	409		148	1460	4.1
	8/8/2005	21	6.88	8.94	0	4.26	0.081	381				
	7/20/2007	0	16	0	0	7	0	0	4.8			5
436222	7/14/2005	83.6	24.9	4.9	0	7.37	0.16	920				
	7/14/2005	54.3	17	1.88	0	6.01	0	471				
	7/14/2006	30.4	13.7	4.16	0	8.33	0.16	442				
436223	7/14/2005	227	55	8.88	0	43.3	0.049	1990				
	7/14/2006	18.3	15.5	11.1	0	11.1	0.09	1900				
436361	7/15/2005	48.2	19	1.06	0	0	0.2	373				
436362	7/15/2005	21.9	11.3	1.79	0	0	0.15	658				
535051	7/14/2005	200	82.4	1.56	3.39	3.66	0.12	947		390	3260	4.6
535052	7/15/2005	47.9	40.8	0.662	0	0.854	0.071	145		11.7	131	1
	7/15/2005	27.6	36.9	0	0.332	0	0.032	16.7				

mg/Kg milligram per kilogram

µg/Kg microgram per kilogram

ND not detected above method reporting limit