

Obed Mountain Mine
Water Quality
December 2013

	Aggregate Organics			Anions and Nutrients														
	Hydrocarbons, Recoverable (I.R.)	BOD	Phenols (4AAP)	Alkalinity (T) as CaCO3	Ammonia	Bicarbonate	Carbonate	Chloride	Electrical Conductivity (lab)	Hydroxide	Ionic Balance	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate + Nitrite-N	Nitrite (as N)	pH (Lab)	Phosphorus	Phosphorus (Filtered)
MDL	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mS/cm	mg/L	%	mg/L	mg/L	mg/L	mg/L	pH	mg/L	mg/L
	1	2	1	2	0.05	5	5	0.5	0.0002	5		0.2	0.05	0.07	0.05	0.1	0.001	0.001

Location	Date	Sample Type	Hydrocarbons, Recoverable (I.R.)	BOD	Phenols (4AAP)	Alkalinity (T) as CaCO3	Ammonia	Bicarbonate	Carbonate	Chloride	Electrical Conductivity (lab)	Hydroxide	Ionic Balance	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate + Nitrite-N	Nitrite (as N)	pH (Lab)	Phosphorus	Phosphorus (Filtered)
Blanks	01-Dec-13	Trip Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00224	<5	-	<0.2	<0.05	<0.071	<0.05	4.88	<0.001	<0.001
	02-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00199	<5	-	<0.2	<0.05	<0.071	<0.05	4.75	<0.001	<0.001
	04-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.0016	<5	-	<0.2	<0.05	<0.071	<0.05	4.92	<0.001	<0.001
	06-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00071	<5	-	<0.2	<0.05	<0.071	<0.05	4.65	<0.001	<0.001
	07-Dec-13	Trip Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00081	<5	-	<0.2	<0.05	<0.071	<0.05	4.88	<0.001	<0.001
	08-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00033	<5	-	<0.2	<0.05	<0.071	<0.05	4.96	<0.001	<0.001
	09-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00183	<5	-	<0.2	<0.05	<0.071	<0.05	5.26	<0.001	<0.001
	10-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00205	<5	-	<0.2	<0.05	<0.071	<0.05	5.06	<0.001	<0.001
	11-Dec-13	Trip Blank	<1	<2	<1	2	<0.05	<5	<5	<0.5	0.00281	<5	-	<0.2	<0.05	<0.071	<0.05	4.81	<0.001	<0.001
	12-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00182	<5	-	<0.2	<0.05	<0.071	<0.05	4.98	<0.001	<0.001
	13-Dec-13	Trip Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00061	<5	-	<0.2	<0.05	<0.071	<0.05	5.33	<0.001	<0.001
	15-Dec-13	Trip Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00219	<5	-	<0.2	<0.05	<0.071	<0.05	5.38	<0.001	<0.001
	16-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00308	<5	-	<0.2	<0.05	<0.071	<0.05	5.01	<0.001	<0.001
	17-Dec-13	Trip Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00416	<5	-	<0.2	<0.05	<0.071	<0.05	4.96	<0.001	<0.001
	18-Dec-13	Field Blank	<1	<2	<1	134	<0.05	164	<5	4.8	0.36	<5	0	<0.2	0.197	0.338	0.141	8.05	<0.001	<0.001
		Trip Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00224	<5	-	<0.2	<0.05	<0.071	<0.05	5.11	<0.001	<0.001
	20-Dec-13	Field Blank	<1	2.2	<1	<2	<0.05	<5	<5	<0.5	0.00219	<5	-	<0.2	<0.05	<0.071	<0.05	5.21	<0.001	<0.001
	21-Dec-13	Trip Blank	<1	-	<1	<2	<0.05	<5	<5	<0.5	0.00241	<5	-	<0.2	<0.05	<0.071	<0.05	5.1	<0.001	<0.001
	22-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00226	<5	-	<0.2	<0.05	<0.071	<0.05	5.02	<0.001	<0.001
	23-Dec-13	Trip Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00056	<5	-	<0.2	<0.05	<0.071	<0.05	4.94	<0.001	<0.001
	30-Dec-13	Field Blank	<1	<2	<1	<2	<0.05	<5	<5	<0.5	0.00055	<5	-	<0.2	<0.05	<0.071	<0.05	4.97	<0.001	<0.001
APC	01-Dec-13	Normal	<1	<2 - 2	<1 - 1.8	344 - 351	<0.05	420 - 428	<5	1.47 - 1.52	0.87 - 0.878	<5	103	<0.2	<0.05	<0.071	<0.05	8.08 - 8.13	0.0067 - 0.0072	0.0016 - 0.0024
	02-Dec-13	Normal	<1	<2	<1	367 - 371	<0.05	448 - 452	<5	1.39 - 1.5	0.924 - 0.936	<5	104 - 107	<0.2	<0.05 - 0.089	<0.071 - 0.089	<0.05	8.12	0.0113 - 0.0121	0.0011 - 0.0018
	04-Dec-13	Normal	<1	<2	<1	381	<0.05	465	<5	1.37	0.957	<5	98.9	<0.2	<0.05	<0.071	<0.05	8.14	0.0063	0.0014
	05-Dec-13	Normal	<1	<2	<1	409 - 411	<0.05	499 - 501	<5	1.51 - 1.53	0.997 - 0.999	<5	85.7 - 94.3	<0.2	<0.05	<0.071	<0.05	8.22	0.0069 - 0.0074	0.001 - 0.0022
	06-Dec-13	Normal	<1	<2	<1	395 - 396	<0.05	482 - 483	<5	1.38 - 1.49	0.977 - 0.978	<5	96.3 - 100	<0.2	<0.05	<0.071	<0.05	8.18 - 8.19	0.0074 - 0.0082	0.0023
		Field Duplicate	<1	2.2	<1	423	<0.05	516	<5	1.45	0.979	<5	92.5	<0.2	<0.05	<0.071	<0.05	8.18	0.0076	0.0019
	07-Dec-13	Normal	<1	<2 - 2.5	<1	418 - 428	<0.05	509 - 522	<5	1.43 - 1.49	0.983 - 0.985	<5	90.6 - 94.6	<0.2	<0.05	<0.071	<0.05	8.18 - 8.19	0.0093 - 0.0096	0.0017 - 0.0018
	08-Dec-13	Normal	<1	<2	<1 - 1.1	407 - 408	<0.05	497 - 498	<5	1.37	0.989 - 0.992	<5	98.2 - 99.9	<0.2 - 0.25	<0.05	<0.071	<0.05	8.18 - 8.21	0.0095 - 0.0103	0.0018 - 0.0023
	09-Dec-13	Normal	<1	<2	<1	382 - 391	<0.05	466 - 477	<5	1.31 - 1.34	0.882 - 0.941	<5	98.3 - 102	<0.2	<0.05	<0.071	<0.05	8.18 - 8.24	0.0076 - 0.0082	0.0016 - 0.0018
	10-Dec-13	Normal	<1	<2	<1	410 - 430	<0.05	501 - 524	<5	1.31 - 1.35	0.986 - 0.988	<5	98 - 104	<0.2	<0.05	<0.071	<0.05	8.29	0.0066 - 0.0111	0.0029 - 0.0048
	11-Dec-13	Normal	<1	<2	<1	405	<0.05	490	<5	1.35	0.966	<5	99.4	<0.2	<0.05	<0.071	<0.05	8.33	0.0068	0.0016
	12-Dec-13	Normal	<1	<2	<1	398 - 403	<0.05	469 - 476	8.1 - 8.2	1.47 - 1.48	0.932 - 0.962	<5	95.6 - 96.9	<0.2	<0.05	<0.071	<0.05	8.37	0.0059 - 0.0062	0.0022 - 0.0025
		Field Duplicate	<1	<2	<1	394	<0.05	471	<5	1.44	0.933	<5	98	<0.2	<0.05	<0.071	<0.05	8.34	0.0066	0.0027
	13-Dec-13	Normal	<1	<2	<1	403	<0.05	481	5.6	1.36	0.951	<5	100	<0.2	<0.05	<0.071	<0.05	8.35	0.0052	0.0022
	15-Dec-13	Normal	<1	<2	<1	406	<0.05	469	13	1.32	0.93	<5	94.5	<0.2	<0.05	<0.071	<0.05	8.41	0.0051	0.0024
	16-Dec-13	Normal	<1	<2	<1	407	<0.05	477	10	1.48	0.972	<5	90.7	<0.2	<0.05	<0.071	<0.05	8.39	0.0033	0.0016

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	Cyanides														
	Sulphate	Sulphide	Hardness as CaCO3	Total Dissolved Solids	Cyanide Total	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Bismuth (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.5	0.002			0.005	0.001	0.0001	0.0001	0.00005	0.0005	0.00005	0.01	0.00001	0.02	0.0001

Location	Date	Sample Type	Sulphate	Sulphide	Hardness as CaCO3	Total Dissolved Solids	Cyanide Total	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Bismuth (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)
Blanks	01-Dec-13	Trip Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	0.000158	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001
	02-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001
	04-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
	06-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	-	-	-	-	-	-	-	-	<0.5	-
	07-Dec-13	Trip Blank	<0.5	<0.002	<1	<1	<0.005	0.0018	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
	08-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	0.0019	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
	09-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	0.0015	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001
	10-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001
	11-Dec-13	Trip Blank	<0.5	<0.002	<1	1.2	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001
	12-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	0.0043	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001
	13-Dec-13	Trip Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	0.00037
	15-Dec-13	Trip Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001
	16-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
	17-Dec-13	Trip Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001
	18-Dec-13	Field Blank	47.2	<0.002	<1	134	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001
		Trip Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
	20-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	0.00021	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
	21-Dec-13	Trip Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
	22-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	0.00011	0.000052	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
	23-Dec-13	Trip Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
	30-Dec-13	Field Blank	<0.5	<0.002	<1	<1	<0.005	<0.001	<0.0001	<0.0001	<0.00005	<0.0005	<0.00005	<0.01	<0.00001	<0.5	<0.0001
APC	01-Dec-13	Normal	147 - 148	<0.002	313 - 321	556 - 564	<0.005	0.0014 - 0.0017	<0.0001	0.00043 - 0.00105	0.115 - 0.127	<0.0005	<0.00005	0.047 - 0.051	<0.00001	79.4 - 80.8	<0.0001
	02-Dec-13	Normal	150 - 154	<0.002	330 - 344	585 - 601	<0.005	0.0017 - 0.0022	<0.0001	0.00047 - 0.00053	0.136 - 0.137	<0.0005	<0.00005	0.052 - 0.056	<0.00001	84.1 - 88	<0.0001
	04-Dec-13	Normal	151	<0.002	332	589	<0.005	0.0012	<0.0001	0.00041	0.122	<0.0005	<0.00005	0.053	<0.00001	85.8	<0.0001
	05-Dec-13	Normal	152	<0.002	268 - 314	590 - 611	<0.005	<0.001 - 0.0012	<0.0001	0.00035 - 0.00038	0.102 - 0.118	<0.0005	<0.00005	0.056	<0.00001	59.9 - 78.1	<0.0001
	06-Dec-13	Normal	147 - 154	<0.002	322 - 339	600 - 602	<0.005	-	-	-	-	-	-	-	-	78.7 - 85.9	-
		Field Duplicate	153	<0.002	329	619	<0.005	-	-	-	-	-	-	-	-	82.8	-
	07-Dec-13	Normal	151 - 154	<0.002	323 - 332	616 - 620	<0.005	0.0012 - 0.0013	<0.0001	0.00037 - 0.00105	0.115 - 0.116	<0.0005	<0.00005	0.053 - 0.054	<0.00001	79.6 - 83.9	<0.0001
	08-Dec-13	Normal	149 - 150	<0.002	355 - 359	610 - 616	<0.005	0.0015 - 0.003	<0.0001	0.0004	0.133 - 0.139	<0.0005	<0.00005	0.053	<0.00001 - 0.000012	93.8	<0.0001
	09-Dec-13	Normal	149 - 150	<0.002	322 - 326	594 - 596	<0.005	0.0015 - 0.0018	<0.0001	0.00038 - 0.00042	0.119 - 0.127	<0.0005	<0.00005	0.051 - 0.054	<0.00001	78.8 - 79	<0.0001
	10-Dec-13	Normal	149 - 150	<0.002	354 - 380	612 - 647	<0.005	0.001 - 0.0015	<0.0001	0.00037 - 0.00042	0.132 - 0.138	<0.0005	<0.00005	0.053 - 0.059	<0.00001	92.1 - 95.8	<0.0001
	11-Dec-13	Normal	145	<0.002	356	604	<0.005	0.0014	<0.0001	0.0004	0.129	<0.0005	<0.00005	0.051	<0.00001	95.7	<0.0001
	12-Dec-13	Normal	147 - 150	<0.002	330 - 340	593 - 605	<0.005	0.0014 - 0.0015	<0.0001	0.0003	0.113 - 0.117	<0.0005	<0.00005	0.053 - 0.054	<0.00001	83.4 - 85.6	<0.0001
		Field Duplicate	146	<0.002	337	588	<0.005	0.0013	<0.0001	0.00032	0.111	<0.0005	<0.00005	0.053	<0.00001	84.7	<0.0001
	13-Dec-13	Normal	148	<0.002	355	607	<0.005	0.0018	<0.0001	0.00037	0.121	<0.0005	<0.00005	0.052	<0.00001	86.7	<0.0001
	15-Dec-13	Normal	143	<0.002	327	593	<0.005	0.0036	<0.0001	0.00051	0.113	<0.0005	<0.00005	0.047	<0.00001	85.6	<0.0001
	16-Dec-13	Normal	147	<0.002	317	590	<0.005	0.0013	<0.0001	0.00031	0.119	<0.0005	<0.00005	0.045	<0.00001	75.9	<0.0001

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Dissolved Metals														
	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Lithium (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Phosphorus (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Silicon (Filtered)	Silver (Filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.0001	0.0001	0.01	0.00005	0.003	0.005	0.00005	0.00005	0.0001	0.3	0.05	0.0001	0.05	0.00001

Location	Date	Sample Type	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Lithium (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Phosphorus (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Silicon (Filtered)	Silver (Filtered)
Blanks	01-Dec-13	Trip Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.005	<0.00005	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001
	02-Dec-13	Field Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.005	<0.00005	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001
	04-Dec-13	Field Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	06-Dec-13	Field Blank	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-
	07-Dec-13	Trip Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	08-Dec-13	Field Blank	<0.0001	0.0002	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	09-Dec-13	Field Blank	<0.0001	0.0001	<0.01	<0.00005	<0.003	<0.005	<0.00005	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001
	10-Dec-13	Field Blank	<0.0001	0.00013	<0.01	<0.00005	<0.003	<0.005	<0.00005	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001
	11-Dec-13	Trip Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.005	<0.00005	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001
	12-Dec-13	Field Blank	<0.0001	0.00023	<0.01	<0.00005	<0.003	<0.005	0.000079	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001
	13-Dec-13	Trip Blank	<0.0001	0.00026	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	15-Dec-13	Trip Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.005	<0.00005	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001
	16-Dec-13	Field Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	17-Dec-13	Trip Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.005	<0.00005	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001
	18-Dec-13	Field Blank	<0.0001	<0.0001	0.012	<0.00005	<0.003	<0.005	0.000053	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001
		Trip Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	20-Dec-13	Field Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	21-Dec-13	Trip Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	22-Dec-13	Field Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	23-Dec-13	Trip Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
	30-Dec-13	Field Blank	<0.0001	<0.0001	<0.01	<0.00005	<0.003	<0.1	<0.00005	<0.00005	<0.0001	<0.3	<0.5	<0.0001	<0.05	<0.00001
APC	01-Dec-13	Normal	<0.0001	0.00015 - 0.00023	<0.01	<0.00005	0.0372 - 0.038	27.9 - 29	0.0675 - 0.0679	0.00196 - 0.00197	0.00049 - 0.00055	<0.3	2.04	<0.0001 - 0.0001	5.32 - 5.68	<0.00001
	02-Dec-13	Normal	<0.0001 - 0.0001	0.00023 - 0.00024	<0.01	<0.00005	0.0364 - 0.0392	29.2 - 30.1	0.0754 - 0.0769	0.00202 - 0.00212	0.00052 - 0.00056	<0.3	2.1 - 2.17	0.00011 - 0.00015	5.62 - 5.71	<0.00001
	04-Dec-13	Normal	<0.0001	0.00016	<0.01	<0.00005	0.0375	28.6	0.0546	0.00194	0.00051	<0.3	2.03	<0.0001	5.69	<0.00001
	05-Dec-13	Normal	<0.0001	0.00016 - 0.00017	<0.01	<0.00005	0.0388 - 0.0406	28.7 - 28.9	0.00272 - 0.0253	0.00209 - 0.00212	0.00043 - 0.00049	<0.3	2.05 - 2.06	<0.0001	5.83 - 5.9	<0.00001
	06-Dec-13	Normal	-	-	-	-	-	30.2 - 30.5	-	-	-	-	2.12	-	-	-
		Field Duplicate	-	-	-	-	-	29.7	-	-	-	-	2.09	-	-	-
	07-Dec-13	Normal	<0.0001	0.00027 - 0.00028	<0.01	<0.00005	0.0359 - 0.0367	29.7 - 30.1	0.0301 - 0.0466	0.00202 - 0.00209	0.00054 - 0.00063	<0.3	2.09 - 2.11	<0.0001	6.06 - 6.11	<0.00001
	08-Dec-13	Normal	0.0001 - 0.00011	0.00026	<0.01	<0.00005	0.0393 - 0.0397	29.4 - 30.2	0.0873 - 0.089	0.002	0.00055	<0.3	2.06 - 2.09	<0.0001 - 0.00011	5.64 - 5.69	<0.00001
	09-Dec-13	Normal	<0.0001	0.00023 - 0.0003	<0.01	<0.00005	0.0396 - 0.0424	30.3 - 31.4	0.026 - 0.0331	0.0019 - 0.00195	0.00047 - 0.00052	<0.3	2.03 - 2.12	<0.0001	5.71 - 5.82	<0.00001
	10-Dec-13	Normal	0.0001 - 0.00011	0.00026 - 0.00033	<0.01	<0.00005	0.0364 - 0.0413	30.2 - 34.1	0.0918 - 0.094	0.00178 - 0.00187	0.00055 - 0.00057	<0.3	2.07 - 2.33	<0.0001	5.77 - 6.16	<0.00001
	11-Dec-13	Normal	<0.0001	0.00011	<0.01	<0.00005	0.0379	28.3	0.0902	0.00176	0.00052	<0.3	1.92	<0.0001	5.57	<0.00001
	12-Dec-13	Normal	<0.0001	0.00014 - 0.00015	<0.01	<0.00005	0.036 - 0.0361	29.6 - 30.6	0.0571 - 0.06	0.00165	0.0005 - 0.00052	<0.3	2.07	<0.0001	5.82 - 5.99	<0.00001
		Field Duplicate	<0.0001	0.00028	<0.01	<0.00005	0.0347	30.5	0.0628	0.00165	0.00052	<0.3	2.05	<0.0001	5.75	<0.00001
	13-Dec-13	Normal	<0.0001	0.00013	<0.01	<0.00005	0.039	33.6	0.0488	0.0015	0.00052	<0.3	1.82	<0.0001	5.87	<0.00001
	15-Dec-13	Normal	<0.0001	0.00024	<0.01	<0.00005	0.0311	27.6	0.0742	0.00165	0.00055	<0.3	1.91	<0.0001	5.88	<0.00001
	16-Dec-13	Normal	<0.0001	0.0002	<0.01	<0.00005	0.0297	30.9	0.0459	0.00146	0.0005	<0.3	2.03	<0.0001	5.23	<0.00001

Obed Mountain Mine
Water Quality
December 2013

									Inorganic / Inorganic Carbon		Organic Parameters		Physical Tests			
	Sodium (Filtered)	Strontium (Filtered)	Thallium (Filtered)	Tin (Filtered)	Titanium (Filtered)	Uranium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	Dissolved Organic Carbon (Filtered)	TOC	Naphthenic Acid	Colour	Total Dissolved Solids (Filtered)	Total Suspended Solids	Turbidity	Benzo[b]fluoranthene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Colour units	mg/L	mg/L	NTU	µg/L
MDL	0.05	0.0001	0.00005	0.0001	0.0003	0.00001	0.0001	0.001	1	1	1	2	10	3	0.1	0.01

Location	Date	Sample Type	Sodium (Filtered)	Strontium (Filtered)	Thallium (Filtered)	Tin (Filtered)	Titanium (Filtered)	Uranium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	Dissolved Organic Carbon (Filtered)	TOC	Naphthenic Acid	Colour	Total Dissolved Solids (Filtered)	Total Suspended Solids	Turbidity	Benzo[b]fluoranthene
Blanks	01-Dec-13	Trip Blank	<0.05	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	02-Dec-13	Field Blank	<0.05	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	04-Dec-13	Field Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	1.1	<1	<1	<2	<10	<3	<0.1	<0.01
	06-Dec-13	Field Blank	<1	-	-	-	-	-	-	-	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	07-Dec-13	Trip Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	08-Dec-13	Field Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	1	<1	<1	<2	<10	<3	<0.1	<0.01
	09-Dec-13	Field Blank	<0.05	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	0.0011	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	10-Dec-13	Field Blank	<0.05	0.00028	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	11-Dec-13	Trip Blank	<0.05	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	12-Dec-13	Field Blank	<0.05	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	10	<3	<0.1	<0.01
	13-Dec-13	Trip Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	15-Dec-13	Trip Blank	<0.05	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	16-Dec-13	Field Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	17-Dec-13	Trip Blank	<0.05	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	18-Dec-13	Field Blank	<0.05	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	1.6	1.6	<1	<2	203	<3	<0.1	<0.01
		Trip Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	20-Dec-13	Field Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	1.3	1.3	<1	<2	<10	18	<0.1	<0.01
	21-Dec-13	Trip Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	-
	22-Dec-13	Field Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	1.2	1	<1	<2	<10	<3	<0.1	<0.01
	23-Dec-13	Trip Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	<1	<1	<1	<2	<10	<3	<0.1	<0.01
	30-Dec-13	Field Blank	<1	<0.0001	<0.00005	<0.0001	<0.0003	<0.00001	<0.0001	<0.001	1.295	0.9216	<1	<2	<10	<3	<0.1	<0.01
APC	01-Dec-13	Normal	91.6 - 91.8	0.868 - 0.887	<0.00005	<0.0001	<0.0003	0.00384 - 0.00402	0.00019 - 0.00022	0.0014 - 0.0026	2.5 - 2.6	2.6	<1	4.4 - 5.8	611 - 627	<3 - 3	2.55 - 3.09	<0.01
	02-Dec-13	Normal	97.6 - 103	1 - 1.03	<0.00005	<0.0001	<0.0003	0.00384 - 0.00402	0.00023 - 0.00025	0.0011 - 0.0021	2.7	3.1	<1	10.5 - 13.2	636 - 638	12 - 15	10.9 - 11.3	<0.01
	04-Dec-13	Normal	91.9	0.939	<0.00005	<0.0001	<0.0003	0.00378	0.00019	<0.001	2.8	2.5	<1	5.6	657	<3	3.58	<0.01
	05-Dec-13	Normal	100 - 102	0.844 - 0.896	<0.00005	<0.0001	<0.0003	0.00359 - 0.00371	0.00018 - 0.00019	<0.001	2.7	2.6 - 2.9	<1	5	618 - 625	4 - 5	4.1 - 4.17	<0.01
	06-Dec-13	Normal	96 - 97.8	-	-	-	-	-	-	-	2.3 - 2.4	2.5	<1	4.4 - 4.9	622 - 630	8 - 12	3.89 - 4.26	<0.01
		Field Duplicate	96.1	-	-	-	-	-	-	-	2.4	2.5	<1	4.6	629	7	5.06	<0.01
	07-Dec-13	Normal	96.3 - 97	0.925 - 0.982	<0.00005	<0.0001	<0.0003	0.00422 - 0.00425	0.00019 - 0.00021	<0.001 - 0.001	3	3 - 3.5	<1	2.4 - 5.8	616 - 629	10	4.76 - 6.77	<0.01
	08-Dec-13	Normal	90.4 - 94	1 - 1.03	<0.00005	<0.0001	<0.0003	0.00393	0.00018 - 0.00019	<0.001 - 0.0012	2.5 - 2.6	2.5 - 2.9	<1	5.2 - 7.2	657 - 672	10 - 14	6.72 - 7.06	<0.01
	09-Dec-13	Normal	99 - 102	0.937 - 0.997	<0.00005	<0.0001	<0.0003	0.0039 - 0.00391	0.00018 - 0.0002	<0.001	2.9 - 3	2.8 - 2.9	<1	3.4 - 3.6	638	<3	4.78 - 5.29	<0.01
	10-Dec-13	Normal	91.7 - 105	0.921 - 0.935	<0.00005	<0.0001	<0.0003	0.00389 - 0.00397	0.00018 - 0.00021	<0.001	2.3 - 2.4	2.3 - 2.4	<1	3.8 - 4.5	648 - 650	<3 - 6	3.38 - 3.76	<0.01
	11-Dec-13	Normal	88.8	0.962	<0.00005	<0.0001	<0.0003	0.00361	0.00016	<0.001	2.5	2.4	<1	2.3	617	<3	3	<0.01
	12-Dec-13	Normal	90.3 - 93	0.914 - 0.925	<0.00005	<0.0001	<0.0003	0.00373 - 0.00374	0.00017	<0.001	2.6 - 2.7	2.3	<1	4.9 - 6.7	623 - 636	<3 - 7	2.73 - 3.15	<0.01
		Field Duplicate	87.3	0.907	<0.00005	<0.0001	<0.0003	0.00375	0.00016	<0.001	2.6	2.2	<1	7.6	629	<3	3.29	<0.01
	13-Dec-13	Normal	93.3	0.906	<0.00005	<0.0001	<0.0003	0.00334	0.00015	<0.001	3	2.8	<1	14	634	<3	4.65	<0.01
	15-Dec-13	Normal	90.4	0.895	<0.00005	<0.0001	<0.0003	0.00374	0.00017	<0.001	2.9	2.8	<1	6.8	612	<3	2.24	<0.01
	16-Dec-13	Normal	88	0.806	<0.00005	-	<0.0003	0.00351	0.00015	<0.001	2.7	2.7	<1	5.1	632	<3	1.64	<0.01

Obed Mountain Mine
Water Quality
December 2013

	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Total Met
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.0005	0.00005	0.01	0.00001	0.02	0.0001	0.0001	0.0001	0.01	0.00005	0.005	0.005	0.00005	

Location	Date	Sample Type	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese
Blanks	01-Dec-13	Trip Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	02-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	04-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	06-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	07-Dec-13	Trip Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	0.00015	<0.01	<0.00005	<0.005	<0.005	<0.00005
	08-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	09-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	0.00276	<0.01	0.000101	<0.005	<0.005	<0.00005
	10-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	0.00039	<0.01	<0.00005	<0.005	<0.005	<0.00005
	11-Dec-13	Trip Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	12-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	0.00024	<0.01	<0.00005	<0.005	<0.005	<0.00005
	13-Dec-13	Trip Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	15-Dec-13	Trip Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	16-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	17-Dec-13	Trip Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	0.00012	<0.01	<0.00005	<0.005	<0.005	<0.00005
	18-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
		Trip Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	20-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	21-Dec-13	Trip Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	22-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
	23-Dec-13	Trip Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005
30-Dec-13	Field Blank	<0.0005	<0.00005	<0.01	<0.00001	<0.02	<0.0001	<0.0001	<0.0001	<0.01	<0.00005	<0.005	<0.005	<0.00005	
APC	01-Dec-13	Normal	<0.0005	<0.00005	0.052 - 0.053	<0.00001	82 - 83.1	<0.0001 - 0.00016	0.00012 - 0.00013	0.00045 - 0.00087	0.153 - 0.186	0.000106 - 0.000154	0.0346 - 0.0358	25.5 - 26.1	0.08 - 0.082
	02-Dec-13	Normal	<0.0005	<0.00005	0.05	0.000011	82.6 - 84.9	0.00037 - 0.00039	0.00021 - 0.00023	0.00104	0.34 - 0.4	0.000296 - 0.000395	0.0367 - 0.0374	27.4 - 27.9	0.0851 - 0.0888
	04-Dec-13	Normal	<0.0005	<0.00005	0.053	0.000012	91.6	0.00012	0.00012	0.00042	0.167	0.000088	0.0397	29.5	0.0874
	05-Dec-13	Normal	<0.0005	<0.00005	0.055	<0.00001	89.1 - 90.1	<0.0001 - 0.00013	0.00013 - 0.00014	0.00031 - 0.00045	0.165 - 0.167	0.000107 - 0.000139	0.0345 - 0.0354	29.8 - 30.6	0.0904 - 0.0929
	06-Dec-13	Normal	<0.0005	<0.00005	0.054	<0.00001	87 - 88.8	0.00026 - 0.00034	0.00015 - 0.00016	0.00036 - 0.00045	0.218 - 0.226	0.000143 - 0.00015	0.0351 - 0.0361	29.9 - 30.7	0.0919 - 0.0963
		Field Duplicate	<0.0005	<0.00005	0.052	<0.00001	83.2	0.00034	0.00016	0.00047	0.221	0.00013	0.0362	30.1	0.0958
	07-Dec-13	Normal	<0.0005	<0.00005	0.046 - 0.052	<0.00001	84.7 - 85.6	0.0002 - 0.00021	0.00018 - 0.00019	0.0005 - 0.00059	0.259 - 0.282	0.000194 - 0.000203	0.0314 - 0.0358	29.9	0.0989 - 0.102
	08-Dec-13	Normal	<0.0005	<0.00005	0.053 - 0.056	<0.00001	92.4 - 98.1	0.00017 - 0.00022	0.00017 - 0.00019	0.00057 - 0.00092	0.259 - 0.293	0.0002 - 0.000219	0.0415 - 0.0439	28.9 - 30.8	0.095 - 0.1
	09-Dec-13	Normal	<0.0005	<0.00005	0.054	<0.00001	93 - 94.7	0.00015 - 0.00017	0.00016 - 0.00017	0.00056 - 0.00065	0.225 - 0.246	0.00015 - 0.000155	0.0407 - 0.0409	29.5 - 29.7	0.0962 - 0.0987
	10-Dec-13	Normal	<0.0005	<0.00005	0.052 - 0.056	<0.00001	91.7 - 97.6	0.00011 - 0.00013	0.00014	0.00055 - 0.00061	0.175 - 0.191	0.000122 - 0.000124	0.0347 - 0.0354	28.8 - 29.1	0.0962 - 0.0966
	11-Dec-13	Normal	<0.0005	<0.00005	0.044	<0.00001	87.1	<0.0001	0.00013	0.00035	0.155	0.000082	0.0357	30	0.1
	12-Dec-13	Normal	<0.0005	<0.00005	0.051 - 0.052	<0.00001	92.1 - 92.2	<0.0001	0.00011	0.00025 - 0.00029	0.165 - 0.166	0.000077 - 0.00008	0.0338	29.5 - 29.7	0.0923 - 0.0938
		Field Duplicate	<0.0005	<0.00005	0.052	<0.00001	92.6	<0.0001	0.00012	0.00041	0.177	0.000098	0.0346	30	0.0949
	13-Dec-13	Normal	<0.0005	<0.00005	0.052	<0.00001	89.4	<0.0001	0.00012	0.0004	0.153	0.000058	0.0367	28.7	0.101
	15-Dec-13	Normal	<0.0005	<0.00005	0.048	<0.00001	83.1	<0.0001	0.00012	0.00029	0.134	0.000054	0.0313	27.8	0.0911
	16-Dec-13	Normal	<0.0005	<0.00005	0.049	<0.00001	88.6	<0.0001	0.00011	0.0005	0.134	0.000055	0.0382	32.2	0.0948

Obed Mountain Mine
Water Quality
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als													
	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	5.0E-7	0.00005	0.0001	0.3	0.05	0.0001	0.05	0.00001	0.05	0.0001	0.00005	0.0001	0.0003

Location	Date	Sample Type	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
Blanks	01-Dec-13	Trip Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	02-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	04-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	06-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	07-Dec-13	Trip Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	08-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	09-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	10-Dec-13	Field Blank	6.9E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	11-Dec-13	Trip Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	12-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	13-Dec-13	Trip Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	15-Dec-13	Trip Blank	-	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	16-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	17-Dec-13	Trip Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	18-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
		Trip Blank	-	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	20-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	21-Dec-13	Trip Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	22-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
	23-Dec-13	Trip Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003
30-Dec-13	Field Blank	<5.0E-7	<0.00005	<0.0001	<0.3	<0.05	<0.0001	<0.05	<0.00001	<0.05	<0.0001	<0.00005	<0.0001	<0.0003	
APC	01-Dec-13	Normal	6.1E-7 - 7.0E-7	0.00222 - 0.00224	0.00065 - 0.00082	<0.3	1.93 - 1.99	<0.0001 - 0.0001	5.28 - 5.65	<0.00001	91.3 - 92.6	0.909 - 0.916	<0.00005	<0.0001 - 0.00011	0.00214 - 0.00501
	02-Dec-13	Normal	0.00000159 - 0.00000209	0.00215 - 0.00218	0.00091 - 0.00101	<0.3	2.08 - 2.13	0.00011	6.2	<0.00001	91.2 - 93.4	0.913 - 0.949	<0.00005	<0.0001 - 0.00017	0.00858 - 0.0105
	04-Dec-13	Normal	<5.0E-7	0.00204	0.00068	<0.3	2.1	<0.0001	5.71	<0.00001	100	0.983	<0.00005	<0.0001	0.00257
	05-Dec-13	Normal	6.8E-7 - 7.1E-7	0.00208	0.00071 - 0.00074	<0.3	2.18 - 2.22	<0.0001 - 0.00011	5.56 - 5.86	<0.00001	98.7 - 100	0.958 - 0.985	<0.00005	<0.0001	0.00202 - 0.00226
	06-Dec-13	Normal	7.9E-7 - 8.7E-7	0.00201 - 0.00209	0.00071 - 0.00082	<0.3	2.2 - 2.27	<0.0001 - 0.00011	5.93 - 6.04	<0.00001	91.5 - 93.7	0.884 - 0.904	<0.00005	0.00013 - 0.00022	0.00437 - 0.00482
		Field Duplicate	0.00000156	0.00199	0.00086	<0.3	2.21	<0.0001	6	<0.00001	93.2	0.869	<0.00005	0.00021	0.00403
	07-Dec-13	Normal	0.00000142 - 0.00000148	0.00204 - 0.0021	0.00081 - 0.00082	<0.3	2.15 - 2.21	<0.0001 - 0.00011	5.37 - 5.78	<0.00001	96.2 - 96.6	0.936 - 0.96	<0.00005	<0.0001	0.00518 - 0.00633
	08-Dec-13	Normal	9.6E-7 - 0.00000135	0.00206 - 0.00225	0.00076 - 0.00085	<0.3	2.02 - 2.18	<0.0001	5.96 - 6.51	<0.00001	91.5 - 97	0.953 - 1.03	<0.00005	<0.0001	0.00323 - 0.00367
	09-Dec-13	Normal	8.0E-7 - 8.8E-7	0.00205 - 0.00206	0.00069 - 0.0007	<0.3	2.03 - 2.04	<0.0001	5.82 - 6.2	<0.00001	92.5 - 93.7	0.986 - 0.99	<0.00005	<0.0001	0.00367 - 0.0042
	10-Dec-13	Normal	-	0.00189 - 0.00194	0.00068 - 0.00075	<0.3	1.97 - 1.98	<0.0001	5.77 - 5.92	<0.00001	92.7 - 93.6	0.99 - 1.02	<0.00005	<0.0001	0.00229 - 0.00442
	11-Dec-13	Normal	0.00000134	0.00166	0.00058	<0.3	2.01	<0.0001	5.95	<0.00001	94.1	0.878	<0.00005	<0.0001	0.00186
	12-Dec-13	Normal	5.6E-7 - 8.4E-7	0.00181 - 0.00184	0.00056 - 0.00058	<0.3	2.01	<0.0001	5.5 - 5.64	<0.00001	88.4 - 89	0.903 - 0.923	<0.00005	<0.0001	0.00153 - 0.00212
		Field Duplicate	5.5E-7	0.00181	0.00066	<0.3	2.01	<0.0001	5.69	<0.00001	87.2	0.905	<0.00005	<0.0001	0.00217
	13-Dec-13	Normal	<5.0E-7	0.00177	0.00058	<0.3	1.97	<0.0001	5.47	<0.00001	99.1	0.9	<0.00005	<0.0001	0.00175
	15-Dec-13	Normal	6.1E-7	0.00162	0.00055	<0.3	1.85	<0.0001	5.33	<0.00001	84.8	0.876	<0.00005	<0.0001	0.00149
	16-Dec-13	Normal	5.3E-7	0.00163	0.00058	<0.3	1.96	<0.0001	5.41	<0.00001	93.2	0.887	<0.00005	<0.0001	0.00113

Obed Mountain Mine
Water Quality
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	Cyanides															
	Sulphate	Sulphide	Hardness as CaCO3	Total Dissolved Solids	Cyanide Total	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Bismuth (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	
MDL	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
	0.5	0.002			0.005	0.001	0.0001	0.0001	0.00005	0.0005	0.00005	0.01	0.00001	0.02	0.0001	

Location	Date	Sample Type															
	17-Dec-13	Normal	146	<0.002	335	606	<0.005	0.0013	<0.0001	0.00034	0.121	<0.0005	<0.00005	0.05	<0.00001	83.1	<0.0001
	18-Dec-13	Normal	148 - 149	<0.002	324 - 341	601 - 609	<0.005	<0.001 - 0.0019	<0.0001	0.00033 - 0.00043	0.111 - 0.13	<0.0005	<0.00005	0.042 - 0.048	<0.00001	78.7 - 81.2	<0.0001
		Field Duplicate	148	<0.002	324	596	<0.005	0.0014	<0.0001	0.00032	0.112	<0.0005	<0.00005	0.045	<0.00001	81.1	<0.0001
	20-Dec-13	Normal	147	<0.002	341	583	<0.005	0.0014	<0.0001	0.00031	0.127	<0.0005	<0.00005	0.051	<0.00001	80	<0.0001
	21-Dec-13	Normal	144	<0.002	353	592	<0.005	0.0014	<0.0001	0.0005	0.133	<0.0005	<0.00005	0.054	<0.00001	85.2	<0.0001
	22-Dec-13	Normal	146	<0.002	357	610	<0.005	0.0013	<0.0001	0.00143	0.138	<0.0005	<0.00005	0.052	<0.00001	85.2	<0.0001
	23-Dec-13	Normal	141	<0.002	354	592	<0.005	0.0015	<0.0001	0.00029	0.13	<0.0005	<0.00005	0.055	<0.00001	84.7	0.00011
	30-Dec-13	Normal	138	<0.002	326	579	<0.005	0.0011	<0.0001	0.00029	0.109	<0.0005	<0.00005	0.052	<0.00001	78.3	<0.0001
ATR FCI	04-Dec-13	Normal	4.78	<0.002	39.5	50	<0.005	0.0818	<0.0001	0.00021	0.019	<0.0005	<0.00005	0.016	<0.00001	10.6	0.00015
ATR ROC	04-Dec-13	Normal	12.2	<0.002	77.2	103	<0.005	0.0433	<0.0001	0.0004	0.0315	<0.0005	<0.00005	0.023	<0.00001	20.9	0.00011
ATR-CON	01-Dec-13	Normal	72.6	<0.002	189	244	<0.005	0.0067	<0.0001	0.00013	0.0611	<0.0005	<0.00005	0.01	<0.00001	51.3	<0.0001
	02-Dec-13	Normal	68.3 - 70.6	<0.002	192 - 197	244 - 247	<0.005	0.0077 - 0.0274	<0.0001	0.00014	0.0587 - 0.0602	<0.0005	<0.00005	<0.01	<0.00001	52.1 - 52.8	<0.0001
	04-Dec-13	Normal	70.3 - 71.1	<0.002	197 - 198	253 - 256	<0.005	0.009 - 0.0094	<0.0001	0.0002 - 0.00873	0.0655 - 0.0665	<0.0005	<0.00005	<0.01	<0.00001	53.9 - 55.2	<0.0001
	05-Dec-13	Normal	76	<0.002	206	268	<0.005	0.0082	<0.0001	0.00015	0.0698	<0.0005	<0.00005	0.01	<0.00001	56.9	<0.0001
	06-Dec-13	Normal	82.1	0.0045	216	277	<0.005	-	-	-	-	-	-	-	-	58.6	-
	13-Dec-13	Normal	74.6	<0.002	222	264	<0.005	0.0065	<0.0001	0.00018	0.0651	<0.0005	<0.00005	<0.01	<0.00001	57.9	<0.0001
	15-Dec-13	Normal	81.6 - 82.9	<0.002	202 - 205	258 - 263	<0.005	0.0073	<0.0001	0.00012 - 0.00053	0.0652 - 0.0668	<0.0005	<0.00005	<0.01 - 0.011	<0.00001	54.5 - 55.5	<0.0001
	16-Dec-13	Normal	82.8	<0.002	208	256	<0.005	0.0059	<0.0001	0.00013	0.0604	<0.0005	<0.00005	0.011	<0.00001	55.9	<0.0001
	17-Dec-13	Normal	85.3	<0.002	208	258	<0.005	0.0066	<0.0001	0.00014	0.0608	<0.0005	<0.00005	0.012	<0.00001	54.9	<0.0001
	18-Dec-13	Normal	82 - 85	<0.002 - 0.0025	209 - 211	257 - 259	<0.005	0.0078 - 0.0179	<0.0001	0.00017 - 0.00021	0.0662 - 0.0683	<0.0005	<0.00005	<0.01	<0.00001	53.1 - 53.7	<0.0001
	20-Dec-13	Normal	80.6	0.0023	213	255	<0.005	0.0072	<0.0001	0.00285	0.0699	<0.0005	<0.00005	<0.01	<0.00001	54	<0.0001
	21-Dec-13	Normal	80	<0.002	222	265	<0.005	0.0082	<0.0001	0.00018	0.0707	<0.0005	<0.00005	<0.01	<0.00001	56.7	<0.0001
	22-Dec-13	Normal	83.2	0.0034	231	271	<0.005	0.0098	<0.0001	0.00015	0.0723	<0.0005	<0.00005	<0.01	<0.00001	59.5	<0.0001
	23-Dec-13	Normal	84.2	0.0033	224	266	<0.005	0.0093	<0.0001	0.00021	0.0698	<0.0005	<0.00005	0.011	<0.00001	57.8	<0.0001
	30-Dec-13	Normal	84.9	0.0029	201	255	<0.005	0.0099	<0.0001	0.00011	0.0597	<0.0005	<0.00005	<0.01	<0.00001	53.5	<0.0001
ATR-D1	01-Dec-13	Normal	77.1	<0.002	184	241	<0.005	0.008	<0.0001	0.00072	0.0597	<0.0005	<0.00005	0.011	<0.00001	49.3	<0.0001
	02-Dec-13	Normal	75.2 - 77.7	<0.002	190 - 197	245	<0.005	0.0082 - 0.0091	<0.0001	0.00011 - 0.00012	0.0631 - 0.0674	<0.0005	<0.00005	<0.01	<0.00001	51.5 - 53	<0.0001
	04-Dec-13	Normal	70.5 - 72.4	<0.002	206 - 214	259 - 262	<0.005	0.0103 - 0.0108	<0.0001	0.0002 - 0.00277	0.0813 - 0.0814	<0.0005	<0.00005	<0.01 - 0.01	<0.00001	57.2 - 59.2	<0.0001
		Field Duplicate	69.6	<0.002	208	259	<0.005	0.0103	<0.0001	0.0003	0.083	<0.0005	<0.00005	<0.01	<0.00001	57.7	<0.0001
	05-Dec-13	Normal	78.9	<0.002	207	270	<0.005	0.0093	<0.0001	0.00014	0.0804	<0.0005	<0.00005	0.01	<0.00001	56	<0.0001
	06-Dec-13	Normal	91.9 - 92.2	<0.002 - 0.0026	214 - 215	280	<0.005	-	-	-	-	-	-	-	-	57.9 - 58.2	-
	15-Dec-13	Normal	84.8	<0.002	201	258	<0.005	0.0082	<0.0001	0.00013	0.067	<0.0005	<0.00005	<0.01	<0.00001	54.5	<0.0001
	16-Dec-13	Normal	87.9	0.0024	205	256	<0.005	0.0069	<0.0001	0.00012	0.0689	<0.0005	<0.00005	<0.01	<0.00001	53.3	<0.0001
	17-Dec-13	Normal	85.6	0.0021	201	253	<0.005	0.0073	<0.0001	0.00017	0.0606	<0.0005	<0.00005	<0.01	<0.00001	52.3	<0.0001
	18-Dec-13	Normal	89.2 - 93.1	0.0029 - 0.003	202 - 217	261 - 265	<0.005	0.0082 - 0.0097	<0.0001	0.00011 - 0.00013	0.0601 - 0.0678	<0.0005	<0.00005	<0.01 - 0.01	<0.00001	53 - 55.2	<0.0001
	20-Dec-13	Normal	86.3	0.0024	215	255	<0.005	0.0084	<0.0001	0.00014	0.0686	<0.0005	<0.00005	<0.01	<0.00001	54.6	<0.0001
	21-Dec-13	Normal	87.5	0.0028	218	261	<0.005	0.0088	<0.0001	0.00013	0.0709	<0.0005	<0.00005	0.01	<0.00001	55.3	<0.0001

Obed Mountain Mine
Water Quality
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	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Total Metals
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.0005	0.00005	0.01	0.00001	0.02	0.0001	0.0001	0.0001	0.01	0.00005	0.005	0.005	0.00005	

Location	Date	Sample Type	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese
	17-Dec-13	Normal	<0.0005	<0.00005	0.047	<0.00001	85.2	<0.0001	0.00011	0.00021	0.124	<0.00005	0.0353	30.3	0.0894
	18-Dec-13	Normal	<0.0005	<0.00005	0.053 - 0.055	<0.00001	93.4 - 94.6	<0.0001	0.00011 - 0.00012	0.00043 - 0.00046	0.158 - 0.183	0.000056 - 0.000072	0.0319 - 0.0417	34.1 - 34.9	0.0959 - 0.101
		Field Duplicate	<0.0005	<0.00005	0.056	<0.00001	93.8	<0.0001	0.00012	0.00028	0.154	0.000052	0.0391	33.9	0.0959
	20-Dec-13	Normal	<0.0005	<0.00005	0.053	<0.00001	93.5	<0.0001	0.00013	0.00035	0.163	0.000071	0.03	34.2	0.0968
	21-Dec-13	Normal	<0.0005	<0.00005	0.052	<0.00001	88.8	<0.0001	<0.0001	0.00027	0.12	<0.00005	0.0438	29.3	0.0879
	22-Dec-13	Normal	<0.0005	<0.00005	0.052	<0.00001	86.3	<0.0001	0.0001	0.00035	0.141	<0.00005	0.0328	32.6	0.0963
	23-Dec-13	Normal	<0.0005	<0.00005	-	<0.00001	88.8	<0.0001	0.0001	0.00017	0.122	<0.00005	0.0412	29.4	0.0895
	30-Dec-13	Normal	<0.0005	<0.00005	0.055	<0.00001	85.4	<0.0001	0.00011	0.00103	0.155	0.000097	0.0357	32.4	0.0885
ATR FCI	04-Dec-13	Normal	<0.0005	<0.00005	0.014	<0.00001	10	0.00062	0.00018	0.00133	0.624	0.000327	<0.005	3.11	0.0104
ATR ROC	04-Dec-13	Normal	<0.0005	<0.00005	0.02	0.000011	19.8	0.00045	0.0002	0.00134	0.69	0.00031	<0.005	6.34	0.0178
ATR-CON	01-Dec-13	Normal	<0.0005	<0.00005	0.011	0.000015	51.2	0.00038	0.00018	0.00102	0.383	0.00053	<0.005	13.8	0.015
	02-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	51.6 - 52.9	0.00026 - 0.00029	<0.0001	0.00071 - 0.00081	0.144 - 0.155	0.000155 - 0.000195	<0.005	14.2 - 14.3	0.0125 - 0.0144
	04-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	53.9 - 55.6	0.00017 - 0.00018	<0.0001	0.00032 - 0.00037	0.121 - 0.129	0.000099 - 0.000108	<0.005	14.7 - 15.4	0.0152 - 0.0155
	05-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	55.4	0.00018	<0.0001	0.00038	0.152	0.000154	<0.005	16.2	0.0179
	06-Dec-13	Normal	<0.0005	<0.00005	0.012	0.000067	67.6	0.0021	0.00113	0.00293	2.43	0.00245	0.0062	17.9	0.0922
	13-Dec-13	Normal	<0.0005	<0.00005	0.01	0.000014	57.7	0.00034	0.00015	0.00096	0.306	0.000426	<0.005	15.5	0.0165
	15-Dec-13	Normal	<0.0005	<0.00005	0.01 - 0.011	<0.00001	53.5 - 58.2	0.00022 - 0.00027	0.00012 - 0.00014	0.00048 - 0.00082	0.219 - 0.301	0.000251 - 0.000366	<0.005	15.9 - 16.1	0.0119 - 0.0143
	16-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	54.5	0.00016	<0.0001	0.00035	0.121	0.000243	<0.005	17.6	0.0106
	17-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	50.8	0.00029	0.00013	0.00064	0.247	0.00035	<0.005	16.2	0.0129
	18-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	55.5 - 57.5	0.00015 - 0.00016	<0.0001	0.00056 - 0.00089	0.09 - 0.108	0.000113 - 0.000131	<0.005	18.6 - 19.3	0.00973 - 0.0102
	20-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	59.7	0.00012	<0.0001	0.00049	0.078	0.000077	<0.005	19.1	0.00879
	21-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	63	0.00015	<0.0001	0.0005	0.076	0.000071	<0.005	19.4	0.00907
	22-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	54.2	0.00013	<0.0001	0.00049	0.073	0.000068	<0.005	18.5	0.00927
	23-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	54.6	0.00022	<0.0001	0.00046	0.093	0.000097	<0.005	17.8	0.00906
	30-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	58.5	0.00015	<0.0001	0.00043	0.102	0.000083	<0.005	17.7	0.00981
ATR-D1	01-Dec-13	Normal	<0.0005	<0.00005	0.014	<0.00001	66	0.00021	<0.0001	0.00079	0.208	0.000227	<0.005	13.6	0.00983
	02-Dec-13	Normal	<0.0005	<0.00005	<0.01 - 0.01	<0.00001	48.6 - 51.6	0.00021 - 0.00023	<0.0001	0.00076 - 0.00102	0.087 - 0.095	0.0001 - 0.000105	<0.005	14 - 14.7	0.00781 - 0.00798
	04-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001 - 0.00002	57.6 - 64.2	0.00016 - 0.00065	<0.0001 - 0.00037	0.00037 - 0.0011	0.075 - 0.699	0.000069 - 0.000644	<0.005	14.4 - 17	0.01 - 0.0379
		Field Duplicate	<0.0005	<0.00005	<0.01	<0.00001	59.9	0.00019	<0.0001	0.00039	0.111	0.000245	<0.005	16.5	0.0116
	05-Dec-13	Normal	<0.0005	0.000086	0.01	<0.00001	55.9	0.00025	<0.0001	0.00052	0.095	0.000098	<0.005	17.3	0.0121
	06-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001 - 0.000012	54.4 - 55	0.00035 - 0.0007	0.0001 - 0.00014	0.00059 - 0.00107	0.118 - 0.165	0.000122 - 0.000336	<0.005	16.8 - 17.1	0.0197 - 0.0205
	15-Dec-13	Normal	<0.0005	<0.00005	0.011	<0.00001	59.1	0.0002	<0.0001	0.00028	0.094	0.000088	<0.005	17.7	0.00958
	16-Dec-13	Normal	<0.0005	<0.00005	0.011	<0.00001	57.8	0.00014	<0.0001	0.00026	0.085	0.000091	<0.005	17.1	0.00883
	17-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	52.9	0.00014	<0.0001	0.00034	0.08	0.000081	<0.005	17	0.0081
	18-Dec-13	Normal	<0.0005	<0.00005	<0.01 - 0.011	<0.00001	55.2 - 59.7	0.00015 - 0.00016	<0.0001	0.00032 - 0.00036	0.065 - 0.073	0.000078 - 0.000088	<0.005	17.8 - 19.4	0.00802 - 0.00838
	20-Dec-13	Normal	<0.0005	<0.00005	0.011	<0.00001	60.3	0.00019	<0.0001	0.00036	0.072	0.000067	<0.005	18.9	0.0083
	21-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	60.9	0.00011	<0.0001	0.00026	0.056	0.000056	<0.005	18.9	0.00731

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als

	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	5.0E-7	0.00005	0.0001	0.3	0.05	0.0001	0.05	0.00001	0.05	0.0001	0.00005	0.0001	0.0003

Location Date Sample Type

	17-Dec-13	Normal	6.9E-7	0.00154	0.00054	<0.3	1.83	<0.0001	5.28	<0.00001	86.3	0.837	<0.00005	<0.0001	0.00106
	18-Dec-13	Normal	7.5E-7 - 9.0E-7	0.00159 - 0.00175	0.00059 - 0.00065	<0.3	2.03	<0.0001	5.94 - 6.08	<0.00001	100 - 102	0.94 - 0.96	<0.00005	<0.0001	0.00179 - 0.00215
		Field Duplicate	5.3E-7	0.00173	0.00059	<0.3	2.04	<0.0001	6.06	<0.00001	102	0.925	<0.00005	<0.0001	0.00285
	20-Dec-13	Normal	<5.3E-7	0.00154	0.0006	<0.3	1.94	<0.0001	5.55	<0.00001	98.3	0.923	<0.00005	<0.0001	0.00085
	21-Dec-13	Normal	<6.0E-7	0.00156	0.00054	<0.3	1.92	<0.0001	5.89	<0.00001	81	0.913	<0.00005	<0.0001	0.00133
	22-Dec-13	Normal	<5.3E-7	0.00152	0.00058	<0.3	2.08	0.00016	5.45	<0.00001	96.4	0.877	<0.00005	0.0001	0.00105
	23-Dec-13	Normal	<0.000001	0.00153	0.00051	<0.3	1.92	<0.0001	5.73	<0.00001	82.6	0.898	<0.00005	<0.0001	0.00049
	30-Dec-13	Normal	5.4E-7	0.00167	0.00055	<0.3	1.97	<0.0001	5.83	<0.00001	98	0.928	<0.00005	<0.0001	0.00074
ATR-FCI	04-Dec-13	Normal	0.00000124	0.000317	0.00107	<0.3	1.17	<0.0001	3	<0.00001	3.6	0.0649	<0.00005	<0.0001	0.0078
ATR-ROC	04-Dec-13	Normal	0.00000128	0.000461	0.00118	<0.3	1.26	0.0001	4.07	<0.00001	9.94	0.121	<0.00005	<0.0001	0.00594
ATR-CON	01-Dec-13	Normal	0.00000233	0.00101	0.00073	<0.3	0.725	0.0003	2.91	<0.00001	10.4	0.54	<0.00005	<0.0001	0.00956
	02-Dec-13	Normal	8.0E-7 - 0.00000262	0.000988 - 0.001	0.00048 - 0.00052	<0.3	0.699 - 0.722	0.00028 - 0.00031	2.47 - 2.56	<0.00001	10.1 - 10.2	0.536	<0.00005	<0.0001	0.00248 - 0.00391
	04-Dec-13	Normal	<5.0E-7 - 6.6E-7	0.00104 - 0.00105	0.00039 - 0.00044	<0.3	0.782 - 0.811	0.00031 - 0.00033	2.67 - 2.88	<0.00001	14.1 - 14.6	0.53 - 0.558	<0.00005	<0.0001	0.00237 - 0.00372
	05-Dec-13	Normal	0.00000128	0.00125	0.00044	<0.3	0.923	0.00033	3.03	<0.00001	15	0.574	<0.00005	<0.0001	0.00272
	06-Dec-13	Normal	0.00000449	0.00143	0.00329	<0.3	1.31	0.00043	5.43	0.00026	14.6	0.599	<0.00005	0.00039	0.0335
	13-Dec-13	Normal	0.00000199	0.00112	0.00064	<0.3	0.768	0.00027	3.03	<0.00001	13.1	0.553	<0.00005	<0.0001	0.0088
	15-Dec-13	Normal	0.0000015 - 0.00000258	0.00108 - 0.00116	0.00045 - 0.00067	<0.3	0.735 - 0.743	0.0003 - 0.00035	2.53 - 2.58	<0.00001 - 0.000014	10.1 - 10.2	0.607 - 0.643	<0.00005	<0.0001	0.00376 - 0.00822
	16-Dec-13	Normal	7.7E-7	0.00108	0.00041	<0.3	0.739	0.00035	2.56	<0.00001	10.4	0.592	<0.00005	<0.0001	0.00248
	17-Dec-13	Normal	0.00000219	0.000975	0.00059	<0.3	0.74	0.00032	2.47	<0.00001	9.93	0.544	<0.00005	<0.0001	0.00584
	18-Dec-13	Normal	5.6E-7 - 6.0E-7	0.00105 - 0.00108	0.00035 - 0.0004	<0.3	0.818 - 0.837	0.00036 - 0.0004	2.66 - 2.72	<0.00001	11.7 - 12.6	0.59 - 0.611	<0.00005	<0.0001 - 0.00013	0.0015 - 0.00257
	20-Dec-13	Normal	<5.0E-7	0.00102	0.00036	<0.3	0.785	0.00035	2.65	<0.00001	10.8	0.608	<0.00005	<0.0001	0.00116
	21-Dec-13	Normal	<8.0E-7	0.00109	0.00034	<0.3	0.83	0.00036	2.82	<0.00001	12	0.631	<0.00005	<0.0001	0.00218
	22-Dec-13	Normal	<5.5E-7	0.00101	0.00031	<0.3	0.956	0.00036	2.48	<0.00001	13.4	0.587	<0.00005	<0.0001	0.00111
	23-Dec-13	Normal	<6.3E-7	0.00103	0.00035	<0.3	0.91	0.00033	2.54	<0.00001	12.3	0.584	<0.00005	0.00011	0.00111
	30-Dec-13	Normal	7.0E-7	0.00112	0.00032	<0.3	0.854	0.00042	2.63	<0.00001	12.7	0.623	<0.00005	<0.0001	-
ATR-D1	01-Dec-13	Normal	7.7E-7	0.00128	0.00051	<0.3	0.687	0.0003	2.09	<0.00001	9.71	0.687	<0.00005	<0.0001	0.00234
	02-Dec-13	Normal	5.9E-7 - 8.3E-7	0.00101	0.00041 - 0.00042	<0.3	0.703 - 0.715	0.00032	2.1 - 2.18	<0.00001 - 0.000025	9.22 - 9.52	0.554 - 0.559	<0.00005	<0.0001 - 0.00011	0.00109 - 0.00121
	04-Dec-13	Normal	<5.0E-7 - 7.6E-7	0.00106 - 0.00108	0.00035 - 0.00116	<0.3	0.845 - 0.988	0.00031 - 0.00032	2.62 - 3.26	<0.00001	13.2 - 13.6	0.575 - 0.58	<0.00005	<0.0001	0.00103 - 0.00847
		Field Duplicate	<5.0E-7	0.00112	0.00043	<0.3	0.891	0.00031	2.71	<0.00001	13.5	0.588	<0.00005	<0.0001	0.00209
	05-Dec-13	Normal	8.7E-7	0.00123	0.00053	<0.3	0.948	0.00039	2.73	<0.00001	14	0.565	<0.00005	0.0002	0.00178
	06-Dec-13	Normal	9.4E-7 - 0.00000186	0.00144 - 0.00151	0.0005 - 0.00072	<0.3	0.905 - 0.917	0.00038 - 0.0004	2.31 - 2.54	<0.00001	14.9 - 15.2	0.61 - 0.631	<0.00005	0.00014	0.00251 - 0.00301
	15-Dec-13	Normal	6.2E-7	0.00112	0.00042	<0.3	0.714	0.00035	2.31	<0.00001	11	0.633	<0.00005	<0.0001	0.0027
	16-Dec-13	Normal	<5.0E-7	0.00114	0.00036	<0.3	0.726	0.00035	2.35	<0.00001	10	0.641	<0.00005	<0.0001	0.00115
	17-Dec-13	Normal	<5.0E-7	0.00105	0.00037	<0.3	0.758	0.00036	2.35	<0.00001	10	0.572	<0.00005	<0.0001	0.00165
	18-Dec-13	Normal	<5.0E-7 - 5.2E-7	0.00109 - 0.00112	0.00035 - 0.00037	<0.3	0.816 - 0.837	0.00036 - 0.00037	2.42 - 2.44	<0.00001	11.2 - 11.4	0.615 - 0.667	<0.00005	<0.0001	0.00114 - 0.00144
	20-Dec-13	Normal	<7.0E-7	0.0011	0.00037	<0.3	0.81	0.0004	2.49	<0.00001	10.1	0.657	<0.00005	<0.0001	0.00163
21-Dec-13	Normal	<5.5E-7	0.00109	0.00031	<0.3	0.84	0.0004	2.51	<0.00001	11.3	0.655	<0.00005	<0.0001	0.00084	

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	Aggregate Organics				Anions and Nutrients													
	Hydrocarbons, Recoverable (I.R.)	BOD	Phenols (4AAP)	Alkalinity (T) as CaCO3	Ammonia	Bicarbonate	Carbonate	Chloride	Electrical Conductivity (lab)	Hydroxide	Ionic Balance	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate + Nitrite-N	Nitrite (as N)	pH (Lab)	Phosphorus	Phosphorus (Filtered)
	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mS/cm	mg/L	%	mg/L	mg/L	mg/L	mg/L	pH	mg/L	mg/L
MDL	1	2	1	2	0.05	5	5	0.5	0.0002	5		0.2	0.05	0.07	0.05	0.1	0.001	0.001

Location	Date	Sample Type																		
	22-Dec-13	Normal	<1	<2	1.7	138	0.113	169	<5	4.76	0.438	<5	104	<0.2	0.083	0.083	<0.05	8.15	0.0128	0.0062
	23-Dec-13	Normal	<1	<2	<1	137	0.131	168	<5	4.39	0.453	<5	106	<0.2	0.095	0.095	<0.05	7.97	0.0138	0.0073
ATR-PLC	01-Dec-13	Normal	<1	<2	1.1 - 1.9	153 - 162	<0.05	186 - 198	<5	3.54 - 3.61	0.436 - 0.437	<5	85.5 - 88.6	<0.2	0.071	<0.071	<0.05	7.9 - 7.92	0.0136 - 0.0152	0.002 - 0.0025
	02-Dec-13	Normal	<1	<2	1.2 - 2.9	132	<0.05	160 - 161	<5	3.95 - 3.97	0.423 - 0.427	<5	93.6 - 96.9	<0.2	0.059 - 0.087	<0.071 - 0.087	<0.05	7.81	0.0127 - 0.0138	0.0021 - 0.0035
	04-Dec-13	Normal	<1	<2 - 2.5	3 - 3.1	135 - 136	0.071 - 0.082	164 - 165	<5	6.14 - 6.17	0.448 - 0.451	<5	94.9 - 98.1	<0.2	0.061 - 0.063	<0.071	<0.05	7.85 - 7.86	0.0174 - 0.0184	0.0029 - 0.0032
	05-Dec-13	Normal	<1	<2	3.6	143	0.105	174	<5	6.5	0.473	<5	98	<0.2	0.079	0.079	<0.05	7.86	0.0184	0.0037
	06-Dec-13	Normal	<1	<2 - 3.1	<1 - 3	147 - 222	<0.05 - 0.108	180 - 270	<5	2.76 - 7.01	0.478 - 0.492	<5	97.6 - 97.8	<0.2	0.063 - 0.073	<0.071 - 0.073	<0.05	7.95 - 8.15	0.016 - 0.0198	0.0023 - 0.0041
	13-Dec-13	Normal	<1	<2	1.3	179	<0.05	218	<5	3.63	0.44	<5	102	<0.2	0.07	<0.071	<0.05	8.11	0.0115	0.0057
ATR-US	01-Dec-13	Normal	<1	<2	1.9	132	<0.05	160	<5	4.14	0.423	<5	90.7	<0.2	0.063	<0.071	<0.05	7.81	0.015	0.0026
	02-Dec-13	Normal	<1	2.4	<1	131	<0.05	160	<5	4.38	0.419	<5	93.2	<0.2	0.055	<0.071	<0.05	7.76	0.0158	0.0025
	04-Dec-13	Normal	<1	<2	3.2	136	0.082	166	<5	6.3	0.456	<5	100	<0.2	0.059	<0.071	<0.05	7.84	0.021	0.0028
	05-Dec-13	Normal	<1	<2	4.6	142	0.11	173	<5	7.21	0.474	<5	96.6	<0.2	0.089	0.089	<0.05	7.85	0.0228	0.0049
	06-Dec-13	Normal	<1	3	2.4	154	0.122	188	<5	7.92	0.485	<5	105	0.25	0.065	<0.071	<0.05	7.95	0.0463	0.0041
	15-Dec-13	Normal	<1	<2	1.5	136	0.086	166	<5	3.8	0.422	<5	94.4	<0.2	0.072	0.072	<0.05	8.08	0.0172	0.0058
	16-Dec-13	Normal	<1	<2	<1	128	0.057	156	<5	4.06	0.432	<5	93.3	<0.2	0.076	0.076	<0.05	7.93	0.0151	0.0042
	17-Dec-13	Normal	<1	<2	2.2	129	<0.05	157	<5	4.07	0.429	<5	96.3	<0.2	0.065	<0.071	<0.05	7.95	0.0157	0.0042
	18-Dec-13	Normal	<1	<2	1.8	130 - 131	<0.05 - 0.068	159 - 160	<5	3.76 - 3.87	0.418 - 0.419	<5	94.6 - 104	<0.2	0.079 - 0.106	0.079 - 0.106	<0.05	7.97 - 8	0.0145 - 0.0146	0.0042 - 0.0048
	20-Dec-13	Normal	<1	2.8	1.8	130	0.079	159	<5	4.29	0.433	<5	103	<0.2	0.065	<0.071	<0.05	7.99	0.0147	0.0059
	21-Dec-13	Normal	<1	<2	3.4	135	0.095	164	<5	5.12	0.448	<5	104	<0.2	0.066	<0.071	<0.05	8	0.0173	0.007
	22-Dec-13	Normal	<1	<2	<1	138	0.099	168	<5	4.32	0.438	<5	103	<0.2	0.073	0.073	<0.05	8.14	0.0205	0.0073
	23-Dec-13	Normal	<1	<2	<1	131	0.094	160	<5	3.76	0.447	<5	105	<0.2	0.059	<0.071	<0.05	7.95	0.0221	0.0068
	30-Dec-13	Normal	<1	<2	<1	127	0.071	155	<5	4.39	0.452	<5	100	<0.2	0.055	<0.071	<0.05	7.86	0.0106	0.0064
PLC-DS	01-Dec-13	Normal	<1	<2	<1	259	<0.05	316	<5	<0.5	0.483	<5	88.9	<0.2	0.077	0.077	<0.05	8.14	0.0155	0.0022
	02-Dec-13	Normal	<1	<2	1.5	274	<0.05	334	<5	<0.5	0.475	<5	87.9	<0.2	0.076	0.076	<0.05	8.13	0.0177	0.0025
		Field Duplicate	<1	<2	<1	256	<0.05	313	<5	<0.5	0.474	<5	91.5	<0.2	0.069	<0.071	<0.05	8.12	0.0141	0.0045
	04-Dec-13	Normal	<1	<2	<1	255	<0.05	311	<5	<0.5	0.49	<5	96.7	<0.2	0.073	0.073	<0.05	8.11	0.0127	0.0013
	05-Dec-13	Normal	<1	<2	<1 - 1.2	253 - 261	<0.05	308 - 319	<5	<0.5 - 0.68	0.492	<5	95.7 - 97.1	<0.2	0.083 - 0.088	0.083 - 0.088	<0.05	8.1 - 8.11	0.013	0.0011 - 0.0014
	06-Dec-13	Normal	<1	<2	<1	255	<0.05	311	<5	<0.5	0.49	<5	98.7	<0.2	0.073	0.073	<0.05	8.18	0.0132	0.0021
	07-Dec-13	Normal	<1	<2 - 2.4	<1	257 - 259	<0.05	313 - 316	<5	<0.5	0.497 - 0.498	<5	97.6 - 98.3	<0.2	0.08 - 0.095	0.08 - 0.095	<0.05	8.18	0.0126 - 0.0136	0.0018 - 0.0019
	08-Dec-13	Normal	<1	<2	<1	253 - 260	<0.05	309 - 317	<5	<0.5	0.491 - 0.492	<5	99.8 - 100	<0.2 - 0.26	0.081 - 0.082	0.081 - 0.082	<0.05	8.06 - 8.07	0.0165 - 0.0166	0.002 - 0.0026
	09-Dec-13	Normal	<1	<2	<1	247 - 252	<0.05	302 - 307	<5	<0.5	0.464 - 0.471	<5	99.3 - 103	<0.2	0.077 - 0.078	0.077 - 0.078	<0.05	8.21 - 8.22	0.018 - 0.0189	0.0018 - 0.0019
	10-Dec-13	Normal	<1	<2	<1	252 - 259	<0.05	307 - 316	<5	<0.5	0.471 - 0.48	<5	101	<0.2	0.075	0.075	<0.05	8.13 - 8.14	0.0152 - 0.0179	0.0024 - 0.0031
		Field Duplicate	<1	<2	<1	250	<0.05	304	<5	<0.5	0.402	<5	102	<0.2	0.075	0.075	<0.05	8.14	0.0167	0.0032
	11-Dec-13	Normal	<1	<2	<1	247 - 251	<0.05	301 - 306	<5	<0.5	0.48 - 0.488	<5	98.1 - 99	<0.2	0.071 - 0.074	<0.071 - 0.074	<0.05	8.13 - 8.14	0.0159 - 0.0163	0.0021 - 0.0034
	12-Dec-13	Normal	<1	<2	<1	249 - 250	<0.05	303 - 306	<5	<0.5	0.468 - 0.469	<5	97.1 - 98.1	<0.2	0.086 - 0.087	0.086 - 0.087	<0.05	8.29	0.0156 - 0.018	0.0021 - 0.003
	13-Dec-13	Normal	<1	<2	<1	249	<0.05	304	<5	<0.5	0.47	<5	106	<0.2	0.078	0.078	<0.05	8.23	0.0138	0.0023
	15-Dec-13	Normal	<1	<2	<1	254	<0.05	310	<5	<0.5	0.463	<5	95.1	<0.2	0.076	0.076	<0.05	8.3	0.0142	0.002

Obed Mountain Mine
Water Quality
December 2013

	Sulphate	Sulphide	Hardness as CaCO3	Total Dissolved Solids	Cyanides	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Bismuth (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)
					Cyanide Total										
MDL	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	0.5	0.002			0.005	0.001	0.0001	0.0001	0.00005	0.0005	0.00005	0.01	0.00001	0.02	0.0001

Location Date Sample Type

	22-Dec-13	Normal	89.1	0.0048	219	266	<0.005	0.0122	<0.0001	0.00013	0.0706	<0.0005	<0.00005	0.01	<0.00001	55.5	<0.0001
	23-Dec-13	Normal	89.6	0.004	223	267	<0.005	0.0109	<0.0001	0.00033	0.0683	<0.0005	<0.00005	0.011	<0.00001	57.9	<0.0001
ATR-PLC	01-Dec-13	Normal	70.6 - 72.3	<0.002 - 0.002	182 - 184	243 - 246	<0.005	0.008	<0.0001	0.00012 - 0.00013	0.0572 - 0.0603	<0.0005	<0.00005	<0.01 - 0.01	<0.00001	48.3 - 48.6	<0.0001
	02-Dec-13	Normal	80.8 - 81.2	0.0021 - 0.0025	185 - 191	240 - 242	<0.005	0.009 - 0.0095	<0.0001	<0.0001 - 0.0001	0.0552 - 0.0556	<0.0005	<0.00005	<0.01	<0.00001	49.2 - 50.2	<0.0001
	04-Dec-13	Normal	84.3 - 85	<0.002	189 - 196	253 - 256	<0.005	0.0137	<0.0001	0.00019 - 0.00031	0.0595 - 0.0609	<0.0005	<0.00005	<0.01	<0.00001	50.6 - 53.5	<0.0001
	05-Dec-13	Normal	91.4	0.0026	207	273	<0.005	0.0112	<0.0001	0.00017	0.0642	<0.0005	<0.00005	0.011	<0.00001	56.7	<0.0001
	06-Dec-13	Normal	42.9 - 90.6	<0.002	211 - 227	276 - 277	<0.005	-	-	-	-	-	-	-	-	57 - 63.8	-
	13-Dec-13	Normal	62.4	0.0023	224	265	<0.005	0.0065	<0.0001	0.00032	0.0647	<0.0005	<0.00005	<0.01	<0.00001	58.5	<0.0001
ATR-US	01-Dec-13	Normal	82	<0.002	181	238	<0.005	0.0093	<0.0001	<0.0001	0.056	<0.0005	<0.00005	0.01	<0.00001	48	<0.0001
	02-Dec-13	Normal	81.5	0.0022	183	240	<0.005	0.0089	<0.0001	0.0001	0.0545	<0.0005	<0.00005	<0.01	<0.00001	47.9	<0.0001
	04-Dec-13	Normal	88	0.0028	206	263	<0.005	0.012	<0.0001	0.0002	0.061	<0.0005	<0.00005	0.01	<0.00001	56.5	<0.0001
	05-Dec-13	Normal	93	<0.002	204	274	<0.005	0.0123	<0.0001	<0.0001	0.0627	<0.0005	<0.00005	0.011	<0.00001	55.4	<0.0001
	06-Dec-13	Normal	88	0.0042	228	286	<0.005	-	-	-	-	-	-	-	-	57.7	-
	15-Dec-13	Normal	89.1	<0.002	198	255	<0.005	0.0087	<0.0001	<0.0001	0.0591	<0.0005	<0.00005	<0.01	<0.00001	53.6	<0.0001
	16-Dec-13	Normal	89.5	0.0033	189	246	<0.005	0.0081	<0.0001	<0.0001	0.0611	<0.0005	<0.00005	<0.01	<0.00001	48.3	<0.0001
	17-Dec-13	Normal	91.6	0.0032	198	253	<0.005	0.0093	<0.0001	<0.0001	0.0568	<0.0005	<0.00005	0.011	<0.00001	50.9	<0.0001
	18-Dec-13	Normal	90.3 - 90.6	0.0027 - 0.003	197 - 218	252 - 258	<0.005	0.009 - 0.0107	<0.0001	0.00012 - 0.00015	0.059 - 0.0633	<0.0005	<0.00005	<0.01 - 0.011	<0.00001	51.9 - 55.7	<0.0001
	20-Dec-13	Normal	91.4	0.004	213	259	<0.005	0.0101	<0.0001	0.00012	0.0646	<0.0005	<0.00005	<0.01	<0.00001	53.5	<0.0001
	21-Dec-13	Normal	94.6	0.0057	220	270	<0.005	0.013	<0.0001	0.00015	0.0678	<0.0005	<0.00005	<0.01	<0.00001	55.7	<0.0001
	22-Dec-13	Normal	94.7	0.0048	222	271	<0.005	0.0135	<0.0001	0.00012	0.0685	<0.0005	<0.00005	<0.01	<0.00001	55.9	<0.0001
	23-Dec-13	Normal	91.5	0.0046	216	260	<0.005	0.0113	<0.0001	0.0001	0.0666	<0.0005	<0.00005	0.015	<0.00001	54.2	<0.0001
	30-Dec-13	Normal	94.7	0.0033	205	260	<0.005	0.011	<0.0001	0.0003	0.0586	<0.0005	<0.00005	<0.01	<0.00001	54.5	<0.0001
	PLC-DS	01-Dec-13	Normal	19.2	<0.002	215	267	<0.005	0.0028	<0.0001	0.00024	0.0771	<0.0005	<0.00005	<0.01	<0.00001	60.7
02-Dec-13		Normal	17.3	<0.002	222	277	<0.005	0.0023	<0.0001	0.00046	0.0763	<0.0005	<0.00005	<0.01	<0.00001	62.9	<0.0001
		Field Duplicate	17.3	<0.002	217	264	<0.005	0.0021	<0.0001	0.00031	0.0776	<0.0005	<0.00005	<0.01	<0.00001	60.5	<0.0001
04-Dec-13		Normal	20.6	<0.002	231	274	<0.005	0.0017	<0.0001	0.0003	0.0787	<0.0005	<0.00005	<0.01	<0.00001	67.3	<0.0001
05-Dec-13		Normal	21.1 - 21.2	<0.002	228 - 232	274 - 279	<0.005	0.0018 - 0.0026	<0.0001	0.00023 - 0.0003	0.0835 - 0.0843	<0.0005	<0.00005	<0.01	<0.00001	65.5 - 67.2	<0.0001
06-Dec-13		Normal	20.4	<0.002	236	275	<0.005	-	-	-	-	-	-	-	-	67.5	-
07-Dec-13		Normal	19.9 - 20.6	<0.002	235 - 236	276 - 278	<0.005	0.0017 - 0.002	<0.0001	0.00022 - 0.00025	0.0809 - 0.0815	<0.0005	<0.00005	<0.01	<0.00001	66.8 - 67.2	<0.0001
08-Dec-13		Normal	20 - 20.3	<0.002	238 - 244	274 - 281	<0.005	0.0024 - 0.0036	<0.0001	0.00023 - 0.00024	0.0816 - 0.0848	<0.0005	<0.00005	<0.01	<0.00001	67.6 - 69.9	<0.0001
09-Dec-13		Normal	19.5 - 19.6	<0.002	232 - 237	270 - 271	<0.005	0.0018 - 0.0023	<0.0001	0.00028	0.0895 - 0.0897	<0.0005	<0.00005	<0.01	<0.00001	64.7 - 66.1	<0.0001
10-Dec-13		Normal	19.4	<0.002	239 - 244	273 - 279	<0.005	0.0018 - 0.0039	<0.0001	0.00023 - 0.00024	0.079 - 0.0791	<0.0005	<0.00005	<0.01 - 0.011	<0.00001	68 - 69.4	<0.0001
		Field Duplicate	19.4	<0.002	241	272	<0.005	0.0019	<0.0001	0.00029	0.0793	<0.0005	<0.00005	<0.01	<0.00001	69.5	<0.0001
11-Dec-13		Normal	19.4 - 19.7	<0.002	229 - 231	266 - 270	<0.005	0.0023 - 0.0024	<0.0001	0.00033	0.0796 - 0.0812	<0.0005	<0.00005	<0.01	<0.00001	66.1 - 66.8	<0.0001
12-Dec-13		Normal	19.9	<0.002	229	268	<0.005	0.0024 - 0.0026	<0.0001	0.00026 - 0.00029	0.0822 - 0.0849	<0.0005	<0.00005	<0.01	<0.00001	64.8 - 65.5	<0.0001
13-Dec-13		Normal	19.7	<0.002	249	274	<0.005	0.002	<0.0001	0.00026	0.0732	<0.0005	<0.00005	<0.01	<0.00001	68.7	<0.0001
15-Dec-13		Normal	18.6	<0.002	226	268	<0.005	0.0033	<0.0001	0.00021	0.077	<0.0005	<0.00005	<0.01	0.000011	65.3	<0.0001

Obed Mountain Mine
Water Quality
December 2013

Dissolved Metals														
	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Lithium (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Phosphorus (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Silicon (Filtered)	Silver (Filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.0001	0.0001	0.01	0.00005	0.003	0.005	0.00005	0.00005	0.0001	0.3	0.05	0.0001	0.05	0.00001

Location	Date	Sample Type	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Lithium (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Phosphorus (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Silicon (Filtered)	Silver (Filtered)
	22-Dec-13	Normal	<0.0001	0.0002	<0.01	<0.00005	0.0037	19.6	0.00294	0.00114	0.00033	<0.3	1	0.00037	2.6	<0.00001
	23-Dec-13	Normal	<0.0001	0.00016	<0.01	<0.00005	0.0037	19.1	0.00315	0.00113	0.00028	<0.3	1.02	0.0004	2.6	<0.00001
ATR-PLC	01-Dec-13	Normal	<0.0001	0.00017 - 0.00025	<0.01 - 0.011	<0.00005	0.0038 - 0.004	14.9 - 15.1	0.0055 - 0.0056	0.000876 - 0.000896	0.00028 - 0.00029	<0.3	0.682 - 0.695	0.00029 - 0.0003	2.19 - 2.33	<0.00001
	02-Dec-13	Normal	<0.0001	0.00016 - 0.0003	<0.01	<0.00005	0.0038 - 0.004	15.1 - 15.9	0.00637 - 0.00659	0.000981 - 0.000993	0.00028 - 0.00029	<0.3	0.666 - 0.696	0.00039	1.99 - 2.01	<0.00001
	04-Dec-13	Normal	<0.0001	<0.0001 - 0.00021	0.011	<0.00005	0.0032 - 0.0034	15.1 - 15.2	0.00561 - 0.0066	0.00109 - 0.00112	0.00028 - 0.00029	<0.3	0.75 - 0.76	0.00034	2.15 - 2.21	<0.00001
	05-Dec-13	Normal	<0.0001	0.00019	<0.01	<0.00005	0.0038	16	0.00328	0.0014	0.00028	<0.3	0.8	0.00039	2.15	<0.00001
	06-Dec-13	Normal	-	-	-	-	-	16.5 - 16.6	-	-	-	-	0.86 - 0.87	-	-	-
	13-Dec-13	Normal	<0.0001	0.00022	0.011	<0.00005	0.0045	18.9	0.000871	0.000855	0.00034	<0.3	0.7	0.00031	3.14	<0.00001
ATR-US	01-Dec-13	Normal	<0.0001	0.00015	<0.01	<0.00005	0.0035	14.8	0.00597	0.000934	0.00027	<0.3	0.661	0.00033	1.86	<0.00001
	02-Dec-13	Normal	<0.0001	0.00017	<0.01	<0.00005	0.0036	15.4	0.00863	0.00093	0.00026	<0.3	0.686	0.00035	1.96	<0.00001
	04-Dec-13	Normal	<0.0001	0.00015	0.011	<0.00005	0.0038	15.7	0.0112	0.00125	0.0003	<0.3	0.79	0.00038	2.16	<0.00001
	05-Dec-13	Normal	<0.0001	0.00017	0.01	<0.00005	0.0037	16	0.00552	0.0015	0.00028	<0.3	0.83	0.00038	2.15	<0.00001
	06-Dec-13	Normal	-	-	-	-	-	20.5	-	-	-	-	1.15	-	-	-
	15-Dec-13	Normal	<0.0001	0.00018	<0.01	<0.00005	<0.003	15.7	0.00691	0.0011	0.0003	<0.3	0.717	0.00035	2.18	<0.00001
	16-Dec-13	Normal	<0.0001	0.00013	<0.01	<0.00005	0.003	16.6	0.00396	0.000954	0.00027	<0.3	0.74	0.00035	2.04	<0.00001
	17-Dec-13	Normal	<0.0001	0.00014	<0.01	<0.00005	<0.003	17.1	0.00616	0.00102	0.00023	<0.3	0.737	0.00039	2.11	<0.00001
	18-Dec-13	Normal	<0.0001	0.00018 - 0.00024	<0.01	<0.00005	<0.003 - 0.0036	16.3 - 19.2	0.00396 - 0.00739	0.00101 - 0.00109	0.00027 - 0.00029	<0.3	0.805 - 0.84	0.00036 - 0.00039	2.1 - 2.45	<0.00001
	20-Dec-13	Normal	<0.0001	0.00023	<0.01	<0.00005	0.0036	19.3	0.00254	0.00111	0.00027	<0.3	0.89	0.0004	2.52	<0.00001
	21-Dec-13	Normal	<0.0001	0.00027	<0.01	<0.00005	0.0036	19.6	0.0047	0.00112	0.00029	<0.3	1	0.0004	2.53	<0.00001
	22-Dec-13	Normal	<0.0001	0.00023	<0.01	<0.00005	0.0037	20.1	0.00394	0.00114	0.0003	<0.3	1.03	0.00039	2.5	<0.00001
	23-Dec-13	Normal	<0.0001	0.00069	<0.01	0.000064	0.0053	19.6	0.00542	0.00112	0.00027	<0.3	0.98	0.00041	2.43	<0.00001
	30-Dec-13	Normal	<0.0001	0.00013	<0.01	<0.00005	0.0038	16.8	0.00736	0.00113	0.00023	<0.3	0.89	0.00043	2.07	0.00022
PLC-DS	01-Dec-13	Normal	<0.0001	0.00018	0.017	<0.00005	0.006	15.4	0.0079	0.000728	0.00029	<0.3	0.83	0.00011	4.38	<0.00001
	02-Dec-13	Normal	<0.0001	0.00026	0.018	<0.00005	0.0063	15.8	0.00896	0.000755	0.00031	<0.3	0.821	0.00012	4.49	<0.00001
		Field Duplicate	<0.0001	0.0003	0.017	<0.00005	0.006	16	0.00877	0.000748	0.00032	<0.3	0.83	0.00013	4.48	<0.00001
	04-Dec-13	Normal	<0.0001	0.00028	<0.01	<0.00005	0.0065	15.3	0.00408	0.000823	0.0003	<0.3	0.83	0.00012	4.75	<0.00001
	05-Dec-13	Normal	<0.0001	0.00021	<0.01	<0.00005	0.0066 - 0.0068	15.6 - 15.7	0.00241 - 0.00251	0.000843 - 0.000846	0.00027	<0.3	0.83 - 0.84	0.00012	4.66 - 4.79	<0.00001
	06-Dec-13	Normal	-	-	-	-	-	16.3	-	-	-	-	0.83	-	-	-
	07-Dec-13	Normal	<0.0001	0.00033 - 0.00037	<0.01	<0.00005	0.0061 - 0.0062	16.6	0.00074 - 0.000793	0.000835 - 0.000842	0.00029 - 0.00032	<0.3	0.87 - 0.91	0.00011 - 0.00013	4.79 - 4.89	<0.00001
	08-Dec-13	Normal	<0.0001	0.00029 - 0.00033	0.013 - 0.014	<0.00005 - 0.00119	0.0069 - 0.0074	16.8 - 16.9	0.00807 - 0.00833	0.000825 - 0.000842	0.00029 - 0.00031	<0.3	0.87	0.00014	4.77 - 4.79	<0.00001
	09-Dec-13	Normal	<0.0001	0.00029 - 0.00034	<0.01	<0.00005	0.0071 - 0.0077	17.2 - 17.4	0.000995 - 0.00128	0.000802 - 0.000817	0.00026 - 0.00027	<0.3	0.847 - 0.874	0.00013	4.65 - 4.83	<0.00001
	10-Dec-13	Normal	<0.0001	0.00023 - 0.00025	0.015 - 0.019	<0.00005	0.0071 - 0.0077	16.7 - 17.1	0.00867 - 0.00885	0.000839 - 0.000844	0.00029 - 0.0003	<0.3	0.861 - 0.897	0.00014 - 0.00015	4.93 - 5.03	<0.00001
		Field Duplicate	<0.0001	0.00035	0.016	<0.00005	0.0072	16.3	0.00845	0.000838	0.00029	<0.3	0.862	0.00013	4.92	<0.00001
	11-Dec-13	Normal	<0.0001	<0.0001 - 0.00018	0.016	<0.00005	0.0063 - 0.0064	15.5 - 15.6	0.00783 - 0.008	0.000795 - 0.000811	0.00028 - 0.00029	<0.3	0.806 - 0.812	0.00012 - 0.00014	4.61 - 4.71	<0.00001
	12-Dec-13	Normal	<0.0001	0.00017 - 0.00019	<0.01	<0.00005	0.0062 - 0.0063	15.9 - 16.4	0.00397 - 0.00405	0.000746 - 0.000767	0.00028 - 0.00034	<0.3	0.868 - 0.878	<0.0001 - 0.00012	4.65 - 4.66	<0.00001
	13-Dec-13	Normal	<0.0001	0.00018	<0.01	<0.00005	0.0061	18.8	0.00131	0.000715	0.00028	<0.3	0.77	0.00013	4.72	<0.00001
	15-Dec-13	Normal	<0.0001	0.00033	0.016	0.000066	0.0052	15.2	0.00675	0.00076	0.00027	<0.3	0.812	0.00011	4.66	<0.00001

Obed Mountain Mine
Water Quality
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	Sodium (Filtered)	Strontium (Filtered)	Thallium (Filtered)	Tin (Filtered)	Titanium (Filtered)	Uranium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	Inorganic / Inorganic Carbon		Organic Parameters	Physical Tests				Benzofluoranthene
									Dissolved Organic Carbon (Filtered)	TOC	Naphthenic Acid	Colour	Total Dissolved Solids (Filtered)	Total Suspended Solids	Turbidity	
MDL	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Colour units	mg/L	mg/L	NTU	µg/L
	0.05	0.0001	0.00005	0.0001	0.0003	0.00001	0.0001	0.001	1	1	1	2	10	3	0.1	0.01

Location	Date	Sample Type	Sodium (Filtered)	Strontium (Filtered)	Thallium (Filtered)	Tin (Filtered)	Titanium (Filtered)	Uranium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	Dissolved Organic Carbon (Filtered)	TOC	Naphthenic Acid	Colour	Total Dissolved Solids (Filtered)	Total Suspended Solids	Turbidity	Benzofluoranthene
ATR-PLC	22-Dec-13	Normal	12.6	0.64	<0.00005	<0.0001	<0.0003	0.0007	0.00015	0.0045	3.2	2.9	<1	11.5	276	<3	2.37	<0.01
	23-Dec-13	Normal	12	0.655	<0.00005	0.00019	<0.0003	0.000696	0.00014	0.002	3	2.6	<1	10.6	278	<3	1.9	<0.01
	01-Dec-13	Normal	10.2 - 10.7	0.497 - 0.522	<0.00005	<0.0001	<0.0003	0.000711 - 0.000731	<0.0001 - 0.00011	0.0013 - 0.0023	2.6 - 2.8	2.5	<1	8.7 - 9.6	255 - 261	10 - 12	3.67 - 4.21	<0.01
	02-Dec-13	Normal	10.2 - 10.4	0.624 - 0.655	<0.00005	<0.0001	<0.0003	0.000621 - 0.000624	<0.0001 - 0.0001	<0.001 - 0.0025	2.5	2.3 - 2.4	<1	10.5 - 15.3	249	<3	2.48 - 2.65	<0.01
	04-Dec-13	Normal	13.8 - 14	0.582 - 0.595	<0.00005	<0.0001	<0.0003	0.000654 - 0.000664	0.00012 - 0.00013	0.0011	3.5	3.3 - 3.4	<1	12.5 - 13.3	277 - 279	<3	2.75 - 2.78	<0.01
	05-Dec-13	Normal	15.4	0.608	<0.00005	<0.0001	<0.0003	0.000673	0.00014	<0.001	3.5	3.5	<1	12.9	270	<3	2.58	<0.01
	06-Dec-13	Normal	15.8 - 16.3	-	-	-	-	-	-	-	3.3 - 3.9	3 - 3.7	<1	10.6 - 16.8	271 - 278	4 - 10	2.1 - 5.07	<0.01
ATR-US	13-Dec-13	Normal	13.6	0.525	<0.00005	<0.0001	<0.0003	0.000806	0.00013	0.0024	3.3	3	<1	7.4	258	4	2.47	<0.01
	01-Dec-13	Normal	9.37	0.54	<0.00005	<0.0001	<0.0003	0.000614	<0.0001	0.0018	2.4	2.4	<1	8.6	250	<3	4.2	<0.01
	02-Dec-13	Normal	10.8	0.625	<0.00005	<0.0001	<0.0003	0.000627	<0.0001	0.0019	2.8	2.6	<1	8.2	259	<3	2.95	<0.01
	04-Dec-13	Normal	14.2	0.631	<0.00005	<0.0001	<0.0003	0.000669	0.00013	0.0024	3.8	3.3	<1	13.5	290	<3	3.26	<0.01
	05-Dec-13	Normal	16.1	0.608	<0.00005	<0.0001	<0.0003	0.000667	0.00015	0.0014	3.8	3.9	<1	13.8	278	<3	2.4	<0.01
	06-Dec-13	Normal	17.8	-	-	-	-	-	-	-	4	3.8	<1	15.7	279	22	8.86	<0.01
	15-Dec-13	Normal	10	0.636	<0.00005	<0.0001	<0.0003	0.000707	0.0001	<0.001	2.9	2.5	<1	9	257	7	3.07	<0.01
	16-Dec-13	Normal	10	0.57	<0.00005	<0.0001	<0.0003	0.000648	0.00011	0.0013	2.8	2.6	<1	7.6	269	5	2.44	<0.01
	17-Dec-13	Normal	10.6	0.598	<0.00005	<0.0001	<0.0003	0.000617	0.00014	<0.001	2.9	2.6	<1	8.6	260	<3	2.85	<0.01
	18-Dec-13	Normal	9.3 - 9.53	0.643 - 0.654	<0.00005	<0.0001	<0.0003	0.000666 - 0.00069	0.00011 - 0.00012	<0.001 - 0.0074	2.6 - 2.8	2.3 - 2.5	<1	6.2 - 8.7	254 - 270	<3	2.62 - 3.37	<0.01
	20-Dec-13	Normal	11.4	0.636	<0.00005	<0.0001	<0.0003	0.000699	0.00014	<0.001	2.8	2.6	<1	6.6	272	<3	2.99	<0.01
	21-Dec-13	Normal	13	0.647	<0.00005	<0.0001	<0.0003	0.000698	0.00016	0.0012	3.1	2.9	<1	11.9	282	<3	1.89	<0.01
	22-Dec-13	Normal	12.2	0.675	<0.00005	0.00022	<0.0003	0.000703	0.00018	0.0013	2.9	2.5	<1	10.4	266	10	4.13	<0.01
	23-Dec-13	Normal	11.5	0.626	<0.00005	<0.0001	<0.0003	0.000742	0.00015	0.0014	2.9	2.5	<1	9.4	276	-	2.68	<0.01
	30-Dec-13	Normal	11.9	0.655	<0.00005	<0.0001	<0.0003	0.000691	<0.0001	<0.001	2.881	2.639	<1	7.5	282	<3	2.07	<0.01
PLC-DS	01-Dec-13	Normal	14.9	0.339	<0.00005	<0.0001	<0.0003	0.00115	0.00013	0.0016	3.6	3.4	<1	9.6	282	18	6.6	<0.01
	02-Dec-13	Normal	15.4	0.376	<0.00005	<0.0001	<0.0003	0.0011	0.00013	0.0014	3.6	3.6	<1	13.3	272	22	7.21	<0.01
		Field Duplicate	15.4	0.375	<0.00005	<0.0001	<0.0003	0.0011	0.00013	0.0013	3.3	3.4	<1	13.9	284	17	6.76	<0.01
	04-Dec-13	Normal	16.3	0.371	<0.00005	<0.0001	<0.0003	0.00119	0.00017	<0.001	3.5	3.3	<1	7.8	295	14	6.77	<0.01
	05-Dec-13	Normal	17.7	0.355 - 0.359	<0.00005	<0.0001	<0.0003	0.00115 - 0.00116	0.00011 - 0.00013	<0.001	3.3	3.3 - 3.5	<1	7.5 - 8.2	280 - 283	17 - 18	7.85 - 8.21	<0.01
	06-Dec-13	Normal	16.6	-	-	-	-	-	-	-	3.1	3	<1	8.4	252	19	5.65	<0.01
	07-Dec-13	Normal	16.9 - 17	0.381 - 0.387	<0.00005	<0.0001	<0.0003	0.00133 - 0.00134	0.00016 - 0.00017	<0.001	3.5 - 3.6	3.9	<1	5.7 - 8.9	283 - 293	20 - 21	7.22 - 8.25	<0.01
	08-Dec-13	Normal	16.2 - 16.5	0.406 - 0.42	<0.00005	<0.0001	<0.0003	0.00122 - 0.00123	0.00013 - 0.00016	<0.001	3 - 3.1	3.3	<1	8.3 - 8.7	309 - 312	27 - 30	10.5 - 11.1	<0.01
	09-Dec-13	Normal	17 - 17.2	0.39 - 0.394	<0.00005	<0.0001	<0.0003	0.00121 - 0.00127	0.00014 - 0.00016	<0.001	3.4	3.3 - 3.6	<1	6.5 - 6.9	292 - 294	26 - 29	9.78 - 10.2	<0.01
	10-Dec-13	Normal	16.1 - 16.7	0.376 - 0.383	<0.00005	<0.0001	<0.0003	0.00124 - 0.00125	0.00014 - 0.00015	<0.001	2.8 - 2.9	3	<1	6.8 - 8.3	284 - 294	22 - 28	7.58 - 7.75	<0.01
		Field Duplicate	15.9	0.387	<0.00005	<0.0001	<0.0003	0.00126	0.00014	<0.001	2.8	2.9	<1	7.2	298	27	8.18	<0.01
	11-Dec-13	Normal	15.7 - 16	0.375 - 0.387	<0.00005	<0.0001	<0.0003	0.00113 - 0.00118	0.00014 - 0.00015	<0.001	3.1	2.8 - 2.9	<1	6.4 - 8	284 - 294	21 - 26	6.8 - 7.9	<0.01
	12-Dec-13	Normal	15.5 - 15.7	0.378 - 0.379	<0.00005	<0.0001	<0.0003	0.0012 - 0.00127	0.00014 - 0.00016	<0.001	3.2	2.8 - 2.9	<1	9.4	283 - 296	20 - 32	7.58 - 9.38	<0.01
	13-Dec-13	Normal	16.2	0.369	<0.00005	<0.0001	<0.0003	0.00111	0.00014	<0.001	3.5	3.5	<1	4.1	288	18	1.91	<0.01
	15-Dec-13	Normal	15.5	0.363	<0.00005	<0.0001	<0.0003	0.00123	0.00018	<0.001	3.6	3.4	<1	7.8	275	17	6.6	<0.01

Obed Mountain Mine
Water Quality
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	Indeno(1,2,3-c,d)pyrene	Naphthalene	Perylene	Phenanthrene	Pyrene	Quinoline	Retene	C2 Benzofluoranthenes/Benzopyrenes	C2 Biphenyls	C2 Dibenzothiophenes	C2 Fluoranthenes/Pyrenes	C2 Naphthalenes	C2 Phenanthrenes/Anthracenes	C2 Fluorenes	C2 subd B(a)Anthracenes/Chrysenes	C3 Benzanthracenes/Chrysenes	C3 Dibenzothiophenes	C3 Fluoranthenes/Pyrenes	C3 Fluorenes	C3 Naphthalenes	C3 Phenanthrenes/Anthracenes	Aluminium	Antimony	Arsenic	Barium
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/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	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L
MDL	0.01	0.05	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.003	0.0001	0.0001	0.00005

Location	Date	Sample Type	Indeno(1,2,3-c,d)pyrene	Naphthalene	Perylene	Phenanthrene	Pyrene	Quinoline	Retene	C2 Benzofluoranthenes/Benzopyrenes	C2 Biphenyls	C2 Dibenzothiophenes	C2 Fluoranthenes/Pyrenes	C2 Naphthalenes	C2 Phenanthrenes/Anthracenes	C2 Fluorenes	C2 subd B(a)Anthracenes/Chrysenes	C3 Benzanthracenes/Chrysenes	C3 Dibenzothiophenes	C3 Fluoranthenes/Pyrenes	C3 Fluorenes	C3 Naphthalenes	C3 Phenanthrenes/Anthracenes	Aluminium	Antimony	Arsenic	Barium	
	22-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0446	<0.0001	0.00014	0.0724	
	23-Dec-13	Normal	<0.01	<0.05	<0.01	0.011	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0477	<0.0001	0.00014	0.0657	
ATR-PLC	01-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.029 - 0.034	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0876 - 0.12	<0.0001	0.00017 - 0.00018	0.0659 - 0.0665	
	02-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0659 - 0.082	<0.0001	0.00014 - 0.00015	0.0579 - 0.0598	
	04-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0729 - 0.0843	<0.0001	0.00014 - 0.00017	0.0592 - 0.06	
	05-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0602	<0.0001	0.00016	0.0643
	06-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 - 0.014	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.076 - 0.203	<0.0001	0.00015 - 0.00037	0.0667 - 0.0955
	13-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	0.011	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0725	<0.0001	0.00032	0.0753
ATR-US	01-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.11	<0.0001	0.00014	0.0578	
	02-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0929	<0.0001	0.00015	0.059	
	04-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0807	<0.0001	0.00016	0.0587	
	05-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0608	<0.0001	0.00014	0.0652
	06-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	0.047	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.319	<0.0001	0.00033	0.0757
	15-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0674	<0.0001	0.00015	0.0617
	16-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0587	<0.0001	0.00014	0.0575
	17-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0639	<0.0001	0.00014	0.0617
	18-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0636 - 0.0897	<0.0001	0.00014	0.0579 - 0.0595
	20-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0673	<0.0001	0.00013	0.0584
	21-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.053	<0.0001	0.00012	0.0584
	22-Dec-13	Normal	<0.01	<0.05	<0.01	0.018	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0571	<0.0001	0.00013	0.0676
	23-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0833	<0.0001	0.00015	0.0615
	30-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0676	<0.0001	0.00011	0.0607
	PLC-DS	01-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.088	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.202	<0.0001	0.0004	0.0988
02-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.07	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.269	<0.0001	0.00042	0.102
		Field Duplicate	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.059	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.253	<0.0001	0.00042	0.0957
04-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.262	<0.0001	0.00045	0.0966	
05-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.022 - 0.025	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.222 - 0.228	<0.0001	0.00042 - 0.00044	0.0983 - 0.0992	
06-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.029	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.31	<0.0001	0.00046	0.115	
07-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.036 - 0.046	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.326 - 0.339	<0.0001	0.0004 - 0.00041	0.0951 - 0.0998	
08-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.065 - 0.077	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.279 - 0.317	<0.0001 - 0.00012	0.00047 - 0.00048	0.107 - 0.112	
09-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.032 - 0.035	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.38 - 0.41	<0.0001	0.00047 - 0.0005	0.11 - 0.119	
10-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.057 - 0.063	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.288 - 0.362	<0.0001 - 0.00013	0.00044 - 0.00047	0.102 - 0.11
		Field Duplicate	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.074	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.373	<0.0001	0.00043	0.11
11-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.044 - 0.061	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.21 - 0.22	<0.0001	0.0005	0.0996 - 0.104	
12-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.048 - 0.062	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.165 - 0.256	<0.0001	0.0006 - 0.00074	0.0908 - 0.107	
13-Dec-13		Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	0.035	<																		

Obed Mountain Mine
Water Quality
December 2013

	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Total Met
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.0005	0.00005	0.01	0.00001	0.02	0.0001	0.0001	0.0001	0.01	0.00005	0.005	0.005	0.00005	

Location Date Sample Type

	22-Dec-13	Normal	<0.0005	<0.00005	0.011	0.000012	55.5	0.00013	<0.0001	0.00031	0.062	0.000056	<0.005	18.7	0.00816
	23-Dec-13	Normal	<0.0005	0.000056	0.01	<0.00001	53.4	0.00021	<0.0001	0.00046	0.078	0.000099	<0.005	18.2	0.00802
ATR-PLC	01-Dec-13	Normal	<0.0005	<0.00005	<0.01 - 0.011	<0.00001 - 0.000041	52.1 - 52.4	0.0002 - 0.00021	<0.0001 - 0.0001	0.00064 - 0.00081	0.139 - 0.182	0.000193 - 0.000414	<0.005	13.7 - 14.2	0.01 - 0.011
	02-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	48.8 - 49.1	0.00017	<0.0001	0.00055 - 0.00061	0.079 - 0.09	0.000087 - 0.000096	<0.005	14.7 - 14.9	0.00901 - 0.00912
	04-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	51.7 - 53.4	0.00018 - 0.00021	<0.0001	0.00032 - 0.00036	0.087 - 0.11	0.000064 - 0.000083	<0.005	15.4 - 15.9	0.0134 - 0.0142
	05-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	52.6	0.00017	<0.0001	0.00042	0.082	0.000077	<0.005	16.6	0.0155
	06-Dec-13	Normal	<0.0005	<0.00005	<0.01 - 0.01	<0.00001 - 0.000012	54.7 - 60.7	0.0002 - 0.00041	<0.0001 - 0.00013	0.00048 - 0.00075	0.092 - 0.342	0.000089 - 0.000359	<0.005 - 0.0056	16.5 - 17.7	0.0181 - 0.0187
	13-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	58.9	0.00015	<0.0001	0.00094	0.143	0.000136	<0.005	16	0.0115
ATR-US	01-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	48.9	0.00016	<0.0001	0.00166	0.132	0.000117	<0.005	13.7	0.011
	02-Dec-13	Normal	<0.0005	<0.00005	0.013	<0.00001	51.8	0.0002	<0.0001	0.00081	0.096	0.000087	<0.005	15.2	0.0119
	04-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	55.6	0.00018	<0.0001	0.00031	0.088	0.000079	<0.005	15.9	0.0171
	05-Dec-13	Normal	<0.0005	<0.00005	0.011	<0.00001	54.8	0.00015	<0.0001	0.00033	0.078	0.00008	<0.005	16.4	0.0203
	06-Dec-13	Normal	<0.0005	<0.00005	0.011	0.000024	60.2	0.00066	0.00029	0.001	0.628	0.000387	<0.005	17.7	0.0372
	15-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	55.5	0.00017	<0.0001	0.00041	0.121	0.000096	<0.005	15.9	0.0131
	16-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	52.5	0.00016	<0.0001	0.00044	0.089	0.000097	<0.005	17.1	0.0125
	17-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	54.4	0.00017	<0.0001	0.00028	0.094	0.00009	<0.005	17.6	0.0141
	18-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	56.7 - 57.1	0.00015 - 0.0002	<0.0001	0.00048 - 0.00051	0.077 - 0.183	0.000071 - 0.000126	<0.005	18.3 - 19.3	0.0128 - 0.0168
	20-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	60.8	0.00019	<0.0001	0.00039	0.107	0.000084	<0.005	19.3	0.0146
	21-Dec-13	Normal	<0.0005	<0.00005	0.01	<0.00001	57.6	0.00016	<0.0001	0.00052	0.078	0.000068	<0.005	19.4	0.0147
	22-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	55	0.00026	<0.0001	0.0004	0.101	0.000079	<0.005	18.8	0.0135
	23-Dec-13	Normal	<0.0005	<0.00005	0.011	<0.00001	55.5	0.00022	<0.0001	0.0006	0.179	0.000121	<0.005	18.3	0.0149
	30-Dec-13	Normal	<0.0005	<0.00005	0.011	<0.00001	56.4	0.00015	<0.0001	0.00138	0.092	0.000148	<0.005	18.1	0.0119
PLC-DS	01-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000011	63.8	0.00026	0.00014	0.00138	0.408	0.000523	0.0056	14.3	0.0185
	02-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.00001	62.1	0.00036	0.00017	0.00083	0.457	0.000434	0.006	13.7	0.0188
		Field Duplicate	<0.0005	<0.00005	<0.01	0.000012	60.1	0.00034	0.00014	0.00116	0.418	0.000417	0.0057	14.3	0.0186
	04-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000011	66.7	0.00028	0.00015	0.0006	0.426	0.000379	0.007	15.6	0.0177
	05-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000011 - 0.000012	64.3 - 65.6	0.00025 - 0.00038	0.00015 - 0.00017	0.00064 - 0.00071	0.433 - 0.465	0.000379 - 0.000421	0.0055 - 0.0056	16	0.0175 - 0.0177
	06-Dec-13	Normal	<0.0005	<0.00005	0.01	0.000012	64.2	0.00041	0.00018	0.00083	0.491	0.000477	0.0069	16	0.0209
	07-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001 - 0.000011	61.2 - 62.7	0.00031 - 0.00032	0.00015	0.00067 - 0.00069	0.425 - 0.465	0.000433 - 0.000516	0.0062	16.6 - 17.2	0.0178 - 0.0198
	08-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000012 - 0.000016	70.8	0.00037 - 0.00046	0.00018 - 0.00019	0.00087 - 0.001	0.485 - 0.536	0.000532 - 0.000564	0.0074 - 0.0075	16.4 - 16.6	0.021 - 0.0214
	09-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000013 - 0.000014	69.4 - 72.6	0.0004 - 0.00042	0.0002 - 0.00021	0.00077 - 0.00096	0.529 - 0.548	0.000601 - 0.000606	0.0072 - 0.0073	16.6 - 16.9	0.0212 - 0.0213
	10-Dec-13	Normal	<0.0005	<0.00005	<0.01 - 0.01	0.000013 - 0.000037	65.2 - 65.7	0.00034 - 0.00051	0.00018 - 0.0002	0.00079 - 0.00159	0.459 - 0.467	0.000495 - 0.000732	0.0061 - 0.0063	15.1 - 15.2	0.0192 - 0.0203
		Field Duplicate	<0.0005	<0.00005	<0.01	0.000011	67.7	0.00036	0.00017	0.00077	0.463	0.000527	0.0062	16.4	0.0203
	11-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001 - 0.000012	62.7 - 63.2	0.00026 - 0.00027	0.00015 - 0.00018	0.00049 - 0.00052	0.425 - 0.444	0.000419 - 0.000462	0.0058 - 0.0059	16.5	0.0188 - 0.0196
	12-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.00001 - 0.000012	65.1 - 66.1	0.00021 - 0.00031	0.00013 - 0.00021	0.00069 - 0.00091	0.356 - 0.509	0.00041 - 0.000551	<0.005 - 0.0063	15.3 - 15.5	0.0165 - 0.0228
	13-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000012	66.9	0.0003	0.00015	0.00094	0.426	0.000413	0.0064	15.8	0.0179
	15-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	64.7	0.00028	0.00015	0.0007	0.455	0.000499	0.0057	15.7	0.0179

Obed Mountain Mine
Water Quality
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als													
	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	5.0E-7	0.00005	0.0001	0.3	0.05	0.0001	0.05	0.00001	0.05	0.0001	0.00005	0.0001	0.0003

Location	Date	Sample Type	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
	22-Dec-13	Normal	<5.0E-7	0.0011	0.00035	<0.3	0.957	0.00041	2.34	<0.00001	13.1	0.601	<0.00005	<0.0001	0.00103
	23-Dec-13	Normal	<7.0E-7	0.00105	0.00034	<0.3	0.962	0.00034	2.29	<0.00001	12.6	0.615	<0.00005	0.0002	0.00073
ATR-PLC	01-Dec-13	Normal	8.5E-7 - 8.7E-7	0.00105 - 0.00107	0.00048 - 0.00064	<0.3	0.684 - 0.692	0.00031 - 0.00032	2.27 - 2.41	<0.00001	10.5 - 10.6	0.55 - 0.558	<0.00005	<0.0001 - 0.00022	0.00249 - 0.00393
	02-Dec-13	Normal	<5.0E-7	0.00103 - 0.00109	0.00034 - 0.00037	<0.3	0.688 - 0.701	0.00032 - 0.00036	1.98 - 2.04	<0.00001	9.61 - 9.98	0.571 - 0.583	<0.00005	<0.0001	0.00069 - 0.00087
	04-Dec-13	Normal	<5.0E-7 - 5.8E-7	0.00113 - 0.00117	0.00036 - 0.0004	<0.3	0.805 - 0.808	0.00033 - 0.00036	2.16 - 2.34	<0.00001	14.8 - 15.2	0.593 - 0.627	<0.00005	<0.0001	0.00104 - 0.00114
	05-Dec-13	Normal	<5.0E-7	0.00139	0.00038	<0.3	0.898	0.0004	2.27	<0.00001	15.4	0.619	<0.00005	<0.0001	0.00174
	06-Dec-13	Normal	<5.0E-7 - 0.00000198	0.00108 - 0.00151	0.00047 - 0.00067	<0.3	0.946 - 0.973	0.00019 - 0.00038	2.32 - 4.27	<0.00001	15.6 - 16.5	0.432 - 0.624	<0.00005	<0.0001 - 0.00022	0.00095 - 0.00705
	13-Dec-13	Normal	-	0.00108	0.00038	<0.3	0.768	0.00024	3.14	<0.00001	14.1	0.523	<0.00005	<0.0001	0.00167
ATR-US	01-Dec-13	Normal	<5.0E-7	0.0011	0.00045	<0.3	0.679	0.00035	2.07	<0.00001	9.85	0.579	<0.00005	0.00449	0.00113
	02-Dec-13	Normal	<5.0E-7	0.0012	0.00037	<0.3	0.735	0.00036	2.13	<0.00001	10.6	0.596	<0.00005	<0.0001	0.00203
	04-Dec-13	Normal	<5.0E-7	0.00137	0.00038	<0.3	0.814	0.00039	2.11	<0.00001	15.2	0.653	<0.00005	<0.0001	0.00262
	05-Dec-13	Normal	<5.0E-7	0.00158	0.00039	<0.3	0.911	0.00037	2.27	<0.00001	16	0.646	<0.00005	<0.0001	0.00042
	06-Dec-13	Normal	0.00000167	0.00155	0.001	<0.3	1.05	0.00038	2.88	<0.00001	15.8	0.578	<0.00005	0.00035	0.00522
	15-Dec-13	Normal	<5.0E-7	0.00118	0.00034	<0.3	0.715	0.00039	2.1	<0.00001	10	0.647	<0.00005	0.0005	0.00153
	16-Dec-13	Normal	<5.0E-7	0.00107	0.00038	<0.3	0.77	0.00036	2.1	<0.00001	10.5	0.601	<0.00005	<0.0001	0.00181
	17-Dec-13	Normal	<5.0E-7	0.00108	0.00035	<0.3	0.821	0.00035	2.27	<0.00001	10.9	0.608	<0.00005	<0.0001	0.00109
	18-Dec-13	Normal	<5.0E-7	0.00112 - 0.00114	0.00039 - 0.00042	<0.3	0.804 - 0.825	0.00038 - 0.00041	2.3 - 2.38	<0.00001	9.68 - 11.3	0.651 - 0.655	<0.00005	<0.0001	0.00093 - 0.00144
	20-Dec-13	Normal	<5.0E-7	0.00109	0.00036	<0.3	0.854	0.00045	2.41	<0.00001	11.9	0.659	<0.00005	<0.0001	0.00109
	21-Dec-13	Normal	<5.0E-7	0.00112	0.00037	<0.3	0.942	0.00039	2.32	<0.00001	13.1	0.661	<0.00005	0.00022	0.00051
	22-Dec-13	Normal	<5.0E-7	0.00109	0.00035	<0.3	0.997	0.00038	2.28	<0.00001	12.6	0.647	<0.00005	<0.0001	0.00057
	23-Dec-13	Normal	<6.3E-7	0.00105	0.00041	<0.3	0.924	0.00037	2.17	<0.00001	11.8	0.643	<0.00005	0.00014	0.00074
	30-Dec-13	Normal	<5.0E-7	0.00124	0.00031	<0.3	0.867	0.00043	2.26	<0.00001	11.8	0.684	<0.00005	<0.0001	0.00096
PLC-DS	01-Dec-13	Normal	0.00000292	0.000842	0.00071	<0.3	0.858	0.00012	4.52	<0.00001	15.3	0.362	<0.00005	<0.0001	0.00599
	02-Dec-13	Normal	0.00000221	0.000766	0.00072	<0.3	0.82	0.00011	4.59	<0.00001	13.5	0.344	<0.00005	<0.0001	0.00813
		Field Duplicate	0.00000167	0.000764	0.00076	<0.3	0.832	0.00013	4.64	<0.00001	14	0.339	<0.00005	<0.0001	0.00733
	04-Dec-13	Normal	0.00000178	0.00084	0.00091	<0.3	0.921	0.00012	4.86	<0.00001	17.8	0.396	<0.00005	<0.0001	0.00769
	05-Dec-13	Normal	0.0000018 - 0.00000211	0.000814 - 0.000833	0.00061 - 0.00076	<0.3	0.906 - 0.931	0.00012 - 0.00013	4.71 - 4.93	<0.00001	16.7 - 16.9	0.364 - 0.374	<0.00005	<0.0001	0.00683 - 0.00724
	06-Dec-13	Normal	0.00000187	0.000846	0.00077	<0.3	0.946	0.00011	5.29	<0.00001	15.6	0.359	<0.00005	0.00017	0.00922
	07-Dec-13	Normal	0.00000217 - 0.00000352	0.000813 - 0.000846	0.00058 - 0.00064	<0.3	0.923 - 0.999	0.00014	4.92 - 5.07	<0.00001	16.7	0.371 - 0.379	<0.00005	<0.0001	0.00993 - 0.0113
	08-Dec-13	Normal	0.00000194 - 0.00000227	0.000852 - 0.000919	0.00076 - 0.00078	<0.3	0.91 - 0.916	0.00013 - 0.00014	5.36 - 5.43	<0.00001	16.2 - 16.3	0.408 - 0.409	<0.00005	<0.0001	0.00783 - 0.00873
	09-Dec-13	Normal	0.00000227 - 0.00000311	0.000872 - 0.000893	0.00075 - 0.00078	<0.3	0.924 - 0.979	0.00012 - 0.00013	5.55 - 5.7	<0.00001	16.3 - 16.4	0.404 - 0.414	<0.00005	<0.0001	0.00926 - 0.0111
	10-Dec-13	Normal	-	0.00083 - 0.00117	0.00066 - 0.00108	<0.3	0.843 - 0.885	0.00013 - 0.00014	4.84 - 6	<0.00001 - 0.00001	15.6 - 15.7	0.375 - 0.388	<0.00005	<0.0001 - 0.00056	0.00658 - 0.00904
		Field Duplicate	-	0.000841	0.00067	<0.3	0.905	0.00014	5.34	<0.00001	16.1	0.398	<0.00005	<0.0001	0.0103
	11-Dec-13	Normal	0.00000226 - 0.00000245	0.00075 - 0.000773	0.00062 - 0.00064	<0.3	0.875 - 0.882	0.00012	4.84 - 4.96	<0.00001	16.4 - 16.5	0.352 - 0.362	<0.00005	<0.0001	0.0072 - 0.00763
	12-Dec-13	Normal	0.00000207 - 0.0000027	0.000781 - 0.000801	0.00051 - 0.00076	<0.3	0.814 - 0.862	0.00011	4.69 - 4.78	<0.00001	14.4 - 16.5	0.352 - 0.371	<0.00005	<0.0001	0.00567 - 0.00808
	13-Dec-13	Normal	0.0000019	0.000833	0.00058	<0.3	0.859	0.00011	4.63	<0.00001	17.3	0.372	<0.00005	<0.0001	0.00696
	15-Dec-13	Normal	0.00000215	0.000791	0.00057	<0.3	0.841	0.00011	4.78	<0.00001	14.7	0.367	<0.00005	<0.0001	0.0078

Obed Mountain Mine
Water Quality
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	Aggregate Organics			Anions and Nutrients														
	Hydrocarbons, Recoverable (I.R.)	BOD	Phenols (4AAP)	Alkalinity (T) as CaCO3	Ammonia	Bicarbonate	Carbonate	Chloride	Electrical Conductivity (lab)	Hydroxide	Ionic Balance	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate + Nitrite-N	Nitrite (as N)	pH (Lab)	Phosphorus	Phosphorus (Filtered)
	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mS/cm	mg/L	%	mg/L	mg/L	mg/L	mg/L	pH	mg/L	mg/L
MDL	1	2	1	2	0.05	5	5	0.5	0.0002	5		0.2	0.05	0.07	0.05	0.1	0.001	0.001

Location	Date	Sample Type	Hydrocarbons, Recoverable (I.R.)	BOD	Phenols (4AAP)	Alkalinity (T) as CaCO3	Ammonia	Bicarbonate	Carbonate	Chloride	Electrical Conductivity (lab)	Hydroxide	Ionic Balance	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate + Nitrite-N	Nitrite (as N)	pH (Lab)	Phosphorus	Phosphorus (Filtered)
	16-Dec-13	Normal	<1	<2	<1	250	<0.05	305	<5	<0.5	0.469	<5	96.7	<0.2	0.112	0.112	<0.05	8.23	0.0113	0.0016
	17-Dec-13	Normal	<1	<2	<1	260	<0.05	317	<5	<0.5	0.468	<5	93.1	<0.2	0.082	0.082	<0.05	8.26	0.0113	0.0037
	18-Dec-13	Normal	<1	<2	<1	254 - 256	<0.05	310 - 313	<5	<0.5	0.471 - 0.472	<5	94.3 - 104	<0.2	0.084 - 0.102	0.084 - 0.102	<0.05	8.25 - 8.28	0.0102 - 0.0119	0.0017 - 0.0025
	20-Dec-13	Normal	<1	2.1	<1	252	<0.05	302	<5	<0.5	0.482	<5	106	<0.2	0.074	0.074	<0.05	8.31	0.0111	0.0022
	21-Dec-13	Normal	<1	<2	<1	250	<0.05	305	<5	0.62	0.476	<5	106	<0.2	0.082	0.082	<0.05	8.22	0.0109	0.0019
	22-Dec-13	Normal	<1	<2	<1	254	<0.05	300	<5	<0.5	0.471	<5	104	<0.2	0.1	0.1	<0.05	8.36	0.009	0.0019
		Field Duplicate	<1	<2	<1	250	<0.05	295	<5	<0.5	0.47	<5	108	<0.2	<0.05	<0.071	<0.05	8.37	0.0094	0.0022
	23-Dec-13	Normal	<1	<2	<1	246	<0.05	300	<5	<0.5	0.481	<5	107	<0.2	0.08	0.08	<0.05	8.19	0.0103	0.0023
	30-Dec-13	Normal	<1	<2	<1	242	<0.05	295	<5	<0.5	0.475	<5	101	<0.2	0.072	0.072	<0.05	8.12	0.0109	0.0023
PLC-DS2	01-Dec-13	Normal	<1	<2	<1 - 1.3	257 - 260	<0.05	314 - 318	<5	<0.5	0.482 - 0.485	<5	87.7 - 92	<0.2	0.076 - 0.078	0.076 - 0.078	<0.05	8.13 - 8.14	0.0154 - 0.0156	0.0021 - 0.0023
	02-Dec-13	Normal	<1	<2	<1	252	<0.05	307	<5	<0.5	0.471	<5	95	<0.2	0.067	<0.071	<0.05	8.13	0.0151	0.0028
	04-Dec-13	Normal	<1	<2	<1	248 - 251	<0.05	303 - 306	<5	<0.5	0.486	<5	98.9 - 99.4	<0.2	0.071 - 0.099	<0.071 - 0.099	<0.05	8.11	0.0133 - 0.0136	0.0018 - 0.0027
	05-Dec-13	Normal	<1	<2	<1	259 - 273	<0.05	316 - 333	<5	<0.5	0.491 - 0.493	<5	90.9 - 97.9	<0.2	0.083 - 0.084	0.083 - 0.084	<0.05	8.11 - 8.12	0.0121 - 0.0132	<0.001 - 0.0016
	06-Dec-13	Normal	<1	<2	<1	254	<0.05	310	<5	<0.5 - 0.51	0.492 - 0.493	<5	98.7 - 100	<0.2	0.071 - 0.072	0.071 - 0.072	<0.05	8.2 - 8.21	0.0127 - 0.0128	0.002 - 0.0022
	07-Dec-13	Normal	<1	<2	<1	258 - 259	<0.05	315 - 316	<5	<0.5	0.498 - 0.499	<5	98 - 98.9	<0.2	0.08	0.08	<0.05	8.19 - 8.2	0.0147	0.0014 - 0.0028
	08-Dec-13	Normal	<1	<2	<1 - 1.3	256 - 279	<0.05	312 - 341	<5	<0.5	0.485 - 0.495	<5	92.4 - 99	<0.2	0.079 - 0.08	0.079 - 0.08	<0.05	8.07 - 8.09	0.0155 - 0.0161	0.0013 - 0.0027
	09-Dec-13	Normal	<1	<2	<1	255 - 266	<0.05	312 - 325	<5	<0.5	0.433 - 0.488	<5	95.5 - 98.1	<0.2	0.077 - 0.08	0.077 - 0.08	<0.05	8.21 - 8.22	0.0171 - 0.0178	0.0016 - 0.0026
	10-Dec-13	Normal	<1	<2	<1 - 1.1	248 - 251	<0.05	303 - 306	<5	<0.5	0.461 - 0.485	<5	101 - 102	<0.2	0.073 - 0.076	0.073 - 0.076	<0.05	8.15	0.0062 - 0.0148	0.0019 - 0.0021
	11-Dec-13	Normal	<1	<2	<1	245 - 255	<0.05	299 - 311	<5	<0.5	0.482 - 0.487	<5	97.3 - 103	<0.2	0.072 - 0.073	0.072 - 0.073	<0.05	8.12 - 8.14	0.0152 - 0.0161	0.0029
	12-Dec-13	Normal	<1	<2	<1	247 - 250	<0.05	301 - 305	<5	<0.5	0.461 - 0.47	<5	97.4 - 98.5	<0.2	0.085 - 0.101	0.085 - 0.101	<0.05	8.29	0.0144 - 0.0151	0.0023 - 0.0024
	13-Dec-13	Normal	<1	<2	<1	252	<0.05	307	<5	<0.5	0.469	<5	101	<0.2	0.075	0.075	<0.05	8.25	0.0139	0.0026
	15-Dec-13	Normal	<1	<2	<1	253	<0.05	305	<5	0.58	0.466	<5	97.4	<0.2	0.092	0.092	<0.05	8.32	0.0119	0.0013
	16-Dec-13	Normal	<1	<2	1.1	251	<0.05	306	<5	<0.5	0.478	<5	94.8	<0.2	0.084	0.084	<0.05	8.23	0.0117	0.0017
		Field Duplicate	<1	<2	<1	258	<0.05	315	<5	<0.5	0.482	<5	92.3	<0.2	0.086	0.086	<0.05	8.24	0.0103	<0.001
	17-Dec-13	Normal	<1	<2	<1	258	<0.05	314	<5	<0.5	0.47	<5	96.8	<0.2	0.079	0.079	<0.05	8.26	0.0111	0.0018
	18-Dec-13	Normal	<1	<2	<1	247 - 254	<0.05	301 - 310	<5	<0.5	0.465 - 0.47	<5	95.2 - 106	<0.2 - 0.28	0.073 - 0.091	0.073 - 0.091	<0.05	8.26 - 8.3	0.01 - 0.0108	0.0016 - 0.0023
	20-Dec-13	Normal	<1	2	<1	252	<0.05	301	<5	<0.5	0.484	<5	106	<0.2	0.077	0.077	<0.05	8.32	0.0117	0.0024
		Field Duplicate	<1	2.6	<1	247	<0.05	302	<5	<0.5	0.481	<5	108	<0.2	0.061	<0.071	<0.05	8.21	0.012	0.0021
	21-Dec-13	Normal	<1	<2	<1	250	<0.05	305	<5	0.71	0.471	<5	104	<0.2	0.081	0.081	<0.05	8.23	0.0107	0.0021
	22-Dec-13	Normal	<1	<2	<1	249	<0.05	293	5.2	<0.5	0.458	<5	108	<0.2	0.084	0.084	<0.05	8.38	0.0106	0.003
	23-Dec-13	Normal	<1	2.6	<1	247	<0.05	301	<5	0.51	0.484	<5	108	<0.2	0.074	0.074	<0.05	8.21	0.0104	0.0033
	30-Dec-13	Normal	<1	<2	<1	243	<0.05	297	<5	<0.5	0.472	<5	101	<0.2	0.072	0.072	<0.05	8.14	0.0097	0.0031
PLC-US	01-Dec-13	Normal	<1	<2	<1	234 - 238	<0.05	286 - 290	<5	<0.5	0.416 - 0.419	<5	88.3 - 91.3	<0.2	0.076 - 0.123	0.076 - 0.123	<0.05	8.09 - 8.1	0.0055 - 0.0058	0.0036 - 0.0044
	02-Dec-13	Normal	<1	<2	<1	235	<0.05	287	<5	<0.5	0.411	<5	93.3	<0.2	0.078	0.078	<0.05	8.09	0.0042	<0.001
	04-Dec-13	Normal	<1	<2	<1	226	<0.05	276	<5	<0.5	0.405	<5	98	<0.2	0.073	0.073	<0.05	8	0.006	0.0025
	05-Dec-13	Normal	<1	<2	<1	229 - 230	<0.05	280	<5	<0.5	0.421 - 0.425	<5	97.7 - 99.7	<0.2	0.083 - 0.086	0.083 - 0.086	<0.05	7.99 - 8	0.0055 - 0.0057	0.0028
	06-Dec-13	Normal	<1	<2	<1	232	<0.05	283	<5	<0.5	0.421	<5	100	<0.2	0.077	0.077	<0.05	8.07	0.0068	0.003

Obed Mountain Mine
Water Quality
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	Cyanides														
	Sulphate	Sulphide	Hardness as CaCO3	Total Dissolved Solids	Cyanide Total	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Bismuth (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.5	0.002			0.005	0.001	0.0001	0.0001	0.00005	0.0005	0.00005	0.01	0.00001	0.02	0.0001

Location	Date	Sample Type	Sulphate	Sulphide	Hardness as CaCO3	Total Dissolved Solids	Cyanide Total	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Bismuth (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)
	16-Dec-13	Normal	19.3	<0.002	228	266	<0.005	0.0018	<0.0001	0.00025	0.08	<0.0005	<0.00005	<0.01	<0.00001	63.6	<0.0001
	17-Dec-13	Normal	19.1	<0.002	226	271	<0.005	0.0023	<0.0001	0.00183	0.0751	<0.0005	<0.00005	<0.01	<0.00001	62.6	<0.0001
	18-Dec-13	Normal	19.4 - 19.7	<0.002	230 - 250	270 - 276	<0.005	0.002 - 0.0048	<0.0001	0.00025 - 0.00026	0.0763 - 0.0856	<0.0005	<0.00005	<0.01 - 0.011	<0.00001	65.7 - 67.6	<0.0001
	20-Dec-13	Normal	19.6	<0.002	247	275	<0.005	0.0019	<0.0001	0.00037	0.0852	<0.0005	<0.00005	<0.01	<0.00001	66.8	<0.0001
	21-Dec-13	Normal	19.3	<0.002	251	276	<0.005	0.0026	<0.0001	0.00024	0.087	<0.0005	<0.00005	<0.01	<0.00001	68.8	<0.0001
	22-Dec-13	Normal	19.7	<0.002	241	274	<0.005	0.0019	<0.0001	0.00025	0.088	<0.0005	<0.00005	<0.01	<0.00001	64.7	<0.0001
		Field Duplicate	17.9	<0.002	246	271	<0.005	0.0019	<0.0001	0.00053	0.0866	<0.0005	<0.00005	<0.01	<0.00001	66.9	<0.0001
	23-Dec-13	Normal	18.9	<0.002	249	271	<0.005	0.0025	<0.0001	0.00026	0.083	<0.0005	<0.00005	<0.01	<0.00001	67.7	<0.0001
	30-Dec-13	Normal	18.8	<0.002	229	262	<0.005	0.0021	<0.0001	0.00027	0.0786	<0.0005	<0.00005	<0.01	<0.00001	65.7	<0.0001
PLC-DS2	01-Dec-13	Normal	18.9	<0.002	213 - 221	266 - 268	<0.005	0.0022	<0.0001	0.00045 - 0.00184	0.0802 - 0.0813	<0.0005	<0.00005	<0.01	<0.00001	60.4 - 62.7	<0.0001
	02-Dec-13	Normal	17	<0.002	221	263	<0.005	0.0025	<0.0001	0.00027	0.077	<0.0005	<0.00005	<0.01	<0.00001	61.8	<0.0001
	04-Dec-13	Normal	19.9 - 20.1	<0.002	232 - 233	269 - 271	<0.005	0.0018 - 0.0021	<0.0001	0.00033 - 0.00035	0.0815 - 0.0826	<0.0005	<0.00005	<0.01	<0.00001	67.4 - 67.5	<0.0001
	05-Dec-13	Normal	20.8 - 21.1	<0.002	229 - 237	279 - 285	<0.005	0.0021 - 0.0027	<0.0001	0.00025 - 0.00029	0.0853 - 0.087	<0.0005	<0.00005	<0.01	<0.00001	65.7 - 69.2	<0.0001
	06-Dec-13	Normal	20.2 - 20.3	<0.002	236 - 239	275 - 276	<0.005	-	-	-	-	-	-	-	-	67.2 - 68.5	-
	07-Dec-13	Normal	20.7 - 20.8	<0.002	237 - 240	278 - 280	<0.005	0.0018 - 0.002	<0.0001	0.00025 - 0.0006	0.0816 - 0.0826	<0.0005	<0.00005	0.01	<0.00001	68.2 - 68.7	<0.0001
	08-Dec-13	Normal	20.1 - 20.4	<0.002	238 - 241	275 - 291	<0.005	0.0024 - 0.0041	<0.0001	0.00025 - 0.00027	0.0857 - 0.0871	<0.0005	<0.00005	<0.01	<0.00001 - 0.000016	67.1 - 68.3	<0.0001
	09-Dec-13	Normal	19.7 - 19.9	<0.002	233 - 236	273 - 281	<0.005	0.0021 - 0.0025	<0.0001	0.00027 - 0.00029	0.0891 - 0.0944	<0.0005	<0.00005	<0.01	<0.00001	65.3 - 66.2	<0.0001
	10-Dec-13	Normal	19 - 19.5	<0.002	239	270 - 272	<0.005	0.0018 - 0.002	<0.0001	0.00026 - 0.00027	0.0817 - 0.0831	<0.0005	<0.00005	<0.01	<0.00001	68 - 69	<0.0001
	11-Dec-13	Normal	19.6	<0.002	233 - 236	268 - 272	<0.005	0.0019 - 0.002	<0.0001	0.00031 - 0.00038	0.0792 - 0.0814	<0.0005	<0.00005	<0.01	<0.00001	66.9 - 68.4	<0.0001
	12-Dec-13	Normal	19.8 - 20.2	<0.002	229	266 - 268	<0.005	0.0019 - 0.0024	<0.0001	0.00024 - 0.00029	0.0836 - 0.0867	<0.0005	<0.00005	<0.01	<0.00001	64.9 - 65	<0.0001
	13-Dec-13	Normal	19.4	<0.002	238	272	<0.005	0.0017	<0.0001	0.00028	0.0781	<0.0005	<0.00005	<0.01	<0.00001	67	<0.0001
	15-Dec-13	Normal	19.1	<0.002	229	270	<0.005	0.0027	<0.0001	0.00035	0.0779	<0.0005	<0.00005	<0.01	<0.00001	66.5	<0.0001
	16-Dec-13	Normal	19.2	<0.002	224	264	<0.005	0.0012	<0.0001	0.00025	0.0841	<0.0005	<0.00005	<0.01	<0.00001	61.7	<0.0001
		Field Duplicate	19.2	<0.002	224	269	<0.005	0.0017	<0.0001	0.00026	0.082	<0.0005	<0.00005	<0.01	<0.00001	61.6	<0.0001
	17-Dec-13	Normal	19.1	<0.002	233	273	<0.005	0.0019	<0.0001	0.00027	0.0758	<0.0005	<0.00005	0.011	<0.00001	64.8	<0.0001
	18-Dec-13	Normal	18.3 - 19.7	<0.002	227 - 248	267 - 272	<0.005	0.0015 - 0.0027	<0.0001	0.00024 - 0.00103	0.0753 - 0.0947	<0.0005	<0.00005	<0.01 - 0.01	<0.00001	63.7 - 66.2	<0.0001
	20-Dec-13	Normal	19.7	<0.002	248	275	<0.005	0.0015	<0.0001	0.00028	0.0912	<0.0005	<0.00005	<0.01	<0.00001	67.3	<0.0001
		Field Duplicate	19.6	<0.002	253	274	<0.005	0.002	<0.0001	0.00026	0.0898	<0.0005	<0.00005	<0.01	<0.00001	69.3	<0.0001
	21-Dec-13	Normal	19.2	<0.002	245	273	<0.005	0.0017	<0.0001	0.00028	0.09	<0.0005	<0.00005	<0.01	<0.00001	66.4	<0.0001
	22-Dec-13	Normal	19.4	<0.002	253	275	<0.005	0.0023	<0.0001	0.00025	0.0891	<0.0005	<0.00005	<0.01	<0.00001	68.3	<0.0001
	23-Dec-13	Normal	19.2	<0.002	252	274	<0.005	0.0016	<0.0001	0.00033	0.0847	<0.0005	<0.00005	<0.01	<0.00001	69.1	<0.0001
	30-Dec-13	Normal	18.8	<0.002	228	263	<0.005	0.0015	<0.0001	0.00024	0.0773	<0.0005	<0.00005	<0.01	<0.00001	65.1	<0.0001
PLC-US	01-Dec-13	Normal	3.09 - 3.11	<0.002	202 - 206	223 - 224	<0.005	0.0022 - 0.0024	<0.0001	0.00027 - 0.00067	0.0634 - 0.0659	<0.0005	<0.00005	<0.01	<0.00001	58.6 - 59.1	<0.0001
	02-Dec-13	Normal	2.84	<0.002	211	225	<0.005	0.0022	<0.0001	0.00031	0.0652	<0.0005	<0.00005	<0.01	<0.00001	62	<0.0001
	04-Dec-13	Normal	2.88	<0.002	214	221	<0.005	0.0017	<0.0001	0.00028	0.064	<0.0005	<0.00005	<0.01	<0.00001	62.4	<0.0001
	05-Dec-13	Normal	3.14 - 3.19	<0.002	216 - 220	224 - 226	<0.005	0.0017 - 0.0022	<0.0001	0.00023 - 0.00026	0.0646 - 0.0664	<0.0005	<0.00005	<0.01	<0.00001	63.9 - 64.7	<0.0001
	06-Dec-13	Normal	3.03	<0.002	224	229	<0.005	-	-	-	-	-	-	-	-	65.8	-

Obed Mountain Mine
Water Quality
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Dissolved Metals														
	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Lithium (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Phosphorus (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Silicon (Filtered)	Silver (Filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.0001	0.0001	0.01	0.00005	0.003	0.005	0.00005	0.00005	0.0001	0.3	0.05	0.0001	0.05	0.00001

Location	Date	Sample Type	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Lithium (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Phosphorus (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Silicon (Filtered)	Silver (Filtered)
	16-Dec-13	Normal	<0.0001	0.00032	<0.01	<0.00005	0.0054	16.8	0.00141	0.000653	0.00025	<0.3	0.8	0.00011	4.28	<0.00001
	17-Dec-13	Normal	<0.0001	0.00016	<0.01	<0.00005	0.0043	16.9	0.00574	0.000726	0.00024	<0.3	0.756	0.00012	4.69	<0.00001
	18-Dec-13	Normal	<0.0001	0.00017 - 0.00018	<0.01 - 0.011	<0.00005	0.0054 - 0.0066	15.9 - 19.6	0.00478 - 0.00563	0.000713 - 0.000784	0.00028 - 0.0003	<0.3	0.836 - 0.9	0.00012	4.75 - 5.29	<0.00001
	20-Dec-13	Normal	<0.0001	0.0002	<0.01	<0.00005	0.0065	19.4	0.00241	0.000769	0.00029	<0.3	0.89	0.00013	5.27	<0.00001
	21-Dec-13	Normal	<0.0001	0.00017	<0.01	<0.00005	0.0065	19.2	0.00304	0.000768	0.00028	<0.3	0.88	0.00012	5.35	<0.00001
	22-Dec-13	Normal	<0.0001	0.00017	<0.01	<0.00005	0.0063	19.4	0.00344	0.00077	0.00029	<0.3	0.87	0.00012	5.1	<0.00001
		Field Duplicate	<0.0001	0.00024	<0.01	<0.00005	0.0064	19.2	0.00236	0.000775	0.0003	<0.3	0.89	0.00013	5.13	<0.00001
	23-Dec-13	Normal	<0.0001	0.00019	<0.01	<0.00005	0.0063	19.4	0.00335	0.000787	0.00028	<0.3	0.88	0.00011	5.15	<0.00001
	30-Dec-13	Normal	<0.0001	0.00015	<0.01	<0.00005	0.0065	15.7	0.00385	0.000731	0.00027	<0.3	0.83	0.00012	4.38	0.000022
PLC-DS2	01-Dec-13	Normal	<0.0001	0.00013 - 0.00016	0.014 - 0.016	<0.00005	0.0062	15 - 15.7	0.00552 - 0.00556	0.000728 - 0.000739	0.00031 - 0.00032	<0.3	0.8 - 0.802	<0.0001 - 0.00011	4.45 - 4.53	<0.00001
	02-Dec-13	Normal	<0.0001	0.00025	0.012	<0.00005	0.0061	16.2	0.00609	0.000721	0.0003	<0.3	0.83	0.00012	4.43	<0.00001
	04-Dec-13	Normal	<0.0001	0.00016 - 0.00024	<0.01	<0.00005	0.0064	15.4 - 15.7	0.00157 - 0.00268	0.00083 - 0.000839	0.00031 - 0.00032	<0.3	0.82	0.00012	4.73 - 4.77	<0.00001
	05-Dec-13	Normal	<0.0001	0.00021	<0.01	<0.00005	0.0064 - 0.0071	15.6 - 15.8	0.00121 - 0.00135	0.000822 - 0.000858	0.00027 - 0.00029	<0.3	0.84 - 0.85	0.00011 - 0.00012	4.69 - 4.7	<0.00001
	06-Dec-13	Normal	-	-	-	-	-	16.4 - 16.5	-	-	-	-	0.86 - 0.87	-	-	-
	07-Dec-13	Normal	<0.0001	0.00023 - 0.00041	<0.01	<0.00005	0.0064	16.3 - 16.7	0.000758 - 0.00109	0.000857 - 0.000887	0.00032	<0.3	0.87 - 0.89	0.00012	4.78 - 4.85	<0.00001
	08-Dec-13	Normal	<0.0001	0.00021 - 0.00029	0.012 - 0.013	<0.00005	0.0069 - 0.0075	17 - 17.2	0.00519 - 0.00546	0.000817 - 0.000845	0.00031 - 0.00033	<0.3	0.87	0.00013 - 0.00014	4.67 - 4.81	<0.00001
	09-Dec-13	Normal	<0.0001	0.00028 - 0.00032	<0.01	<0.00005	0.0072 - 0.0076	17.1 - 17.2	0.00048 - 0.00066	0.000802 - 0.000824	0.00027	<0.3	0.838 - 0.878	0.00013	4.79 - 4.89	<0.00001
	10-Dec-13	Normal	<0.0001	0.00027 - 0.0004	0.012	<0.00005	0.007 - 0.0071	16.2 - 16.7	0.00578 - 0.00581	0.000847 - 0.000858	0.0003 - 0.00032	<0.3	0.844 - 0.878	0.00011 - 0.00013	4.83 - 4.96	<0.00001
	11-Dec-13	Normal	<0.0001	0.00013 - 0.00023	0.014	<0.00005	0.0066 - 0.007	15.9	0.00522 - 0.00553	0.000821 - 0.000824	0.00028 - 0.00032	<0.3	0.814 - 0.816	0.00013	4.72 - 4.73	<0.00001
	12-Dec-13	Normal	<0.0001	0.00022	<0.01	<0.00005	0.006 - 0.0062	16.3	0.00256 - 0.00262	0.00073 - 0.00077	0.00028 - 0.00031	<0.3	0.855 - 0.866	0.00011 - 0.00012	4.6 - 4.64	<0.00001
	13-Dec-13	Normal	<0.0001	0.00023	<0.01	<0.00005	0.0059	17.2	0.000668	0.000694	0.00029	<0.3	0.78	0.00014	4.7	<0.00001
	15-Dec-13	Normal	<0.0001	0.00023	0.012	<0.00005	0.0053	15.4	0.00417	0.000747	0.00029	<0.3	0.823	0.00012	4.62	<0.00001
	16-Dec-13	Normal	<0.0001	0.00019	<0.01	<0.00005	0.0056	16.9	0.00119	0.000657	0.00028	<0.3	0.8	0.00012	4.31	<0.00001
		Field Duplicate	<0.0001	0.00026	<0.01	<0.00005	0.0053	17	0.000545	0.000662	0.00027	<0.3	0.8	0.00012	4.35	<0.00001
	17-Dec-13	Normal	<0.0001	0.00017	<0.01	<0.00005	0.0046	17.3	0.00401	0.000735	0.00028	<0.3	0.764	0.00013	4.64	<0.00001
	18-Dec-13	Normal	<0.0001	0.00018 - 0.00027	<0.01	<0.00005	0.0052 - 0.0063	16.6 - 20.1	0.0014 - 0.00394	0.000719 - 0.000756	0.00028 - 0.00035	<0.3	0.839 - 0.93	0.00011 - 0.00012	4.61 - 5.47	<0.00001
	20-Dec-13	Normal	<0.0001	0.00019	<0.01	<0.00005	0.0062	19.3	0.00111	0.000759	0.00032	<0.3	0.88	0.00013	5.15	<0.00001
		Field Duplicate	<0.0001	0.00022	<0.01	<0.00005	0.0069	19.4	0.00124	0.000786	0.0003	<0.3	0.9	0.00012	5.23	<0.00001
	21-Dec-13	Normal	<0.0001	0.00028	<0.01	<0.00005	0.0064	19.2	0.00292	0.000771	0.00034	<0.3	0.88	0.00012	5.38	<0.00001
	22-Dec-13	Normal	<0.0001	0.00017	<0.01	<0.00005	0.0065	20.1	0.00158	0.000786	0.00032	<0.3	0.89	0.00013	5.23	<0.00001
	23-Dec-13	Normal	<0.0001	0.00018	<0.01	<0.00005	0.0064	19.4	0.00188	0.000788	0.0003	<0.3	0.87	0.00013	5.24	<0.00001
	30-Dec-13	Normal	<0.0001	0.00026	<0.01	<0.00005	0.0065	16	0.00141	0.000743	0.00026	<0.3	0.85	0.00012	4.47	0.000022
PLC-US	01-Dec-13	Normal	<0.0001	0.00014 - 0.00016	0.091 - 0.094	<0.00005	<0.003 - 0.003	13.6 - 14.3	0.0309 - 0.0321	0.000427 - 0.000428	0.0003 - 0.00034	<0.3	0.651 - 0.676	<0.0001	4.58 - 4.81	<0.00001
	02-Dec-13	Normal	<0.0001	0.00016	0.096	<0.00005	0.0033	13.7	0.0297	0.000412	0.0003	<0.3	0.703	<0.0001	4.87	<0.00001
	04-Dec-13	Normal	<0.0001	0.00021	0.067	<0.00005	<0.003	14.1	0.0229	0.000457	0.00031	<0.3	0.66	<0.0001	4.98	<0.00001
	05-Dec-13	Normal	<0.0001	0.00013 - 0.00023	0.038 - 0.045	<0.00005	<0.003 - 0.003	13.7 - 14.2	0.0229 - 0.0241	0.00049 - 0.000492	0.00029	<0.3	0.67	<0.0001	4.94 - 5.09	<0.00001
	06-Dec-13	Normal	-	-	-	-	-	14.5	-	-	-	-	0.68	-	-	-

Obed Mountain Mine
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									Inorganic / Inorganic Carbon		Organic Parameters	Physical Tests				
	Sodium (Filtered)	Strontium (Filtered)	Thallium (Filtered)	Tin (Filtered)	Titanium (Filtered)	Uranium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	Dissolved Organic Carbon (Filtered)	TOC	Naphthenic Acid	Colour	Total Dissolved Solids (Filtered)	Total Suspended Solids	Turbidity	Benzo[b+]fluoranthene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Colour units	mg/L	mg/L	NTU	µg/L
MDL	0.05	0.0001	0.00005	0.0001	0.0003	0.00001	0.0001	0.001	1	1	1	2	10	3	0.1	0.01

Location	Date	Sample Type																
	16-Dec-13	Normal	15	0.333	<0.00005	<0.0001	<0.0003	0.00112	0.00012	<0.001	3.2	3.3	<1	5.9	277	14	5.48	<0.01
	17-Dec-13	Normal	15.6	0.343	<0.00005	<0.0001	<0.0003	0.00108	0.00013	<0.001	3.4	3.4	<1	6.4	275	12	5.58	<0.01
	18-Dec-13	Normal	14.3 - 15.9	0.381 - 0.386	<0.00005	<0.0001	<0.0003	0.00114 - 0.00124	0.00014 - 0.00017	<0.001	3.4 - 3.5	3.2 - 3.5	<1	7.5 - 8.4	265 - 295	13 - 14	5.55 - 5.7	<0.01
	20-Dec-13	Normal	16.7	0.378	<0.00005	<0.0001	<0.0003	0.00122	0.00015	<0.001	3.3	3.3	<1	6.2	288	15	6.04	<0.01
	21-Dec-13	Normal	16.7	0.368	<0.00005	<0.0001	<0.0003	0.00122	0.00015	<0.001	3.4	3.3	<1	7.1	292	12	4.43	<0.01
	22-Dec-13	Normal	16.3	0.373	<0.00005	<0.0001	<0.0003	0.0012	0.00014	<0.001	3.5	3.3	<1	8.8	291	14	5.38	<0.01
		Field Duplicate	16.2	0.381	<0.00005	<0.0001	<0.0003	0.00115	0.00015	<0.001	3.4	3.3	<1	8.1	286	13	5.19	<0.01
	23-Dec-13	Normal	16.4	0.381	<0.00005	<0.0001	<0.0003	0.00119	0.00014	<0.001	3.3	3.2	<1	8	280	15	5.61	<0.01
	30-Dec-13	Normal	15.8	0.353	<0.00005	<0.0001	<0.0003	0.00121	0.00012	<0.001	3.416	3.158	<1	6	288	12	5.82	<0.01
PLC-DS2	01-Dec-13	Normal	15 - 15.2	0.33 - 0.35	<0.00005	<0.0001	<0.0003	0.00114 - 0.00118	0.00012 - 0.00013	0.0015 - 0.0019	3.3 - 3.4	3.4 - 3.6	<1	9.7 - 10.6	283 - 287	23 - 24	7.83 - 8.55	<0.01
	02-Dec-13	Normal	15.7	0.376	<0.00005	<0.0001	<0.0003	0.00109	0.00015	0.0016	3.5	3.6	<1	12.6	279	23	9.09	<0.01
	04-Dec-13	Normal	16.1 - 16.2	0.377 - 0.381	<0.00005	<0.0001	<0.0003	0.00116 - 0.00117	0.00015	<0.001	3.5	3.5	<1	9.7 - 9.8	295 - 297	16 - 23	8.15 - 8.81	<0.01
	05-Dec-13	Normal	17.1 - 17.6	0.351 - 0.367	<0.00005	<0.0001	<0.0003	0.00116 - 0.00117	0.00014 - 0.00015	<0.001 - 0.0011	3.2 - 3.4	3.3 - 3.5	<1	8 - 8.3	270 - 285	20	7.52 - 8.08	<0.01
	06-Dec-13	Normal	16.5 - 16.9	-	-	-	-	-	-	-	2.9 - 3.2	3.2 - 3.3	<1	7.9 - 8.1	263 - 281	19 - 20	6.12 - 7.98	<0.01
	07-Dec-13	Normal	16.6 - 16.8	0.397 - 0.402	<0.00005	<0.0001 - 0.00015	<0.0003	0.00132 - 0.00135	0.00015 - 0.00017	<0.001 - 0.0011	3.5 - 3.6	3.8	<1	6.3 - 7.3	281 - 287	22 - 23	6.41 - 9.75	<0.01
	08-Dec-13	Normal	16.2 - 16.4	0.402 - 0.411	<0.00005	<0.0001	<0.0003	0.00123 - 0.00127	0.00015 - 0.00016	<0.001	3 - 3.1	3.2 - 3.4	<1	8.6 - 9.8	306 - 315	16 - 23	11 - 12.5	<0.01
	09-Dec-13	Normal	16.9 - 17.2	0.387 - 0.398	<0.00005	<0.0001	<0.0003	0.00123 - 0.00125	0.00014	<0.001	3.4 - 3.5	3.3	<1	6 - 7.6	296 - 306	23 - 25	10.7 - 10.9	<0.01
	10-Dec-13	Normal	15.7 - 16	0.376 - 0.383	<0.00005	<0.0001 - 0.00022	<0.0003	0.00122 - 0.00124	0.00015	<0.001	2.8 - 2.9	2.9	<1	6.4 - 7.2	286 - 288	23 - 27	8.47 - 8.5	<0.01
	11-Dec-13	Normal	15.9 - 16.3	0.383 - 0.387	<0.00005	<0.0001	<0.0003	0.00115 - 0.0012	0.00014	<0.001	3 - 3.2	2.9	<1	6.8 - 10	287 - 293	23 - 24	8 - 8.05	<0.01
	12-Dec-13	Normal	15.3 - 15.7	0.361 - 0.367	<0.00005	<0.0001	<0.0003	0.00124 - 0.00128	0.00014	<0.001 - 0.0013	3 - 3.1	2.8 - 3	<1	8.4 - 10	281 - 292	15 - 21	8.29 - 8.36	<0.01
	13-Dec-13	Normal	16.3	0.359	<0.00005	<0.0001	<0.0003	0.00111	0.00015	0.0024	3.4	3.3	<1	7	275	20	4.42	<0.01
	15-Dec-13	Normal	15.4	0.364	<0.00005	<0.0001	<0.0003	0.00121	0.00013	<0.001	3.5	3.5	<1	9.6	276	16	7.72	<0.01
	16-Dec-13	Normal	14.9	0.332	<0.00005	<0.0001	<0.0003	0.00109	0.00013	<0.001	3.2	3.4	<1	9.5	288	18	7.04	<0.01
		Field Duplicate	14.8	0.332	<0.00005	<0.0001	<0.0003	0.00113	0.00013	<0.001	3.3	3.5	<1	10	283	15	6.95	<0.01
	17-Dec-13	Normal	16	0.354	<0.00005	<0.0001	<0.0003	0.00109	0.00014	<0.001	3.4	3.3	<1	7.3	287	13	5.75	<0.01
	18-Dec-13	Normal	14.6 - 16.4	0.373 - 0.375	<0.00005	<0.0001	<0.0003	0.00119 - 0.00125	0.00015 - 0.00016	<0.001 - 0.0038	3.4 - 3.5	3.3	<1	8.5 - 9.8	271 - 293	12 - 14	6.13 - 6.64	<0.01
	20-Dec-13	Normal	16.3	0.374	<0.00005	<0.0001	<0.0003	0.00123	0.00014	<0.001	3.4	3.3	<1	8.3	282	17	7.26	<0.01
		Field Duplicate	16.8	0.379	<0.00005	<0.0001	<0.0003	0.00122	0.00015	<0.001	3.3	3.353	<1	6.5	277	13	7.53	<0.01
	21-Dec-13	Normal	16.4	0.369	<0.00005	<0.0001	<0.0003	0.00119	0.00015	0.0096	3.4	3.3	<1	9.8	288	13	5.77	<0.01
	22-Dec-13	Normal	16.5	0.38	<0.00005	<0.0001	<0.0003	0.00117	0.00015	<0.001	3.4	3.3	<1	10.3	285	14	5.65	<0.01
	23-Dec-13	Normal	16.1	0.381	<0.00005	<0.0001	<0.0003	0.00118	0.00015	0.0012	3.6	3.2	<1	7.4	282	16	5.64	<0.01
	30-Dec-13	Normal	16.3	0.358	<0.00005	<0.0001	<0.0003	0.00123	0.00015	<0.001	3.403	3.36	<1	7	294	10	6.92	<0.01
PLC-US	01-Dec-13	Normal	4.6 - 4.66	0.26 - 0.268	<0.00005	<0.0001	<0.0003	0.000698 - 0.000701	<0.0001	0.0026 - 0.0028	4.3 - 4.4	4.3 - 4.4	<1	15.4 - 16.4	236 - 247	<3	2.04 - 2.32	<0.01
	02-Dec-13	Normal	4.85	0.299	<0.00005	<0.0001	<0.0003	0.000659	<0.0001	0.0034	4.4	4.3	<1	12.6	237	<3	1.7	<0.01
	04-Dec-13	Normal	4.7	0.284	<0.00005	<0.0001	<0.0003	0.00069	<0.0001	<0.001	4.4	4.1	<1	15.7	255	<3	1.8	<0.01
	05-Dec-13	Normal	5.1 - 5.3	0.272 - 0.276	<0.00005	<0.0001	<0.0003	0.000686 - 0.000699	<0.0001	<0.001 - 0.0017	4.2 - 4.3	4.1	<1	14.9 - 15.3	231 - 232	<3	1.98 - 2.02	<0.01
	06-Dec-13	Normal	5	-	-	-	-	-	-	-	4	3.9	1.4	15	213	<3	2.04	<0.01

Obed Mountain Mine
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	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Total Metals
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.0005	0.00005	0.01	0.00001	0.02	0.0001	0.0001	0.0001	0.01	0.00005	0.005	0.005	0.00005	

Location Date Sample Type

	16-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	64.4	0.00013	<0.0001	0.00052	0.263	0.000288	0.0057	17.3	0.0148
	17-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	66.4	0.00022	0.00012	0.00068	0.364	0.000337	0.0056	17.5	0.0159
	18-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	63.2 - 72.1	0.0002 - 0.00021	0.00011	0.00047 - 0.00267	0.35 - 0.357	0.000289 - 0.00042	0.0053 - 0.0058	19 - 19.3	0.0157 - 0.0158
	20-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	70.8	0.00021	0.00012	0.00042	0.32	0.000325	0.0051	19	0.0151
	21-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	70.9	0.0002	0.00013	0.00043	0.341	0.0003	0.0055	18.6	0.0155
	22-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000017	63.8	0.00024	<0.0001	0.00065	0.341	0.000318	0.0057	17.9	0.0149
		Field Duplicate	<0.0005	<0.00005	<0.01	<0.00001	62	0.00024	0.00011	0.00054	0.353	0.000319	0.0057	17.7	0.0162
	23-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	65.9	0.00024	0.00011	0.00056	0.367	0.000271	0.0058	18.1	0.0156
	30-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	65.4	0.00026	0.00013	0.00044	0.414	0.000307	0.0059	17.5	0.0157
PLC-DS2	01-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000012 - 0.000014	61.1 - 61.5	0.00025 - 0.00031	0.00013 - 0.00016	0.00071 - 0.00086	0.374 - 0.466	0.00048 - 0.000636	0.0051 - 0.0054	14.1 - 14.3	0.0161 - 0.0164
	02-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000012	62.1	0.00036	0.00015	0.0009	0.45	0.000516	0.0062	14.6	0.0162
	04-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.00001 - 0.000012	64.8 - 67.8	0.00031	0.00015	0.00061 - 0.00062	0.431 - 0.447	0.000444 - 0.000475	0.0069 - 0.0071	15.3 - 16	0.0151 - 0.016
	05-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.00001 - 0.000015	61.1 - 65.3	0.00025 - 0.00033	0.00014	0.00057 - 0.00067	0.406 - 0.439	0.000406 - 0.000417	0.0053 - 0.0055	15.3 - 16.3	0.015 - 0.0157
	06-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000012 - 0.000016	64 - 64.7	0.00037 - 0.00038	0.00013 - 0.00014	0.00083 - 0.00149	0.383 - 0.434	0.000448 - 0.00045	0.0064 - 0.0071	16.1 - 16.8	0.0144 - 0.0163
	07-Dec-13	Normal	<0.0005	<0.00005	0.01 - 0.012	<0.00001 - 0.000012	63.9 - 64.5	0.00026 - 0.00042	0.00014 - 0.00015	0.00073 - 0.00091	0.422 - 0.424	0.000432 - 0.000502	0.0061 - 0.0065	16.5 - 16.9	0.0157 - 0.0159
	08-Dec-13	Normal	<0.0005	<0.00005	<0.01 - 0.01	0.000012 - 0.000014	70.9 - 71.8	0.00034 - 0.00039	0.00017 - 0.00019	0.00092 - 0.00129	0.447 - 0.529	0.00054 - 0.000628	0.0071 - 0.0077	16.3 - 17.3	0.0168 - 0.0189
	09-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.00001 - 0.000013	69 - 71.1	0.00039	0.00019	0.00088 - 0.00091	0.523 - 0.533	0.00061 - 0.000627	0.007 - 0.0076	16.5 - 16.8	0.0177 - 0.0179
	10-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001 - 0.000012	67.1 - 67.2	0.00039	0.00017 - 0.00018	0.00088 - 0.00091	0.502 - 0.508	0.000518 - 0.000555	0.0061	15.7 - 16.4	0.0168 - 0.017
	11-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000012	66.7 - 69.6	0.00026 - 0.00028	0.00016 - 0.00017	0.00058	0.447 - 0.453	0.000459 - 0.000487	0.0063 - 0.0065	16.6 - 17.2	0.0165 - 0.0174
	12-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000013	64.3 - 64.6	0.00023 - 0.00026	0.00013 - 0.00016	0.00065 - 0.00078	0.4 - 0.422	0.000459 - 0.000472	0.0052 - 0.0062	15.4 - 15.7	0.0139 - 0.0154
	13-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000014	64	0.00032	0.00015	0.00063	0.422	0.000422	0.006	15	0.0152
	15-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	63.5	0.00027	0.00014	0.00058	0.416	0.0004	0.0056	15.2	0.0144
	16-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	67.8	0.00023	0.00011	0.00053	0.358	0.00035	0.006	17.2	0.0137
		Field Duplicate	<0.0005	<0.00005	<0.01	<0.00001	64.2	0.00018	0.00011	0.00057	0.319	0.000335	0.0055	17.5	0.0133
	17-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	65.5	0.00021	0.00012	0.00043	0.351	0.000406	0.0058	17.3	0.0134
	18-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	66.9 - 74.4	0.00021 - 0.00025	0.00012 - 0.00013	0.00048 - 0.00054	0.36 - 0.374	0.000332 - 0.000357	0.0054 - 0.0063	18.8 - 19.3	0.0134 - 0.0135
	20-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	73.6	0.00019	0.00011	0.00051	0.307	0.00035	0.0054	19.5	0.0136
		Field Duplicate	<0.0005	<0.00005	<0.01	<0.00001	72.8	0.00021	0.00011	0.00044	0.346	0.000346	0.0055	19.5	0.0137
	21-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	69.2	0.00026	0.00012	0.00067	0.355	0.000334	0.0052	18.9	0.0131
	22-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	61.7	0.00022	<0.0001	0.00071	0.323	0.000381	0.0055	17.7	0.0124
	23-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000015	64.2	0.00024	<0.0001	0.00052	0.332	0.000275	0.0056	17.9	0.0124
	30-Dec-13	Normal	<0.0005	<0.00005	<0.01	0.000016	67.1	0.00025	0.00012	0.00058	0.41	0.000316	0.0061	17.9	0.0139
PLC-US	01-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	62.1 - 62.8	<0.0001	<0.0001	0.00035 - 0.00038	0.389 - 0.413	<0.00005	<0.005	13 - 13.1	0.0351 - 0.0388
	02-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	58	<0.0001	<0.0001	0.00011	0.352	<0.00005	<0.005	14.2	0.0332
	04-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	62.9	<0.0001	<0.0001	0.00024	0.386	<0.00005	<0.005	14	0.0325
	05-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	61.6 - 62	<0.0001	<0.0001	0.0002 - 0.00058	0.422 - 0.424	<0.00005	<0.005	14.4 - 14.6	0.0343 - 0.0344
	06-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	65.2	<0.0001	<0.0001	0.00029	0.388	<0.00005	<0.005	16	0.0349

Obed Mountain Mine
Water Quality
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als													
	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	5.0E-7	0.00005	0.0001	0.3	0.05	0.0001	0.05	0.00001	0.05	0.0001	0.00005	0.0001	0.0003

Location	Date	Sample Type	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
	16-Dec-13	Normal	0.0000018	0.000722	0.00044	<0.3	0.794	0.00012	4.33	<0.00001	15.5	0.353	<0.00005	<0.0001	0.00306
	17-Dec-13	Normal	0.00000193	0.000736	0.00054	<0.3	0.842	0.00013	4.81	<0.00001	15.7	0.356	<0.00005	<0.0001	0.00535
	18-Dec-13	Normal	0.00000138 - 0.00000159	0.000721 - 0.000753	0.00049	<0.3	0.846 - 0.849	0.00012	5.07 - 5.24	<0.00001	16.3 - 16.7	0.345 - 0.388	<0.00005	<0.0001	0.00463 - 0.00475
	20-Dec-13	Normal	<0.0000028	0.000754	0.0005	<0.3	0.837	0.00013	5.06	<0.00001	16.8	0.388	<0.00005	<0.0001	0.00438
	21-Dec-13	Normal	<0.0000023	0.000754	0.00052	<0.3	0.854	0.00012	5.11	<0.00001	16.3	0.385	<0.00005	<0.0001	0.00508
	22-Dec-13	Normal	<0.0000017	0.000706	0.00059	<0.3	0.844	0.00013	4.7	<0.00001	16.5	0.349	<0.00005	0.0003	0.00463
		Field Duplicate	<0.0000018	0.000698	0.00052	<0.3	0.826	0.00014	4.67	<0.00001	15.6	0.344	<0.00005	0.00013	0.00465
	23-Dec-13	Normal	<0.0000015	0.000728	0.0005	<0.3	0.846	0.00011	4.66	<0.00001	16.4	0.366	<0.00005	0.0001	0.0044
	30-Dec-13	Normal	0.0000024	0.00075	0.00053	<0.3	0.836	0.00015	4.97	<0.00001	16.2	0.375	<0.00005	<0.0001	0.00601
PLC-DS2	01-Dec-13	Normal	0.00000236 - 0.00000334	0.0008 - 0.000817	0.00071 - 0.00074	<0.3	0.818 - 0.835	0.00011 - 0.00012	4.52 - 4.66	<0.00001	14.7 - 15.4	0.344 - 0.357	<0.00005	<0.0001 - 0.00011	0.00603 - 0.00782
	02-Dec-13	Normal	0.00000291	0.000802	0.00071	<0.3	0.849	0.00012	4.74	<0.00001	14.3	0.357	<0.00005	<0.0001	0.00815
	04-Dec-13	Normal	0.00000104 - 0.00000213	0.000846 - 0.000849	0.00063 - 0.00064	<0.3	0.902 - 0.921	0.00012 - 0.00013	4.78 - 4.85	<0.00001	17.2 - 17.7	0.384 - 0.387	<0.00005	<0.0001	0.0082 - 0.00917
	05-Dec-13	Normal	0.00000192 - 0.00000243	0.000781 - 0.000825	0.00061 - 0.00072	<0.3	0.918 - 0.925	0.00012	4.68 - 4.92	<0.00001	16.2 - 17.1	0.353 - 0.374	<0.00005	<0.0001	0.00726 - 0.00736
	06-Dec-13	Normal	0.00000224 - 0.00000228	0.000814 - 0.000834	0.00065 - 0.0007	<0.3	0.924 - 0.976	0.00012 - 0.00014	5.14 - 5.4	<0.00001	15.7 - 16.2	0.353 - 0.362	<0.00005	0.00018 - 0.00027	0.00646 - 0.00823
	07-Dec-13	Normal	0.00000175 - 0.00000233	0.000801 - 0.000816	0.00061 - 0.00077	<0.3	0.909 - 0.962	<0.0001 - 0.00011	4.77 - 4.78	<0.00001	16.8	0.369 - 0.377	<0.00005	<0.0001 - 0.00013	0.00659 - 0.00789
	08-Dec-13	Normal	0.00000187 - 0.00000274	0.00086 - 0.000892	0.00066 - 0.00075	<0.3	0.898 - 0.964	0.00013 - 0.00014	5.31 - 5.71	<0.00001	15.8 - 16.7	0.404 - 0.411	<0.00005	<0.0001	0.00723 - 0.012
	09-Dec-13	Normal	0.00000237 - 0.0000033	0.000872 - 0.000902	0.00071 - 0.00074	<0.3	0.916 - 0.925	0.00012 - 0.00014	5.52 - 5.63	<0.00001	16.2	0.407 - 0.41	<0.00005	<0.0001	0.00964 - 0.0107
	10-Dec-13	Normal	-	0.000822 - 0.000837	0.00068 - 0.0007	<0.3	0.891 - 0.906	0.00012 - 0.00014	5.5 - 5.66	<0.00001	15.9 - 16.3	0.395	<0.00005	<0.0001	0.0109 - 0.0115
	11-Dec-13	Normal	0.000002 - 0.00000294	0.000797 - 0.000819	0.00065 - 0.00073	<0.3	0.89 - 0.931	0.00013 - 0.00015	4.98 - 5.07	<0.00001	16.7 - 17.9	0.373 - 0.387	<0.00005	<0.0001	0.00817 - 0.00824
	12-Dec-13	Normal	0.00000212 - 0.00000223	0.000808 - 0.00081	0.00056 - 0.00059	<0.3	0.826 - 0.857	<0.0001 - 0.00012	4.58 - 4.7	<0.00001	14.6 - 16.6	0.351 - 0.355	<0.00005	<0.0001	0.00624 - 0.00689
	13-Dec-13	Normal	0.00000193	0.000797	0.0006	<0.3	0.851	0.00012	4.58	<0.00001	16.2	0.347	<0.00005	<0.0001	0.0111
	15-Dec-13	Normal	0.00000345	0.00077	0.00054	<0.3	0.82	0.00014	4.54	<0.00001	14.8	0.366	<0.00005	<0.0001	0.00911
	16-Dec-13	Normal	0.00000191	0.000744	0.00056	<0.3	0.821	0.00012	4.57	<0.00001	15.5	0.364	<0.00005	<0.0001	0.00558
		Field Duplicate	0.000002	0.0007	0.00047	<0.3	0.815	0.00011	4.53	<0.00001	15.8	0.349	<0.00005	<0.0001	0.0044
	17-Dec-13	Normal	0.00000184	0.000735	0.00051	<0.3	0.832	0.00011	4.8	<0.00001	15.6	0.363	<0.00005	<0.0001	0.00575
	18-Dec-13	Normal	0.00000186 - 0.00000194	0.000777 - 0.000778	0.00052 - 0.00058	<0.3	0.843 - 0.879	0.00012	5.2 - 5.24	<0.00001	16.7 - 17.2	0.369 - 0.407	<0.00005	<0.0001	0.00511 - 0.00609
	20-Dec-13	Normal	<0.0000021	0.000762	0.00048	<0.3	0.855	0.00014	5.19	<0.00001	17	0.4	<0.00005	<0.0001	0.00388
		Field Duplicate	<0.0000021	0.000786	0.00052	<0.3	0.871	0.00013	5.25	<0.00001	16.8	0.398	<0.00005	<0.0001	0.00531
	21-Dec-13	Normal	<0.0000017	0.000731	0.00052	<0.3	0.851	0.00013	5.27	<0.00001	16.4	0.372	<0.00005	<0.0001	0.00545
	22-Dec-13	Normal	<0.000002	0.000682	0.00052	<0.3	0.834	0.00012	4.65	<0.00001	16.1	0.351	<0.00005	0.00014	0.00484
	23-Dec-13	Normal	<0.000002	0.000719	0.00049	<0.3	0.84	0.00012	4.64	<0.00001	16	0.361	<0.00005	<0.0001	0.00504
	30-Dec-13	Normal	0.00000429	0.000792	0.00051	<0.3	0.855	0.00014	5.14	<0.00001	16.6	0.375	<0.00005	<0.0001	0.00529
PLC-US	01-Dec-13	Normal	<5.0E-7	0.000492 - 0.000503	0.00035 - 0.00037	<0.3	0.651 - 0.654	<0.0001	4.56 - 4.77	<0.00001	4.71	0.279 - 0.287	<0.00005	<0.0001	0.00034 - 0.00055
	02-Dec-13	Normal	<5.0E-7	0.000331	0.00027	<0.3	0.698	<0.0001	4.72	<0.00001	4.81	0.265	<0.00005	<0.0001	<0.0003
	04-Dec-13	Normal	<5.0E-7	0.000486	0.00034	<0.3	0.677	<0.0001	4.6	<0.00001	5.06	0.291	<0.00005	<0.0001	0.0003
	05-Dec-13	Normal	<5.0E-7	0.000486 - 0.000496	0.00029 - 0.00034	<0.3	0.706 - 0.725	<0.0001 - 0.0001	4.84 - 4.95	<0.00001	5.09 - 5.2	0.288 - 0.29	<0.00005	<0.0001	<0.0003
	06-Dec-13	Normal	<5.0E-7	0.000446	0.00028	<0.3	0.709	<0.0001	5.21	<0.00001	5.15	0.306	<0.00005	<0.0001	<0.0003

Obed Mountain Mine
Water Quality
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	Aggregate Organics			Anions and Nutrients														
	Hydrocarbons, Recoverable (I.R.)	BOD	Phenols (4AAP)	Alkalinity (T) as CaCO3	Ammonia	Bicarbonate	Carbonate	Chloride	Electrical Conductivity (lab)	Hydroxide	Ionic Balance	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate + Nitrite-N	Nitrite (as N)	pH (Lab)	Phosphorus	Phosphorus (Filtered)
	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mS/cm	mg/L	%	mg/L	mg/L	mg/L	mg/L	pH	mg/L	mg/L
MDL	1	2	1	2	0.05	5	5	0.5	0.0002	5		0.2	0.05	0.07	0.05	0.1	0.001	0.001

Location	Date	Sample Type	Hydrocarbons, Recoverable (I.R.)	BOD	Phenols (4AAP)	Alkalinity (T) as CaCO3	Ammonia	Bicarbonate	Carbonate	Chloride	Electrical Conductivity (lab)	Hydroxide	Ionic Balance	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrate + Nitrite-N	Nitrite (as N)	pH (Lab)	Phosphorus	Phosphorus (Filtered)
	07-Dec-13	Normal	<1	<2 - 2.1	<1	233 - 245	<0.05	284 - 299	<5	<0.5	0.427 - 0.429	<5	98 - 98.1	<0.2	0.082	0.082	<0.05	8.05 - 8.06	0.0069 - 0.0199	0.0031 - 0.0032
	08-Dec-13	Normal	<1	<2	<1 - 1.1	239 - 242	<0.05	291 - 296	<5	<0.5	0.432 - 0.433	<5	97.3 - 99	<0.2	0.082	0.082	<0.05	7.89 - 7.91	0.006 - 0.0068	0.0029 - 0.0034
	09-Dec-13	Normal	<1	<2	<1	232 - 236	<0.05	283 - 288	<5	<0.5	0.399 - 0.42	<5	99.9 - 101	<0.2	0.08 - 0.085	0.08 - 0.085	<0.05	8.14 - 8.15	0.0057 - 0.0058	0.0023 - 0.0033
	10-Dec-13	Normal	<1	<2	<1	236	<0.05	288	<5	<0.5	0.399 - 0.422	<5	98.3 - 101	<0.2	0.076 - 0.08	0.076 - 0.08	<0.05	8.04	0.0067 - 0.0084	0.0038 - 0.0039
	11-Dec-13	Normal	<1	<2	<1	228 - 230	<0.05	278 - 280	<5	<0.5	0.385 - 0.4	<5	99.1 - 99.9	<0.2	0.078 - 0.08	0.078 - 0.08	<0.05	8.07 - 8.08	0.0064 - 0.0069	0.0043 - 0.0046
	12-Dec-13	Normal	<1	<2	<1	231	<0.05 - 0.054	281	<5	<0.5	0.404 - 0.412	<5	99 - 99.6	<0.2	0.088 - 0.097	0.088 - 0.097	<0.05	8.19 - 8.2	0.0061 - 0.0062	0.0033 - 0.0039
	13-Dec-13	Normal	<1	<2	<1	234	<0.05	286	<5	<0.5	0.404	<5	96.5	<0.2	0.082	0.082	<0.05	8.04	0.007	0.0037
	15-Dec-13	Normal	<1	<2	<1	234	<0.05	286	<5	<0.5	0.404	<5	97.4	<0.2	0.078	0.078	<0.05	8.08	0.0056	0.0032
	16-Dec-13	Normal	<1	<2	<1	234	<0.05	285	<5	<0.5	0.417	<5	94	<0.2	0.089	0.089	<0.05	8.16	0.0059	0.0036
	17-Dec-13	Normal	<1	<2	<1	234	<0.05	286	<5	<0.5	0.405	<5	94.9	<0.2	0.082	0.082	<0.05	8.15	0.0054	0.003
	18-Dec-13	Normal	<1	<2	<1	227 - 235	<0.05	277 - 287	<5	<0.5	0.385 - 0.409	<5	94.7 - 103	<0.2	0.076 - 0.087	0.076 - 0.087	<0.05	8.07 - 8.12	0.0057 - 0.0059	0.0032
	20-Dec-13	Normal	<1	2.7	<1	238	<0.05	291	<5	<0.5	0.421	<5	104	<0.2	0.083	0.083	<0.05	8.25	0.0062	0.0034
	21-Dec-13	Normal	<1	<2	<1	232	<0.05	284	<5	0.55	0.416	<5	103	<0.2	0.078	0.078	<0.05	8.06	0.0064	0.0037
	22-Dec-13	Normal	<1	<2	<1	230	<0.05	281	<5	<0.5	0.405	<5	107	<0.2	0.094	0.094	<0.05	8.25	0.006	0.0029
	23-Dec-13	Normal	<1	<2	<1	228	<0.05	278	<5	<0.5	0.424	<5	105	<0.2	0.078	0.078	<0.05	7.98	0.0072	0.0044
	30-Dec-13	Normal	<1	<2	<1	223	<0.05	272	<5	<0.5	0.419	<5	101	<0.2	0.082	0.082	<0.05	7.94	0.0055	0.0034
		Field Duplicate	<1	<2	<1	224	<0.05	273	<5	<0.5	0.423	<5	98.3	<0.2	0.08	0.08	<0.05	7.95	0.006	0.0034

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	Cyanides														
	Sulphate	Sulphide	Hardness as CaCO3	Total Dissolved Solids	Cyanide Total	Aluminium (Filtered)	Antimony (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Bismuth (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.5	0.002			0.005	0.001	0.0001	0.0001	0.00005	0.0005	0.00005	0.01	0.00001	0.02	0.0001

Location	Date	Sample Type	3.11 - 3.12	<0.002	220 - 232	227 - 239	<0.005	0.0016 - 0.0018	<0.0001	0.00024 - 0.00026	0.0658 - 0.0664	<0.0005	<0.00005	<0.01	<0.00001	63.4 - 68.1	<0.0001
	07-Dec-13	Normal	3.11 - 3.12	<0.002	220 - 232	227 - 239	<0.005	0.0016 - 0.0018	<0.0001	0.00024 - 0.00026	0.0658 - 0.0664	<0.0005	<0.00005	<0.01	<0.00001	63.4 - 68.1	<0.0001
	08-Dec-13	Normal	3.19 - 3.22	<0.002	224 - 232	232 - 237	<0.005	0.0018 - 0.0027	<0.0001	0.00027	0.0678 - 0.0692	<0.0005	<0.00005	<0.01	<0.00001	63.7 - 67	<0.0001
	09-Dec-13	Normal	3.18	<0.002	225 - 227	229 - 232	<0.005	0.002 - 0.0022	<0.0001	0.00024 - 0.00039	0.0705 - 0.0715	<0.0005	<0.00005	<0.01	<0.00001	64 - 64.2	<0.0001
	10-Dec-13	Normal	3.03 - 3.1	<0.002	224 - 231	230 - 233	<0.005	0.0017 - 0.0021	<0.0001	0.00027	0.0682 - 0.0683	<0.0005	<0.00005	<0.01	<0.00001	64.9 - 67.1	<0.0001
	11-Dec-13	Normal	3.03 - 3.05	<0.002	219	224 - 226	<0.005	0.0023	<0.0001	0.00035 - 0.00045	0.0677 - 0.0697	<0.0005	<0.00005	<0.01	<0.00001	64 - 64.1	<0.0001 - 0.0001
	12-Dec-13	Normal	3.13 - 3.33	<0.002	220 - 222	226 - 227	<0.005	0.002 - 0.0022	<0.0001	0.00024 - 0.00025	0.0676 - 0.068	<0.0005	<0.00005	<0.01	<0.00001	63.3 - 64.2	<0.0001
	13-Dec-13	Normal	3.05	<0.002	218	227	<0.005	0.0044	<0.0001	0.00025	0.0657	<0.0005	<0.00005	<0.01	<0.00001	62.2	<0.0001
	15-Dec-13	Normal	2.99	<0.002	220	229	<0.005	0.0023	<0.0001	0.00023	0.0669	<0.0005	<0.00005	<0.01	<0.00001	65.3	<0.0001
	16-Dec-13	Normal	3.24	<0.002	212	224	<0.005	0.0018	<0.0001	0.00025	0.0692	<0.0005	<0.00005	<0.01	<0.00001	59.3	<0.0001
	17-Dec-13	Normal	3.21	<0.002	214	225	<0.005	0.0018	<0.0001	0.00025	0.0642	<0.0005	<0.00005	<0.01	<0.00001	60.1	<0.0001
	18-Dec-13	Normal	3.03 - 3.29	<0.002	215 - 225	225 - 226	<0.005	0.0018 - 0.0023	<0.0001	0.00026 - 0.00085	0.0638 - 0.0705	<0.0005	<0.00005	<0.01	<0.00001	61.4 - 62.2	<0.0001
	20-Dec-13	Normal	3.14	<0.002	240	237	<0.005	0.0018	<0.0001	0.00027	0.0753	<0.0005	<0.00005	<0.01	<0.00001	66.6	<0.0001
	21-Dec-13	Normal	3.14	<0.002	233	231	<0.005	0.002	<0.0001	0.00052	0.0751	<0.0005	<0.00005	<0.01	<0.00001	63.6	<0.0001
	22-Dec-13	Normal	3.35	<0.002	238	231	<0.005	0.0021	<0.0001	0.00026	0.073	<0.0005	<0.00005	<0.01	<0.00001	65.5	<0.0001
	23-Dec-13	Normal	3.16	<0.002	230	229	<0.005	0.0033	<0.0001	0.0003	0.0734	<0.0005	<0.00005	<0.01	<0.00001	67.1	<0.0001
	30-Dec-13	Normal	3.13	<0.002	217	221	<0.005	0.0018	<0.0001	0.00023	0.0648	<0.0005	<0.00005	<0.01	<0.00001	63	<0.0001
		Field Duplicate	3.02	<0.002	212	219	<0.005	0.0016	<0.0001	0.00025	0.0656	<0.0005	<0.00005	<0.01	<0.00001	60.9	<0.0001

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Dissolved Metals														
	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Lithium (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Phosphorus (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Silicon (Filtered)	Silver (Filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.0001	0.0001	0.01	0.00005	0.003	0.005	0.00005	0.00005	0.0001	0.3	0.05	0.0001	0.05	0.00001

Location	Date	Sample Type	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Lithium (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Molybdenum (Filtered)	Nickel (Filtered)	Phosphorus (Filtered)	Potassium (Filtered)	Selenium (Filtered)	Silicon (Filtered)	Silver (Filtered)
	07-Dec-13	Normal	<0.0001	0.00017 - 0.00028	0.032 - 0.042	<0.00005	<0.003	14.9 - 15	0.0163 - 0.0213	0.000482 - 0.0005	0.0003 - 0.00033	<0.3	0.7 - 0.72	<0.0001	5.13 - 5.2	<0.00001
	08-Dec-13	Normal	<0.0001	0.00025 - 0.00034	0.066 - 0.075	<0.00005	<0.003 - 0.0032	15.7	0.0346 - 0.0348	0.000466 - 0.000495	0.00031	<0.3	0.73	<0.0001	5.15 - 5.18	<0.00001
	09-Dec-13	Normal	<0.0001	0.00027 - 0.00034	0.03 - 0.038	<0.00005	0.0033 - 0.0035	15.9 - 16.2	0.0157 - 0.0173	0.00048 - 0.000492	0.00025 - 0.00027	<0.3	0.731 - 0.733	<0.0001 - 0.0001	5.15 - 5.27	<0.00001
	10-Dec-13	Normal	<0.0001	0.00025 - 0.00032	0.086 - 0.087	<0.00005	0.0031 - 0.0034	15 - 15.3	0.0321 - 0.0327	0.000499 - 0.000536	0.00027 - 0.00028	<0.3	0.73 - 0.756	<0.0001	5.29 - 5.3	<0.00001
	11-Dec-13	Normal	<0.0001	0.00016 - 0.00018	0.084 - 0.085	<0.00005	<0.003	14.4	0.0303 - 0.0307	0.000475 - 0.000493	0.00028 - 0.00034	<0.3	0.687 - 0.698	<0.0001 - 0.00011	5.05	<0.00001
	12-Dec-13	Normal	<0.0001	0.00012 - 0.00013	0.059 - 0.061	<0.00005	<0.003 - 0.003	14.9 - 15	0.0238 - 0.0251	0.000455 - 0.000466	0.00026 - 0.00029	<0.3	0.727 - 0.729	<0.0001	4.97 - 5.16	<0.00001
	13-Dec-13	Normal	<0.0001	0.00015	0.231	<0.00005	<0.003	15.3	0.0171	0.000439	0.00029	<0.3	0.66	<0.0001	5.06	<0.00001
	15-Dec-13	Normal	<0.0001	0.00022	0.06	<0.00005	<0.003	13.8	0.0263	0.000492	0.00028	<0.3	0.686	<0.0001	4.95	<0.00001
	16-Dec-13	Normal	<0.0001	0.00013	0.044	<0.00005	<0.003	15.5	0.0175	0.000454	0.00027	<0.3	0.67	<0.0001	4.7	<0.00001
	17-Dec-13	Normal	<0.0001	0.0001	0.059	<0.00005	<0.003	15.6	0.0259	0.000417	0.00026	<0.3	0.636	<0.0001	5.16	<0.00001
	18-Dec-13	Normal	<0.0001	0.00019 - 0.00021	0.023 - 0.057	<0.00005	<0.003	14.5 - 17.5	0.00797 - 0.0255	0.000477 - 0.0005	0.00027 - 0.00032	<0.3	0.696 - 0.75	<0.0001	4.93 - 5.62	<0.00001
	20-Dec-13	Normal	<0.0001	0.00018	0.027	<0.00005	0.0031	17.8	0.0178	0.000491	0.0003	<0.3	0.75	<0.0001	5.58	<0.00001
	21-Dec-13	Normal	<0.0001	0.00011	0.039	<0.00005	<0.003	17.9	0.0203	0.000452	0.00029	<0.3	0.75	<0.0001	5.84	<0.00001
	22-Dec-13	Normal	<0.0001	0.00012	0.035	<0.00005	<0.003	18.1	0.0216	0.000461	0.00031	<0.3	0.74	<0.0001	5.73	<0.00001
	23-Dec-13	Normal	<0.0001	0.00022	0.157	<0.00005	0.003	15.2	0.0197	0.000518	0.0003	<0.3	0.75	<0.0001	5.7	<0.00001
	30-Dec-13	Normal	<0.0001	0.0001	0.042	<0.00005	0.0033	14.5	0.0233	0.000434	0.00025	<0.3	0.71	<0.0001	4.85	0.000034
		Field Duplicate	<0.0001	0.00011	0.042	<0.00005	<0.003	14.5	0.0235	0.000442	0.00024	<0.3	0.69	<0.0001	4.77	0.000017

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	Inorganic / Inorganic Ca								Organic Parameters			Physical Tests				
	Sodium (Filtered)	Strontium (Filtered)	Thallium (Filtered)	Tin (Filtered)	Titanium (Filtered)	Uranium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)	Dissolved Organic Carbon (Filtered)	TOC	Naphthenic Acid	Colour	Total Dissolved Solids (Filtered)	Total Suspended Solids	Turbidity	Benzo[b+]]fluoranthene
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Colour units	mg/L	mg/L	NTU	µg/L
MDL	0.05	0.0001	0.00005	0.0001	0.0003	0.00001	0.0001	0.001	1	1	1	2	10	3	0.1	0.01

Location Date Sample Type

	07-Dec-13	Normal	5.1 - 5.2	0.298 - 0.304	<0.00005	<0.0001	<0.0003	0.000783 - 0.000818	<0.0001	<0.001 - 0.0072	4.6 - 4.7	4.5 - 4.6	<1	11.4 - 13.8	237 - 245	<3	2.18 - 2.26	<0.01
	08-Dec-13	Normal	5.1	0.302 - 0.318	<0.00005	<0.0001	<0.0003	0.000754 - 0.000795	<0.0001	<0.001	4.1	4.1	<1	15.9 - 16.6	263 - 266	<3	2.21 - 2.3	<0.01
	09-Dec-13	Normal	5.34 - 5.37	0.309 - 0.316	<0.00005	<0.0001	<0.0003	0.000777 - 0.000778	<0.0001	0.0012 - 0.0028	4.5 - 4.6	4.4	<1	12.4 - 12.5	257 - 260	<3	1.88 - 2.03	<0.01
	10-Dec-13	Normal	4.9 - 5.02	0.295 - 0.308	<0.00005	<0.0001	<0.0003	0.000792 - 0.0008	<0.0001	<0.001	3.7 - 3.8	3.7	<1	12.7 - 13	240 - 244	<3	1.76 - 1.81	<0.01
	11-Dec-13	Normal	5.03 - 5.05	0.292 - 0.294	<0.00005	<0.0001	<0.0003	0.000725 - 0.000731	<0.0001	<0.001	4 - 4.2	3.9	<1	12.4 - 15.2	237 - 242	<3	1.84 - 1.89	<0.01
	12-Dec-13	Normal	4.92 - 4.95	0.295 - 0.301	<0.00005	<0.0001	<0.0003	0.000774 - 0.000791	<0.0001	<0.001	4 - 4.1	3.8	<1	14.2 - 14.4	241 - 250	<3	1.72 - 1.89	<0.01
	13-Dec-13	Normal	4.8	0.283	<0.00005	<0.0001	<0.0003	0.000683	<0.0001	<0.001	4.4	4.2	<1	8	242	<3	1.79	<0.01
	15-Dec-13	Normal	5.06	0.285	<0.00005	<0.0001	<0.0003	0.000783	<0.0001	<0.001	4.6	4.3	<1	15.2	224	<3	1.81	<0.01
	16-Dec-13	Normal	4.8	0.269	<0.00005	<0.0001	<0.0003	0.000712	<0.0001	0.0035	4.1	4	<1	11.8	253	<3	1.93	<0.01
	17-Dec-13	Normal	5.01	0.266	<0.00005	<0.0001	<0.0003	0.000685	<0.0001	<0.001	4.3	4.4	<1	12.9	241	<3	1.94	<0.01
	18-Dec-13	Normal	4.73 - 5.1	0.291 - 0.306	<0.00005	<0.0001	<0.0003	0.000746 - 0.000796	<0.0001	<0.001	4.2 - 4.5	4.1 - 4.2	<1	13.1 - 13.9	237 - 246	<3	2.05 - 2.16	<0.01
	20-Dec-13	Normal	5.4	0.296	<0.00005	<0.0001	<0.0003	0.000786	<0.0001	<0.001	4.2	4.1	<1	12.3	243	<3	2.13	<0.01
	21-Dec-13	Normal	5.4	0.285	<0.00005	<0.0001	<0.0003	0.000779	<0.0001	<0.001	4.3	4.1	<1	12.1	253	<3	2.03	<0.01
	22-Dec-13	Normal	5.3	0.305	<0.00005	<0.0001	<0.0003	0.000752	<0.0001	<0.001	4.3	4.3	<1	14.1	239	<3	2.35	<0.01
	23-Dec-13	Normal	5.3	0.313	<0.00005	<0.0001	<0.0003	0.000764	<0.0001	<0.001	4.4	4.2	<1	14.4	251	<3	1.98	<0.01
	30-Dec-13	Normal	5.1	0.286	<0.00005	<0.0001	<0.0003	0.000772	<0.0001	<0.001	4.36	4.172	<1	11.8	251	<3	2.33	<0.01
		Field Duplicate	5	0.287	<0.00005	<0.0001	<0.0003	0.000777	<0.0001	<0.001	4.4	4.205	<1	11.8	249	<3	1.83	<0.01

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	Indeno(1,2,3-c,d)pyrene	Naphthalene	Perylene	Phenanthrene	Pyrene	Quinoline	Retene	C2 Benzofluoranthenes/Benzopyrenes	C2 Biphenyls	C2 Dibenzothiophenes	C2 Fluoranthenes/Pyrenes	C2 Naphthalenes	C2 Phenanthrenes/Anthracenes	C2 Fluorenes	C2 subd B(a)Anthracenes/Chrysenes	C3 Benzantracenes/Chrysenes	C3 Dibenzothiophenes	C3 Fluoranthenes/Pyrenes	C3 Fluorenes	C3 Naphthalenes	C3 Phenanthrenes/Anthracenes	Aluminium	Antimony	Arsenic	Barium
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/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	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L
MDL	0.01	0.05	0.01	0.01	0.01	0.01	0.01	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.003	0.0001	0.0001	0.00005

Location	Date	Sample Type	Indeno(1,2,3-c,d)pyrene	Naphthalene	Perylene	Phenanthrene	Pyrene	Quinoline	Retene	C2 Benzofluoranthenes/Benzopyrenes	C2 Biphenyls	C2 Dibenzothiophenes	C2 Fluoranthenes/Pyrenes	C2 Naphthalenes	C2 Phenanthrenes/Anthracenes	C2 Fluorenes	C2 subd B(a)Anthracenes/Chrysenes	C3 Benzantracenes/Chrysenes	C3 Dibenzothiophenes	C3 Fluoranthenes/Pyrenes	C3 Fluorenes	C3 Naphthalenes	C3 Phenanthrenes/Anthracenes	Aluminium	Antimony	Arsenic	Barium
	07-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0146 - 0.0163	<0.0001	0.00042 - 0.00043	0.0667 - 0.0693
	08-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0067 - 0.0084	<0.0001 - 0.0001	0.00038 - 0.00041	0.0725 - 0.0738
	09-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0066 - 0.0067	<0.0001	0.00037 - 0.00038	0.0709 - 0.0718
	10-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0113 - 0.0144	<0.0001	0.00037 - 0.00038	0.0713 - 0.0724
	11-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0084 - 0.0088	<0.0001	0.00041 - 0.0005	0.0662 - 0.0687
	12-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0072 - 0.008	<0.0001	0.00033 - 0.00056	0.0632 - 0.0702
	13-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0102	<0.0001	0.00037	0.0696
	15-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0079	<0.0001	0.00036	0.0638
	16-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0076	<0.0001	0.0004	0.0709
	17-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0088	<0.0001	0.00037	0.0706
	18-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0075 - 0.0098	<0.0001	0.00037 - 0.00039	0.0669 - 0.0734
	20-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0072	<0.0001	0.00035	0.0667
	21-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0076	<0.0001	0.00036	0.066
	22-Dec-13	Normal	<0.01	<0.05	<0.01	0.011	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0144	<0.0001	0.00037	0.0661
	23-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0084	<0.0001	0.00036	0.066
	30-Dec-13	Normal	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0085	<0.0001	0.00035	0.0686
		Field Duplicate	<0.01	<0.05	<0.01	0.011	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.0085	<0.0001	0.00035	0.0679

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	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese	Total Metals
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	0.0005	0.00005	0.01	0.00001	0.02	0.0001	0.0001	0.0001	0.01	0.00005	0.005	0.005	0.00005	

Location	Date	Sample Type	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium	Manganese
	07-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	63.5 - 67.9	<0.0001	<0.0001	0.00027 - 0.0005	0.459 - 0.479	<0.00005	<0.005	15.3 - 16.3	0.0454 - 0.0551
	08-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	69.5 - 70.5	<0.0001	<0.0001	0.0004 - 0.00052	0.402 - 0.416	<0.00005	<0.005	15.1 - 16	0.0386 - 0.0392
	09-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	67.9 - 68.4	<0.0001	<0.0001	0.00035 - 0.00039	0.352 - 0.373	<0.00005	<0.005	15.4 - 15.5	0.0355 - 0.0374
	10-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	63.6 - 64.4	<0.0001	<0.0001	0.0004 - 0.00126	0.353 - 0.362	<0.00005 - 0.000073	<0.005	14.3 - 14.6	0.035 - 0.0365
	11-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	62.1 - 63	<0.0001	<0.0001	0.00018 - 0.00019	0.361 - 0.365	<0.00005	<0.005	14.9 - 15.3	0.0349 - 0.0352
	12-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	64.5 - 68.5	<0.0001	<0.0001	0.00013 - 0.00019	0.346	<0.00005	<0.005	14.2 - 15.2	0.0311 - 0.0319
	13-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	69.1	<0.0001	<0.0001	0.00027	0.355	<0.00005	<0.005	15.4	0.0323
	15-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	59.7	<0.0001	<0.0001	0.00022	0.353	<0.00005	<0.005	13.6	0.0305
	16-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	64.2	<0.0001	<0.0001	0.00017	0.364	<0.00005	<0.005	16	0.0308
	17-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	63.8	<0.0001	<0.0001	0.0002	0.375	<0.00005	<0.005	15.9	0.0317
	18-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	63.5 - 66.6	<0.0001	<0.0001	0.00021 - 0.00064	0.368 - 0.406	<0.00005	<0.005	16.6 - 17.8	0.0313 - 0.033
	20-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	66.6	<0.0001	<0.0001	0.00027	0.393	<0.00005	<0.005	17	0.0316
	21-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	66.8	<0.0001	<0.0001	0.00015	0.348	<0.00005	<0.005	17.1	0.0317
	22-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	63.9	<0.0001	<0.0001	0.00013	0.359	<0.00005	<0.005	15.6	0.0302
	23-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	65.5	<0.0001	<0.0001	0.00011	0.377	<0.00005	<0.005	14.8	0.0315
	30-Dec-13	Normal	<0.0005	<0.00005	<0.01	<0.00001	63.5	<0.0001	<0.0001	0.00021	0.385	<0.00005	<0.005	15.7	0.0312
		Field Duplicate	<0.0005	<0.00005	<0.01	<0.00001	60.2	<0.0001	<0.0001	0.00014	0.367	<0.00005	<0.005	15.3	0.0309

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	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MDL	5.0E-7	0.00005	0.0001	0.3	0.05	0.0001	0.05	0.00001	0.05	0.0001	0.00005	0.0001	0.0003

Location	Date	Sample Type	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium
	07-Dec-13	Normal	<5.0E-7	0.000439 - 0.000504	0.00032 - 0.00036	<0.3	0.739	0.0001 - 0.00012	4.46 - 5.41	<0.00001	5.23 - 5.42	0.296 - 0.313	<0.00005	<0.0001	0.00034 - 0.00055
	08-Dec-13	Normal	<5.0E-7	0.000518 - 0.000553	0.0003 - 0.00031	<0.3	0.716 - 0.736	<0.0001	5.39 - 5.52	<0.00001	5.15 - 5.29	0.323 - 0.326	<0.00005	<0.0001	<0.0003
	09-Dec-13	Normal	<5.0E-7	0.000513 - 0.000537	0.00029 - 0.00031	<0.3	0.733 - 0.737	<0.0001	5.18 - 5.28	<0.00001	5.09 - 5.27	0.31 - 0.316	<0.00005	<0.0001	<0.0003 - 0.00334
	10-Dec-13	Normal	-	0.00049 - 0.000506	0.00028 - 0.0003	<0.3	0.705 - 0.71	<0.0001	4.91 - 5.11	<0.00001	5.06 - 5.25	0.3 - 0.308	<0.00005	<0.0001	<0.0003 - 0.00032
	11-Dec-13	Normal	5.8E-7 - 6.1E-7	0.000464 - 0.000478	0.00027 - 0.00033	<0.3	0.711 - 0.724	<0.0001	4.94 - 4.98	<0.00001	5.03 - 5.13	0.279 - 0.282	<0.00005	<0.0001	<0.0003
	12-Dec-13	Normal	<5.0E-7	0.000432 - 0.000506	0.00026 - 0.00027	<0.3	0.655 - 0.683	<0.0001	4.68 - 4.97	<0.00001	4.85 - 4.97	0.289 - 0.306	<0.00005	<0.0001	<0.0003
	13-Dec-13	Normal	<5.0E-7	0.000429	0.00029	<0.3	0.679	<0.0001	4.73	<0.00001	5.01	0.306	<0.00005	<0.0001	0.00035
	15-Dec-13	Normal	5.6E-7	0.000478	0.00025	<0.3	0.634	<0.0001	4.62	<0.00001	4.61	0.283	<0.00005	<0.0001	<0.0003
	16-Dec-13	Normal	<5.0E-7	0.000473	0.00029	<0.3	0.677	<0.0001	4.68	<0.00001	5.09	0.294	<0.00005	<0.0001	<0.0003
	17-Dec-13	Normal	0.00000109	0.000478	0.00029	<0.3	0.68	<0.0001	4.97	<0.00001	5.06	0.287	<0.00005	<0.0001	<0.0003
	18-Dec-13	Normal	<5.0E-7 - 6.9E-7	0.000456 - 0.000482	0.00029 - 0.00033	<0.3	0.7 - 0.702	<0.0001 - 0.0001	5.15 - 5.22	<0.00001	5.59 - 5.6	0.284 - 0.297	<0.00005	<0.0001	<0.0003
	20-Dec-13	Normal	<5.0E-7	0.000476	0.00027	<0.3	0.67	<0.0001	5.08	<0.00001	5.24	0.304	<0.00005	<0.0001	0.00275
	21-Dec-13	Normal	<7.0E-7	0.000391	0.00025	<0.3	0.674	0.0001	5.16	<0.00001	5.3	0.298	<0.00005	<0.0001	<0.0003
	22-Dec-13	Normal	<0.0000011	0.000419	0.00037	<0.3	0.676	0.0001	5.16	<0.00001	4.52	0.279	<0.00005	<0.0001	0.00037
	23-Dec-13	Normal	<5.0E-7	0.000505	0.00026	<0.3	0.689	<0.0001	5.19	<0.00001	4.78	0.298	<0.00005	<0.0001	<0.0003
	30-Dec-13	Normal	<5.0E-7	0.000489	0.00028	<0.3	0.665	0.0001	4.99	<0.00001	5.24	0.303	<0.00005	<0.0001	<0.0003
		Field Duplicate	<5.0E-7	0.000424	0.00026	<0.3	0.704	<0.0001	5.09	<0.00001	4.74	0.272	<0.00005	<0.0001	<0.0003

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	Volatile Organic Compounds																													
	Uranium	Vanadium	Zinc	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3-dichlorobenzene	1,4-dichlorobenzene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Acrolein	Acrylonitrile	Benzene	Toluene	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane
	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L
MDL	0.00001	0.0001	0.003	0.001	20	2	0.001	0.001	5	1	1	2	2	1	1	0.1	10	0.01	0.1	100	100	0.001	0.001	1	3	10	0.001	1	1	3

Location	Date	Sample Type	Uranium	Vanadium	Zinc	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,2,3-trichloropropane	1,2-dibromoethane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3-dichlorobenzene	1,4-dichlorobenzene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Acrolein	Acrylonitrile	Benzene	Toluene	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chlorodibromomethane
	07-Dec-13	Normal	0.000738 - 0.000825	0.00015 - 0.00026	0.0202 - 0.0408	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	08-Dec-13	Normal	0.000814 - 0.000834	0.00022 - 0.00024	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	09-Dec-13	Normal	0.000827 - 0.000829	0.00023 - 0.00024	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	10-Dec-13	Normal	0.000746 - 0.000775	0.00021 - 0.00024	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	11-Dec-13	Normal	0.000733 - 0.000755	0.00031 - 0.00032	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	12-Dec-13	Normal	0.000738 - 0.000749	0.00013 - 0.00028	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	13-Dec-13	Normal	0.000735	0.00015	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	15-Dec-13	Normal	0.000772	0.00028	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	16-Dec-13	Normal	0.000728	0.00024	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	17-Dec-13	Normal	0.000704	0.00027	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	18-Dec-13	Normal	0.000684 - 0.000734	0.00022 - 0.00026	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	20-Dec-13	Normal	0.000692	0.00021	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	21-Dec-13	Normal	0.000687	0.00011	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	22-Dec-13	Normal	0.000832	0.00015	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	23-Dec-13	Normal	0.000883	0.00014	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
	30-Dec-13	Normal	0.000735	0.00019	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3
		Field Duplicate	0.000805	0.00014	<0.003	<0.001	<20	<2	<0.001	<0.001	<5	<1	<1	<2	<2	<1	<1	<0.1	<10	<0.01	<0.1	<100	<100	<0.001	<0.001	<1	<3	<10	<0.001	<1	<1	<3

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	Limits																							
	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	cis-1,4-Dichloro-2-butene	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Ethanol	Ethyl methacrylate	Ethylbenzene	Xylene (m & p)	Xylene (o)	Iodomethane	Styrene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	trans-1,4-Dichloro-2-butene	Trichlorofluoromethane	Vinyl acetate	Vinyl chloride
MDL	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
	0.01	1	10	1	1	10	3	3	1	0.3	10	0.001	0.001	0.001	1	1	0.001	1	1	1	10	1	100	0.002

Location	Date	Sample Type	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	cis-1,4-Dichloro-2-butene	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Ethanol	Ethyl methacrylate	Ethylbenzene	Xylene (m & p)	Xylene (o)	Iodomethane	Styrene	Trichloroethene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	trans-1,4-Dichloro-2-butene	Trichlorofluoromethane	Vinyl acetate	Vinyl chloride
	07-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	08-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	09-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	10-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	11-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	12-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	13-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	15-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	16-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	17-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	18-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	20-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	21-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	22-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	23-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
	30-Dec-13	Normal	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002
		Field Duplicate	<0.01	<1	<10	<1	<1	<10	<3	<3	<1	<0.3	<10	<0.001	<0.001	<0.001	<1	<1	<0.001	<1	<1	<1	<10	<1	<100	<0.002