



Mount Polley Mining Corporation

an Imperial Metals company

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February 5, 2016

2015 Fourth Quarter Report for Post-TSF Breach Monitoring – Cover Memorandum

Under the Amended Pollution Abatement Order 107461, issued to Mount Polley Mining Corporation (MPMC) by the BC Ministry of Environment (MoE) following a failure of the Mount Polley Mine Tailings Storage Facility on August 4, 2014, MPMC is required to provide quarterly data reports to MoE.

This quarterly report includes data collected in the fourth quarter of 2015 (October - December) under the “2015 Post-TSF Breach Monitoring Plan”, which was submitted to and approved by MoE in the first quarter of 2015. It is important to note that only raw data are presented in this report. MPMC has made this information public in an effort to continue open and transparent communication; however, it is recommended that data interpretation only be completed by Qualified Professionals.

A [Post-Event Environmental Impact Assessment Report](#) (PEEIAR) was submitted to MoE on June 6, 2015 containing interpreted data and detailing preliminary findings from environmental monitoring results following the tailings dam failure. The scope of the PEEIAR included chemical, physical and biological impacts. Interpretation of the data presented in this report, in addition to other data collected since submission of the PEEIAR, will be provided in a Progress Report to MoE, which is due December 31, 2015.

Additional information on activities related to the tailings dam failure response, including rehabilitation work and environmental monitoring, is available on the Imperial Metals Corporation [Mount Polley Updates](#) webpage.

Please direct any questions to inquiries@imperialmetals.com.



Mount Polley Mining Corporation

IMPERIAL METALS CORPORATION

February 5, 2016

Via Email: Hubert Bunce
A/Director, Mount Polley
BC Ministry of Environment
Environmental Protection, Regional Operations

RE: Fourth Quarter 2015 Report for Post TSF-Breach Monitoring Plan

Mount Polley Mining Corporation (MPMC) is pleased to present this fourth quarter Post TSF-Breach Monitoring report for 2015 as required under Pollution Abatement Order 107461, May 27, 2015. Water monitoring was conducted throughout this time period as specified in the *2015 Post TSF- Breach Monitoring Plan*. Sampling events are outlined in Table 1.

With regard to the *2015 Post TSF-Breach Monitoring Plan* the following items should be noted:

- Hydrological monitoring was conducted at four stations (Upper Hazeltine (H1), Lower Hazeltine (H2), Lower Edney (H3), and Polley Lake Weir (H4)).
- Climate data including temperature, wind direction, rainfall, wind speed, and snowpack were collected. Solar radiation and relative humidity data were also collected to allow for calculation of evaporation rates. These data will be reported in the 2015 Annual Report.
- There were 68 surface water quality sampling events and 67 profile monitoring events. Note that the samples sites HAC-12, QUL-57, QUL-58, and QUL-59 are included in both this report and the *2015 Fourth Quarter Report for Permit 11678*.
- Quality assurance monitoring incorporates all water quality samples taken, including Permit 11678 sites. These data are reported in the *2015 Fourth Quarter Report for Permit 11678*.
- For water balance information, refer to the *2015 Fourth Quarter Report for Permit 11678*.

This report includes the following sections for water quality:

- Appendix 1: Water quality chemical analysis
- Appendix 2: In-situ data
- Appendix 3: Hydrology results

Table 1: Sampling events in the fourth quarter 2015

Site Name	BC EMS Code	Full Sample Suite Frequency	Required Samples	Completed Samples	Required Profiles	Completed Profiles
HAC-01c	E303953	Weekly ¹	2	2	-	-
HAC-05	E303012	Monthly ²	1	1	-	-
HAC-05a	E304510	Monthly ³	2	2	-	-
HAC-08	E303013	Monthly	3	3	-	-
HAC-10	E303010	Monthly	3	3	-	-
HAC-12	E304351	Weekly ⁴	6	10	-	-
EDC-01	E303014	Monthly ⁵	6	6	-	-
QUL-54	E303016	Profile Only ^{6,7}	-	-	3	3
QUL-55	E303017	Weekly	3	3	3	3
QUL-56	E303018	Profile Only ^{6,7}	-	-	3	3
QUL-54a	E303950	Profile Only ^{6,8}	-	-	2	2
QUL-55a	E303951	Weekly	2	2	2	2
QUL-56a	E303952	Profile Only ^{6,8}	-	-	2	2
QUL-57	E304874	Weekly/Monthly ^{9,10}	2	3	2	5
QUL-58	E304876	Weekly/Monthly ^{9,10}	2	7	2	8
QUL-59	E304875	Weekly/Monthly ^{9,10}	2	4	2	6
QUL-18	E303019	Bi-Monthly/Twice ^{11,12}	3	3	5	5
QUL-2a	E303020	Bi-Monthly/Twice ^{11,12}	3	3	5	5
QUL-40a	E303021	Monthly ¹³	2	2	2	2
QUL-120a	E303022	Monthly ¹³	2	2	2	2
QUL-21a	E303023	Bi-Monthly Profile ¹³	-	-	3	3
QUL-66a	E303024	Bi-Monthly Profile ¹³	-	-	3	4
QUL-79	E303025	Bi-Monthly Profile ¹³	-	-	3	4
QUR-1	E303026	Bi-Monthly	8	8	-	-
P1	E207974	Bi-Monthly/Monthly ¹¹	2	2	4	4
P2	E207975	Bi-Monthly/Monthly ¹¹	2	2	4	4

¹ Discontinued October 5, 2015 after Hazeltine Creek diverted into Edney Creek

² Replaced by HAC-05a on November 9, 2015

³ Established November 9, 2015

⁴ Established November 2, 2015; monthly if not discharging

⁵ Weekly when Hazeltine Creek was diverted into Edney Creek

⁶ Only sample if in-situ parameters are different than QUL-55/QUL-55a, profile weekly

⁷ Re-established October 15, 2015; discontinued November 5, 2015

⁸ Discontinued October 15, 2015

⁹ Weekly between spring and fall overturn; monthly during winter when discharging

¹⁰ Established November 5, 2015

¹¹ Bi-monthly profiles, monthly sampling between spring and fall overturn

¹² Twice during winter

¹³ Between spring and fall overturn

Sincerely,

A handwritten signature in black ink, appearing to read 'CHG', is positioned below the word 'Sincerely,'.

Colleen Hughes, EP
Environmental Coordinator
Mount Polley Mining Corporation
250-790-2617

Appendix 1

Monitoring data report for: Edney Creek



Mount Polley
Mining Corporation
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This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
EDC-01	01/10/15	393	200	8.27	239	<3.0	0.51	196
	15/10/15	426	217	8.41	292	<3.0	0.63	199
	20/10/15	392	205	8.32	266	10.1	10.4	190
	26/10/15	436	217	8.32	262	6.2	2.52	201
	05/11/15	262	128	8.24	178	<3.0	0.95	125
	03/12/15	323	163	8.1	213	<3.0	1.51	134

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		Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)
EDC-01	01/10/15	<0.0050	1.95	0.125	<0.0050	<0.0051	<0.0010	0.0013
	15/10/15	<0.0050	1.73	0.129	0.0121	0.0121	<0.0010	<0.0010
	20/10/15	<0.0050	1.71	0.127	0.0317	0.0317	<0.0010	0.0014
	26/10/15	<0.0050	1.6	0.126	0.0082	0.0082	<0.0010	0.0027
	05/11/15	<0.0050	0.94	0.08	0.51	0.51	<0.0010	0.0011
	03/12/15	<0.0050	1.68	0.087	0.202	0.202	<0.0010	0.007

Monitoring data report for: Edney Creek



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		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)
EDC-01	01/10/15	0.0024	0.0032	23.1	0.163	5.04	0.0292	0.00011
	15/10/15	0.0038	0.0031	45.1	0.146	4.53	0.0418	<0.00010
	20/10/15	0.0035	0.0157	42.1	0.181	4.96	0.52	<0.00010
	26/10/15	0.0029	0.0119	40.8	0.132	4.14	0.273	<0.00010
	05/11/15	0.007	0.0077	14.7	0.897	11.7	0.045	<0.00010
	03/12/15	0.0099	0.0128	27.1	0.455	8.44	0.0669	<0.00010

Monitoring data report for: Edney Creek



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		Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)
EDC-01	01/10/15	0.0018	0.0332	<0.00010	<0.000050	0.03	0.0000076	51.9
	15/10/15	0.00168	0.0378	<0.00010	<0.000050	0.032	0.0000114	59.3
	20/10/15	0.00197	0.0396	<0.00010	<0.000050	0.03	0.0000164	54.8
	26/10/15	0.00181	0.0391	<0.00010	<0.000050	0.035	0.0000172	62.2
	05/11/15	0.00137	0.0206	<0.00010	<0.000050	0.016	0.0000073	33.3
	03/12/15	0.00162	0.0277	<0.00010	<0.000050	0.024	0.0000069	43.6

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		Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)	Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)
EDC-01	01/10/15	<0.00050	<0.00010	0.00537	0.038	<0.000050	0.0017	17.3
	15/10/15	<0.00050	<0.00010	0.00841	0.054	<0.000050	0.0017	15.3
	20/10/15	0.00096	0.00044	0.0139	0.682	0.000234	0.0021	15.6
	26/10/15	0.00062	0.00028	0.0112	0.303	0.000115	0.0017	16.5
	05/11/15	<0.00050	<0.00010	0.00418	0.1	<0.000050	<0.0010	10.2
	03/12/15	<0.00050	<0.00010	0.00564	0.107	<0.000050	0.0012	13

Monitoring data report for: Edney Creek



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		Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)	Silver (Ag)-Total (mg/L)
EDC-01	01/10/15	0.0136	0.00391	0.00054	1.47	0.000245	5.71	<0.000010
	15/10/15	0.0792	0.00763	0.00065	1.49	0.000717	5.6	<0.000010
	20/10/15	0.0817	0.00712	0.0013	1.53	0.000944	6.57	<0.000010
	26/10/15	0.103	0.00706	0.00079	1.46	0.000684	6.16	<0.000010
	05/11/15	0.00919	0.00129	0.00075	0.966	0.000161	4.25	<0.000010
	03/12/15	0.0141	0.00411	0.00079	1.1	0.000798	4.71	<0.000010

Monitoring data report for: Edney Creek



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		Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)	Vanadium (V)-Total (mg/L)
EDC-01	01/10/15	12.9	0.395	<0.000010	<0.00010	<0.010	0.000693	0.00071
	15/10/15	13.8	0.483	<0.000010	<0.00010	<0.010	0.00125	0.00093
	20/10/15	13.2	0.455	<0.000010	<0.00010	0.028	0.00108	0.00214
	26/10/15	13.3	0.499	<0.000010	<0.00010	0.016	0.00123	0.00216
	05/11/15	6.17	0.197	<0.000010	<0.00010	<0.010	0.000285	0.00058
	03/12/15	8.79	0.304	<0.000010	<0.00010	<0.010	0.000503	0.00057

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		Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)	Diss-Bismuth (Bi) (mg/L)
EDC-01	01/10/15	<0.0030	0.0058	<0.00010	0.00166	0.0357	<0.00010	<0.000050
	15/10/15	0.0032	0.0071	<0.00010	0.00165	0.0374	<0.00010	<0.000050
	20/10/15	0.0048	0.0058	<0.00010	0.0017	0.0348	<0.00010	<0.000050
	26/10/15	0.0035	0.0038	<0.00010	0.00161	0.0342	<0.00010	<0.000050
	05/11/15	<0.0030	0.0117	<0.00010	0.00134	0.0198	<0.00010	<0.000050
	03/12/15	<0.0030	0.0075	<0.00010	0.00152	0.0266	<0.00010	<0.000050

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		Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)	Diss-Iron (Fe) (mg/L)
EDC-01	01/10/15	0.028	0.0000051	52.7	<0.00050	<0.00010	0.00584	<0.030
	15/10/15	0.031	0.0000116	60.9	<0.00050	<0.00010	0.00756	<0.030
	20/10/15	0.027	0.0000088	56.1	<0.00050	<0.00010	0.00739	<0.030
	26/10/15	0.03	0.0000107	60.7	<0.00050	<0.00010	0.00619	<0.030
	05/11/15	0.017	0.0000056	34.3	<0.00050	<0.00010	0.00371	0.055
	03/12/15	0.019	<0.0000050	44.1	<0.00050	<0.00010	0.0046	0.033

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		Diss-Lead (Pb) (mg/L)	Diss-Lithium (Li) (mg/L)	Diss-Magnesium (Mg) (mg/L)	Diss-Manganese (Mn) (mg/L)	Diss-Molybdenum (Mo) (mg/L)	Diss-Nickel (Ni) (mg/L)	Diss-Potassium (K) (mg/L)
EDC-01	01/10/15	<0.000050	0.0011	16.6	0.0111	0.0043	0.00083	1.45
	15/10/15	<0.000050	0.0015	15.7	0.0762	0.00727	<0.00050	1.49
	20/10/15	<0.000050	0.0016	15.8	0.0645	0.00635	0.0005	1.45
	26/10/15	<0.000050	0.0015	15.9	0.0872	0.00608	<0.00050	1.38
	05/11/15	<0.000050	<0.0010	10.3	0.0073	0.00132	0.00077	1.01
	03/12/15	<0.000050	<0.0010	12.9	0.0111	0.0035	0.00063	1.06

Monitoring data report for: Edney Creek



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		Diss-Selenium (mg/L)	Diss-Silicon (Si) (mg/L)	Diss-Silver (Ag) (mg/L)	Diss-Sodium (Na) (mg/L)	Diss-Strontium (Sr) (mg/L)	Diss-Thallium (Tl) (mg/L)	Diss-Tin (Sn) (mg/L)
EDC-01	01/10/15	0.000318	5.5	<0.000010	12.5	0.387	<0.000010	<0.00010
	15/10/15	0.000736	5.57	<0.000010	13.9	0.48	<0.000010	<0.00010
	20/10/15	0.000886	5.61	<0.000010	13.4	0.436	<0.000010	<0.00010
	26/10/15	0.000542	5.43	<0.000010	13.1	0.462	<0.000010	<0.00010
	05/11/15	0.000151	4.3	<0.000010	6.48	0.197	<0.000010	<0.00010
	03/12/15	0.00079	4.58	<0.000010	8.65	0.294	<0.000010	<0.00010

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		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
EDC-01	01/10/15	<0.010	0.000716	0.00065	0.0039
	15/10/15	<0.010	0.00116	0.00083	<0.0030
	20/10/15	<0.010	0.00102	0.00072	<0.0030
	26/10/15	<0.010	0.0011	0.00066	<0.0030
	05/11/15	<0.010	0.000302	<0.00050	<0.0030
	03/12/15	<0.010	0.000474	<0.00050	<0.0030

Monitoring data report for: Hazeltine Creek



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This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
HAC-01c	01/10/15	430	208	8.28	266	<3.0	0.7	180
	05/10/15	417	209	8.32	271	15.3	2.76	174
HAC-05	01/10/15	358	178	8.7	228	<3.0	0.6	155
HAC-05a	09/11/15	358	167	8.25	244	4.5	3.39	124
	03/12/15	1200	564	7.81	865	9.7	3.83	82.1
HAC-08	01/10/15	414	200	8.41	263	<3.0	0.57	169
	09/11/15	398	191	8.32	275	10.2	3.99	132
	03/12/15	1070	500	7.98	772	499	24.2	91.8
HAC-10	01/10/15	290	132	8.09	187	<3.0	1.02	100
	09/11/15	297	136	8.14	204	<3.0	2.22	99.4
	03/12/15	303	146	7.9	184	<3.0	1.49	104
HAC-12	09/11/15	433	209	8.27	288	5.7	6.37	145
	12/11/15	383	172	8.31	250	<3.0	1.42	137
	17/11/15	368	178	8.16	245	3.9	2.04	135
	23/11/15	361	175	8.14	231	6.9	4.1	135
	30/11/15	377	189	8.07	264	4.3	2.97	143
	03/12/15	988	465	7.99	696	10.8	4.73	106
	07/12/15	972	448	7.95	630	<3.0	0.76	100
	15/12/15	1080	489	7.99	792	<3.0	1.18	95.3
	22/12/15	1100	508	8.03	810	3.9	2.06	106
	29/12/15	1070	485	7.92	751	4.4	1.59	106

Monitoring data report for: Hazeltine Creek



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		Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)
HAC-01c	01/10/15	<0.0050	1.57	0.141	0.0054	0.0054	<0.0010	<0.0010
	05/10/15	<0.0050	1.54	0.136	<0.0050	<0.0051	<0.0010	<0.0010
HAC-05	01/10/15	<0.0050	1.61	0.117	0.0058	0.0058	<0.0010	0.0011
HAC-05a	09/11/15	0.0082	1.68	0.106	0.17	0.171	0.0013	0.0044
	03/12/15	0.0438	29.9	0.22	6.53	6.56	0.0336	0.0015
HAC-08	01/10/15	<0.0050	1.56	0.147	0.0112	0.0112	<0.0010	0.0034
	09/11/15	<0.0050	1.73	0.122	0.217	0.217	<0.0010	<0.0010
	03/12/15	0.0248	24.5	0.18	5.51	5.53	0.0274	0.0028
HAC-10	01/10/15	<0.0050	1.37	0.091	<0.0050	<0.0051	<0.0010	<0.0010
	09/11/15	0.0055	1.37	0.092	0.0866	0.0866	<0.0010	0.0126
	03/12/15	<0.0050	1.4	0.081	0.0821	0.0821	<0.0010	0.0136
HAC-12	09/11/15	<0.0050	1.81	0.125	0.297	0.297	<0.0010	<0.0010
	12/11/15	<0.0050	1.54	0.111	0.151	0.151	<0.0010	0.0023
	17/11/15	<0.0050	1.46	0.106	0.119	0.119	<0.0010	0.0029
	23/11/15	<0.0050	1.45	0.109	0.0983	0.0983	<0.0010	0.0034
	30/11/15	<0.0050	1.46	0.114	0.108	0.108	<0.0010	0.0048
	03/12/15	0.0208	21.3	0.16	4.68	4.71	0.0238	0.0026
	07/12/15	0.0197	17.5	0.23	4.98	5.01	0.0276	0.0012
	15/12/15	0.0477	16.2	0.32	6.38	6.41	0.0373	0.0013
	22/12/15	0.0451	16.7	0.32	6.11	6.14	0.0317	<0.0010
	29/12/15	0.0556	15.3	0.33	5.55	5.59	0.0311	<0.0010

Monitoring data report for: Hazeltine Creek



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This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)
HAC-01c	01/10/15	0.0024	0.004	56.6	0.283	4.02	0.0872	0.00021
	05/10/15	<0.0020	0.0066	54.6	0.145	4	0.0918	<0.00020
HAC-05	01/10/15	0.0038	0.0038	42.4	0.257	4.82	0.0231	0.00016
HAC-05a	09/11/15	0.0072	0.0143	62.2	0.492	6.82	0.151	0.00013
	03/12/15	0.0033	0.0157	490	6.5	2.75	0.777	0.00071
HAC-08	01/10/15	0.0047	0.0047	54.8	0.159	3.8	0.0283	0.00018
	09/11/15	0.0028	0.0167	72.4	0.464	6.43	0.274	0.00014
	03/12/15	0.0047	0.95	415	5.49	2.84	5.55	0.0006
HAC-10	01/10/15	0.0059	0.007	48.1	0.347	5.85	0.0562	0.00016
	09/11/15	0.0151	0.019	48.2	0.408	6.14	0.0515	0.00015
	03/12/15	0.0186	0.0234	47.7	0.366	5.76	0.0712	0.00024
HAC-12	09/11/15	0.003	0.0078	81.4	0.534	6.69	0.277	0.00018
	12/11/15	0.0049	0.007	61.1	0.386	6.02	0.0803	0.00018
	17/11/15	0.0051	0.0038	55.1	0.308	5.24	0.0901	0.00014
	23/11/15	0.0065	0.0112	54.2	0.327	4.88	0.176	0.00013
	30/11/15	0.0076	0.0108	54.4	0.3	4.73	0.124	0.00014
	03/12/15	0.0043	0.0124	363	4.81	3.15	0.175	0.00044
	07/12/15	0.0034	0.0049	384	5.13	3.09	0.212	0.00061
	15/12/15	0.0033	0.0046	443	6.5	2.89	0.208	0.00086
	22/12/15	0.0036	0.0082	443	6.11	3.22	0.174	0.00086
	29/12/15	0.0026	0.0077	422	5.6	2.93	0.13	0.00093

Monitoring data report for: Hazeltine Creek



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Mining Corporation
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This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)
HAC-01c	01/10/15	0.00139	0.0409	<0.00010	<0.000050	0.038	0.0000131	61.3
	05/10/15	0.00132	0.0405	<0.00010	<0.000050	0.035	0.0000165	60.2
HAC-05	01/10/15	0.00118	0.0241	<0.00010	<0.000050	0.032	<0.0000050	54.1
HAC-05a	09/11/15	0.00097	0.0215	<0.00010	<0.000050	0.029	0.000011	51.4
	03/12/15	0.00071	0.0644	<0.00010	<0.000050	0.145	0.0000339	169
HAC-08	01/10/15	0.00152	0.0341	<0.00010	<0.000050	0.04	<0.0000050	58.9
	09/11/15	0.00122	0.0337	<0.00010	<0.000050	0.033	0.0000119	57
	03/12/15	0.00746	0.181	0.00021	<0.000050	0.125	0.000116	161
HAC-10	01/10/15	0.001	0.0142	<0.00010	<0.000050	0.032	<0.0000050	43.7
	09/11/15	0.00088	0.0128	<0.00010	<0.000050	0.032	<0.0000050	43.2
	03/12/15	0.00123	0.0162	<0.00010	<0.000050	0.03	0.0000074	47.2
HAC-12	09/11/15	0.00126	0.0403	<0.00010	<0.000050	0.037	0.000015	63.5
	12/11/15	0.00103	0.0284	<0.00010	<0.000050	0.033	0.0000113	53.9
	17/11/15	0.00107	0.0278	<0.00010	<0.000050	0.028	0.0000109	54.7
	23/11/15	0.00125	0.0303	<0.00010	<0.000050	0.035	0.0000164	52.9
	30/11/15	0.00123	0.0312	<0.00010	<0.000050	0.034	0.000015	57.2
	03/12/15	0.00104	0.0793	<0.00010	<0.000050	0.109	0.0000187	138
	07/12/15	0.00089	0.0692	<0.00010	<0.000050	0.109	<0.000050	137
	15/12/15	0.00074	0.0739	<0.00010	<0.000050	0.14	0.000031	146
	22/12/15	0.00079	0.0704	<0.00010	<0.000050	0.141	<0.000040	155
	29/12/15	0.00085	0.0629	<0.00010	<0.000050	0.13	<0.000040	143

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This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)	Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)
HAC-01c	01/10/15	<0.00050	0.00012	0.013	0.128	<0.000050	0.002	13.9
	05/10/15	<0.00050	0.00014	0.0129	0.14	0.000065	0.0021	13.8
HAC-05	01/10/15	<0.00050	<0.00010	0.00848	0.079	<0.000050	<0.0010	10.3
HAC-05a	09/11/15	<0.00050	0.00019	0.0117	0.227	<0.000050	<0.0010	8
	03/12/15	<0.00050	0.00025	0.00715	0.137	0.000053	0.008	30
HAC-08	01/10/15	<0.00050	<0.00010	0.0133	0.031	<0.000050	0.0024	13.3
	09/11/15	<0.00050	0.00021	0.0193	0.339	0.000135	0.0018	10.3
	03/12/15	0.00515	0.0047	0.248	7.22	0.00297	0.0109	29.9
HAC-10	01/10/15	<0.00050	<0.00010	0.00548	0.076	<0.000050	<0.0010	6.17
	09/11/15	<0.00050	<0.00010	0.00422	0.044	<0.000050	<0.0010	5.84
	03/12/15	<0.00050	0.00011	0.00755	0.077	<0.000050	<0.0010	6.31
HAC-12	09/11/15	0.00089	0.00025	0.0182	0.407	0.000145	0.0017	12.1
	12/11/15	<0.00050	0.0001	0.0129	0.122	0.00005	0.0015	9.72
	17/11/15	<0.00050	0.00011	0.0131	0.132	0.000053	0.0016	9.93
	23/11/15	<0.00050	0.00019	0.0163	0.236	0.000111	0.0013	9.47
	30/11/15	<0.00050	0.00015	0.0179	0.169	0.000084	0.0016	10.6
	03/12/15	<0.00050	0.00026	0.0117	0.168	0.000099	0.0062	25.4
	07/12/15	<0.00050	0.00023	0.00889	0.163	0.000063	0.0057	25.4
	15/12/15	<0.00050	0.00017	0.00578	0.05	<0.000050	0.0085	29.2
	22/12/15	<0.00050	0.00022	0.00858	0.11	0.000052	0.0081	29.1
	29/12/15	<0.00050	0.00023	0.00989	0.098	<0.000050	0.008	27.7

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		Total Manganese (mg/L)	Mercury (Hg)-Total (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)
HAC-01c	01/10/15	0.0908		0.0109	0.00056	1.63	0.00098	5
	05/10/15	0.0908		0.0103	0.00057	1.61	0.000886	4.95
HAC-05	01/10/15	0.0418		0.0101	<0.00050	1.36	0.000843	4.65
HAC-05a	09/11/15	0.105		0.0125	<0.00050	1.6	0.00104	3.88
	03/12/15	0.184		0.134	0.00074	7.35	0.0242	4.92
HAC-08	01/10/15	0.00447		0.012	<0.00050	1.51	0.000957	5.23
	09/11/15	0.0307		0.0141	0.00064	1.67	0.00108	4.6
	03/12/15	0.313		0.103	0.00668	6.66	0.0198	14.5
HAC-10	01/10/15	0.0314		0.0116	<0.00050	1.38	0.000894	3.19
	09/11/15	0.0216		0.0115	<0.00050	1.42	0.000789	3.17
	03/12/15	0.0408		0.011	<0.00050	1.42	0.000834	2.99
HAC-12	09/11/15	0.0651		0.0154	0.00086	1.69	0.00151	5.08
	12/11/15	0.0541		0.0117	<0.00050	1.42	0.000862	4.07
	17/11/15	0.0579		0.0106	<0.00050	1.32	0.000764	4.28
	23/11/15	0.062		0.00995	0.00058	1.37	0.000809	4.29
	30/11/15	0.0654		0.0106	0.00214	1.34	0.000803	4.61
	03/12/15	0.0954	<0.0000050	0.0923	0.001	4.86	0.0174	4.85
	07/12/15	0.114		0.0976	0.00074	5.84	0.0192	4.83
	15/12/15	0.119		0.119	0.00067	7.83	0.0251	4.81
	22/12/15	0.134		0.117	0.00082	7.35	0.0236	5.11
	29/12/15	0.19		0.114	0.00076	7.74	0.0227	4.89

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		Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
HAC-01c	01/10/15	<0.000010	13.6	0.52	<0.000010	<0.00010	0.011	0.0013
	05/10/15	<0.000010	13.7	0.526	<0.000010	<0.00010	<0.010	0.0012
HAC-05	01/10/15	<0.000010	11.6	0.404	<0.000010	<0.00010	<0.010	0.000521
HAC-05a	09/11/15	<0.000010	11.1	0.362	<0.000010	<0.00010	0.013	0.000446
	03/12/15	<0.000010	44.3	2.72	<0.000010	<0.00010	0.015	0.000852
HAC-08	01/10/15	<0.000010	14.5	0.568	<0.000010	<0.00010	<0.010	0.00106
	09/11/15	<0.000010	12.3	0.465	<0.000010	<0.00010	0.021	0.000813
	03/12/15	0.000096	38.7	2.27	0.000039	0.0002	0.354	0.00134
HAC-10	01/10/15	<0.000010	10	0.341	<0.000010	<0.00010	<0.010	0.000285
	09/11/15	<0.000010	9.38	0.32	<0.000010	<0.00010	<0.010	0.000301
	03/12/15	<0.000010	10.2	0.343	<0.000010	<0.00010	<0.010	0.000312
HAC-12	09/11/15	<0.000010	13.5	0.534	<0.000010	<0.00010	0.021	0.00105
	12/11/15	<0.000010	12	0.459	<0.000010	<0.00010	<0.010	0.000723
	17/11/15	<0.000010	11.5	0.415	<0.000010	<0.00010	0.012	0.000731
	23/11/15	<0.000010	11.1	0.384	<0.000010	<0.00010	0.019	0.000761
	30/11/15	<0.000010	11.9	0.51	<0.000010	<0.00010	<0.010	0.000812
	03/12/15	<0.000010	35	1.92	<0.000010	<0.00010	0.015	0.00101
	07/12/15	<0.000010	34.6	2.16	<0.000010	<0.00010	0.014	0.00116
	15/12/15	<0.000010	41.4	2.48	<0.000010	<0.00010	0.011	0.0013
	22/12/15	<0.000010	38.6	2.47	<0.000010	<0.00010	0.013	0.00139
	29/12/15	<0.000010	41.9	2.18	<0.000010	<0.00010	0.013	0.00145

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		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)
HAC-01c	01/10/15	0.00129	0.0047	0.0046	0.00013	0.00128	0.04	<0.00010
	05/10/15	0.00123	0.0041	0.0047	0.00013	0.00115	0.0381	<0.00010
HAC-05	01/10/15	0.00129	<0.0030	<0.0030	0.00012	0.00127	0.0271	<0.00010
HAC-05a	09/11/15	0.00117	<0.0030	0.0045	0.00013	0.0009	0.0197	<0.00010
	03/12/15	0.00094	0.0058	0.0916	0.00066	0.00054	0.0646	<0.00010
HAC-08	01/10/15	0.00109	<0.0030	0.005	0.00014	0.00143	0.0339	<0.00010
	09/11/15	0.00153	<0.0030	0.0081	0.00012	0.00095	0.0299	<0.00010
	03/12/15	0.0234	0.0198	0.0748	0.00049	0.00103	0.084	<0.00010
HAC-10	01/10/15	0.0012	<0.0030	0.0041	0.00013	0.00093	0.0133	<0.00010
	09/11/15	0.00107	<0.0030	0.0046	0.00011	0.00091	0.0119	<0.00010
	03/12/15	0.00093	0.0067	0.003	0.00013	0.00122	0.0148	<0.00010
HAC-12	09/11/15	0.00154	0.0042	0.0073	0.00014	0.00096	0.0343	<0.00010
	12/11/15	0.00099	<0.0030	<0.0040	0.00013	0.00089	0.0271	<0.00010
	17/11/15	0.00094	<0.0030	0.005	0.00012	0.00092	0.0268	<0.00010
	23/11/15	0.00123	<0.0030	0.0058	0.00011	0.00098	0.0276	<0.00010
	30/11/15	0.00114	<0.0030	0.0051	0.00013	0.00113	0.0293	<0.00010
	03/12/15	0.00099	<0.0030	0.0314	0.0004	0.00087	0.0808	<0.00010
	07/12/15	0.00095	<0.0030	0.0495	0.00062	0.0007	0.0683	<0.00010
	15/12/15	0.0008	<0.0030	0.0731	0.00082	0.00062	0.0739	<0.00010
	22/12/15	0.00087	<0.0030	0.04	0.00086	0.00069	0.0704	<0.00010
	29/12/15	0.001	<0.0030	0.0467	0.00088	0.0007	0.0638	<0.00010

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		Diss-Bismuth (Bi) (mg/L)	Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)
HAC-01c	01/10/15	<0.000050	0.033	0.0000108	60.8	<0.00050	<0.00010	0.0102
	05/10/15	<0.000050	0.032	0.0000096	61.1	<0.00050	<0.00010	0.00976
HAC-05	01/10/15	<0.000050	0.028	<0.0000050	54.4	<0.00050	<0.00010	0.00807
HAC-05a	09/11/15	<0.000050	0.027	<0.0000050	53.5	<0.00050	0.0001	0.00761
	03/12/15	<0.000050	0.136	0.0000336	176	<0.00050	0.00018	0.00388
HAC-08	01/10/15	<0.000050	0.036	<0.0000050	58.6	<0.00050	<0.00010	0.0122
	09/11/15	<0.000050	0.029	0.0000058	59.1	<0.00050	<0.00010	0.0125
	03/12/15	<0.000050	0.119	0.0000278	155	<0.00050	0.00012	0.00791
HAC-10	01/10/15	<0.000050	0.028	<0.0000050	42.9	<0.00050	<0.00010	0.00365
	09/11/15	<0.000050	0.027	<0.0000050	44.5	<0.00050	<0.00010	0.00312
	03/12/15	<0.000050	0.028	<0.0000050	48.1	<0.00050	<0.00010	0.00581
HAC-12	09/11/15	<0.000050	0.029	0.000006	64	<0.00050	<0.00010	0.0128
	12/11/15	<0.000050	0.037	0.0000052	53.3	<0.00050	<0.00010	0.0102
	17/11/15	<0.000050	0.027	0.0000089	55.1	<0.00050	<0.00010	0.0107
	23/11/15	<0.000050	0.03	0.0000086	54.1	<0.00050	<0.00010	0.0113
	30/11/15	<0.000050	0.03	0.0000111	58.1	<0.00050	<0.00010	0.0137
	03/12/15	<0.000050	0.104	0.0000249	144	<0.00050	0.00016	0.00802
	07/12/15	<0.000050	0.104	<0.000040	138	<0.00050	0.00014	0.00587
	15/12/15	<0.000050	0.129	0.0000268	148	<0.00050	0.00014	0.00441
	22/12/15	<0.000050	0.127	<0.000040	155	<0.00050	0.00017	0.00611
29/12/15	<0.000050	0.124	<0.000040	148	<0.00050	0.00017	0.00767	

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		Diss-Iron (Fe) (mg/L)	Diss-Lead (Pb) (mg/L)	Diss-Lithium (Li) (mg/L)	Diss-Magnesium (Mg) (mg/L)	Diss-Manganese (Mn) (mg/L)	Diss-Mercury (Hg) (mg/L)	Diss-Molybdenum (Mo) (mg/L)
HAC-01c	01/10/15	<0.030	<0.000050	0.0018	13.7	0.0824		0.0107
	05/10/15	<0.030	<0.000050	0.002	13.7	0.0808		0.00976
HAC-05	01/10/15	0.041	<0.000050	<0.0010	10.3	0.0351		0.00978
HAC-05a	09/11/15	0.031	<0.000050	<0.0010	8.17	0.0807		0.0122
	03/12/15	<0.030	<0.000050	0.0076	30.4	0.172		0.13
HAC-08	01/10/15	<0.030	<0.000050	0.0022	13.1	0.00356		0.0114
	09/11/15	<0.030	<0.000050	0.0017	10.6	0.0193		0.0136
	03/12/15	<0.030	<0.000050	0.0068	27.7	0.0463		0.109
HAC-10	01/10/15	<0.030	<0.000050	<0.0010	6.03	0.0256		0.0107
	09/11/15	<0.030	<0.000050	0.0011	5.91	0.00678		0.00963
	03/12/15	<0.030	<0.000050	<0.0010	6.28	0.0349		0.0103
HAC-12	09/11/15	<0.030	<0.000050	0.0016	12.1	0.0553		0.0145
	12/11/15	<0.030	<0.000050	0.0016	9.54	0.05		0.0115
	17/11/15	<0.030	<0.000050	0.0014	9.73	0.0537		0.0101
	23/11/15	<0.030	0.000079	0.0011	9.6	0.0548		0.00931
	30/11/15	<0.030	<0.000050	0.0016	10.6	0.0589		0.00966
	03/12/15	<0.030	<0.000050	0.0059	25.7	0.0902	<0.0000050	0.0938
	07/12/15	<0.030	<0.000050	0.0059	25.3	0.111		0.0969
	15/12/15	<0.030	<0.000050	0.0083	29	0.107		0.113
	22/12/15	<0.030	<0.000050	0.0083	29.4	0.128		0.11
	29/12/15	<0.030	<0.000050	0.0081	27.7	0.188		0.113

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Nickel (Ni) (mg/L)	Diss-Potassium (K) (mg/L)	Diss-Selenium (mg/L)	Diss-Silicon (Si) (mg/L)	Diss-Silver (Ag) (mg/L)	Diss-Sodium (Na) (mg/L)	Diss-Strontium (Sr) (mg/L)
HAC-01c	01/10/15	<0.00050	1.65	0.000922	4.85	<0.000010	13.4	0.509
	05/10/15	<0.00050	1.52	0.000875	4.68	<0.000010	13.5	0.507
HAC-05	01/10/15	<0.00050	1.55	0.000767	4.61	<0.000010	12.7	0.399
HAC-05a	09/11/15	<0.00050	1.58	0.00101	3.61	<0.000010	10.9	0.369
	03/12/15	0.00054	7.59	0.0242	4.81	<0.000010	45.6	2.7
HAC-08	01/10/15	<0.00050	1.52	0.000955	5.17	<0.000010	14	0.552
	09/11/15	<0.00050	1.61	0.00115	4.18	<0.000010	12.5	0.448
	03/12/15	0.00084	5.6	0.0206	4.56	<0.000010	38.6	2.23
HAC-10	01/10/15	<0.00050	1.37	0.000911	3.06	<0.000010	9.88	0.331
	09/11/15	<0.00050	1.43	0.00073	3.04	<0.000010	9.37	0.285
	03/12/15	<0.00050	1.41	0.000786	2.89	<0.000010	10.2	0.333
HAC-12	09/11/15	<0.00050	1.65	0.00132	4.44	<0.000010	13	0.51
	12/11/15	0.00052	1.45	0.000871	3.87	<0.000010	12.3	0.452
	17/11/15	<0.00050	1.31	0.000765	4.11	<0.000010	11.2	0.402
	23/11/15	<0.00050	1.31	0.000799	3.93	<0.000010	10.8	0.366
	30/11/15	<0.00050	1.27	0.000814	4.37	<0.000010	11.3	0.485
	03/12/15	0.00077	5.06	0.0184	4.76	<0.000010	36.1	1.96
	07/12/15	0.00057	5.77	0.019	4.66	<0.000010	34.1	2.15
	15/12/15	0.0006	7.59	0.0249	4.8	<0.000010	38.3	2.37
	22/12/15	0.00076	7.16	0.0236	5	<0.000010	37.9	2.44
	29/12/15	0.00064	7.8	0.0222	4.86	<0.000010	42.7	2.19

Printed Date: 13/01/2016

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Thallium (Tl) (mg/L)	Diss-Tin (Sn) (mg/L)	Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
HAC-01c	01/10/15	<0.000010	<0.00010	<0.010	0.00124	0.00089	0.0035
	05/10/15	<0.000010	<0.00010	<0.010	0.00111	0.00082	<0.0030
HAC-05	01/10/15	<0.000010	<0.00010	<0.010	0.000489	0.0013	<0.0030
HAC-05a	09/11/15	<0.000010	<0.00010	<0.010	0.000439	0.00076	<0.0030
	03/12/15	<0.000010	<0.00010	0.011	0.000759	0.00058	0.0043
HAC-08	01/10/15	<0.000010	<0.00010	<0.010	0.000967	0.00099	<0.0030
	09/11/15	<0.000010	<0.00010	<0.010	0.000729	0.00071	<0.0030
	03/12/15	<0.000010	<0.00010	<0.010	0.00101	0.00069	<0.0030
HAC-10	01/10/15	<0.000010	<0.00010	<0.010	0.000255	0.00094	<0.0030
	09/11/15	<0.000010	<0.00010	<0.010	0.000244	0.00086	<0.0030
	03/12/15	<0.000010	<0.00010	<0.010	0.000298	0.00074	0.0077
HAC-12	09/11/15	<0.000010	<0.00010	<0.010	0.000903	0.00066	<0.0030
	12/11/15	<0.000010	<0.00010	<0.010	0.000708	0.00066	<0.0030
	17/11/15	<0.000010	<0.00010	<0.010	0.000708	0.00061	<0.0030
	23/11/15	<0.000010	<0.00010	<0.010	0.000697	0.00061	<0.0030
	30/11/15	<0.000010	<0.00010	<0.010	0.000773	0.00076	<0.0030
	03/12/15	<0.000010	<0.00010	<0.010	0.00098	0.00057	<0.0030
	07/12/15	<0.000010	<0.00010	<0.010	0.00114	0.00056	<0.0030
	15/12/15	<0.000010	<0.00010	<0.010	0.00126	0.00061	<0.0030
	22/12/15	<0.000010	<0.00010	0.011	0.00136	0.00057	<0.0030
	29/12/15	<0.000010	<0.00010	<0.010	0.00143	0.00063	<0.0030

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
P1-S	08/10/15	285	132	8.14	195	<3.0	0.51	99.4
	11/11/15	297	130	8.15	192	<3.0	1.39	100
P1-5	08/10/15	284	134	8.14	197	<3.0	0.52	99.1
P1-10	08/10/15	281	132	8.14	190	<3.0	0.62	97.3
	11/11/15	297	130	8.16	190	<3.0	1.33	103
P1-15	08/10/15	284	133	7.72	191	<3.0	0.77	98.4
P1-20	08/10/15	285	135	7.71	199	<3.0	1.02	97.9
	11/11/15	298	131	8.17	184	3.1	1.43	104
P1-B	08/10/15	287	132	7.64	202	<3.0	1.61	98.6
	11/11/15	299	129	8.18	186	3.7	1.79	105
P2-S	08/10/15	282	133	8.1	190	<3.0	0.59	96.1
	11/11/15	298	129	8.16	193	<3.0	1.45	104
P2-5	08/10/15	280	135	8.12	193	<3.0	0.5	99
P2-10	08/10/15	280	131	8.08	193	<3.0	0.7	98.8
	11/11/15	298	128	8.15	187	3.3	1.87	104
P2-15	08/10/15	285	132	7.69	194	<3.0	1.01	95.5
P2-20	08/10/15	287	133	7.7	194	<3.0	0.79	96.9
	11/11/15	298	129	8.14	185	3.4	1.91	106
P2-B	08/10/15	287	131	8.09	191	<3.0	0.59	96.7
	11/11/15	298	128	7.76	188	6.9	4.03	98

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)
P1-S	08/10/15	<0.0050	1.35	0.087	0.0131	0.0131	<0.0010	<0.0010
	11/11/15	0.0078	1.35	0.085	0.131	0.131	<0.0010	0.0259
P1-5	08/10/15	<0.0050	1.34	0.088	0.0139	0.0139	<0.0010	0.002
P1-10	08/10/15	0.0056	1.34	0.088	0.0158	0.0158	<0.0010	0.0016
	11/11/15	0.0082	1.35	0.089	0.131	0.131	<0.0010	0.0264
P1-15	08/10/15	<0.0050	1.37	0.085	0.38	0.38	<0.0010	0.0503
P1-20	08/10/15	<0.0050	1.37	0.085	0.4	0.4	<0.0010	0.0753
	11/11/15	0.008	1.35	0.089	0.127	0.127	<0.0010	0.0255
P1-B	08/10/15	0.0117	1.39	0.086	0.455	0.456	0.001	0.092
	11/11/15	0.0087	1.35	0.089	0.119	0.119	<0.0010	0.0223
P2-S	08/10/15	<0.0050	1.35	0.087	0.0147	0.0147	<0.0010	<0.0010
	11/11/15	0.0083	1.35	0.088	0.138	0.138	<0.0010	0.0273
P2-5	08/10/15	0.0061	1.35	0.088	0.0231	0.0231	<0.0010	0.0017
P2-10	08/10/15	0.009	1.34	0.088	0.0349	0.0349	<0.0010	0.0031
	11/11/15	0.011	1.35	0.088	0.157	0.157	<0.0010	0.0323
P2-15	08/10/15	<0.0050	1.37	0.085	0.395	0.395	<0.0010	0.0563
P2-20	08/10/15	<0.0050	1.37	0.085	0.43	0.43	<0.0010	0.0794
	11/11/15	0.0128	1.35	0.089	0.173	0.175	0.0012	0.0375
P2-B	08/10/15	<0.0050	1.34	0.087	0.0165	0.0165	<0.0010	0.0016
	11/11/15	0.011	1.35	0.089	0.144	0.144	<0.0010	0.0307

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)
P1-S	08/10/15	0.005	0.0072	48	0.327	6.49	0.0141	0.00017
	11/11/15	0.0281	0.036	47.6	0.435	6	0.0367	0.00018
P1-5	08/10/15	0.0064	0.0099	47.9	0.329	6.44	0.016	0.00017
P1-10	08/10/15	0.0058	0.0097	48	0.36	6.37	0.0147	0.00016
	11/11/15	0.0282	0.0401	47.8	0.439	5.91	0.0432	0.00017
P1-15	08/10/15	0.0534	0.053	47.5	0.632	6.24	0.0304	0.00015
P1-20	08/10/15	0.0807	0.0692	47.4	0.637	5.94	0.0212	0.00014
	11/11/15	0.0288	0.0286	47.7	0.442	6.26	0.0422	0.00015
P1-B	08/10/15	0.0949	0.092	47.5	0.72	6	0.0167	0.00013
	11/11/15	0.0252	0.0286	47.7	0.429	6.09	0.0715	0.00019
P2-S	08/10/15	0.005	0.0082	47.9	0.326	6.31	0.0145	0.00017
	11/11/15	0.0307	0.0258	47.7	0.432	6.08	0.0467	0.00012
P2-5	08/10/15	0.0063	0.0087	47.9	0.341	6.5	0.0203	0.00017
P2-10	08/10/15	0.0072	0.01	48	0.349	6.22	0.027	0.00017
	11/11/15	0.0347	0.0391	47.6	0.456	6.11	0.0662	0.00013
P2-15	08/10/15	0.059	0.0507	47.4	0.657	5.99	0.0397	0.00017
P2-20	08/10/15	0.0827	0.0767	47.3	0.674	6.02	0.0311	0.00015
	11/11/15	0.0371	0.0441	47.7	0.481	6.11	0.0675	0.00012
P2-B	08/10/15	0.0067	0.0094	47.8	0.342	6.61	0.0154	0.00017
	11/11/15	0.0313	0.0262	47.8	0.456	6.06	0.204	0.00012

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)
P1-S	08/10/15	0.00097	0.0122	<0.00010	<0.000050	0.03	<0.0000050	41.6
	11/11/15	0.00097	0.0116	<0.00010	<0.000050	0.034	<0.0000050	43.4
P1-5	08/10/15	0.00102	0.0133	<0.00010	<0.000050	0.031	<0.0000050	41.9
P1-10	08/10/15	0.00101	0.0125	<0.00010	<0.000050	0.031	<0.0000050	41.7
	11/11/15	0.00097	0.0117	<0.00010	<0.000050	0.033	<0.0000050	43.1
P1-15	08/10/15	0.00101	0.0114	<0.00010	<0.000050	0.029	<0.0000050	42.7
P1-20	08/10/15	0.00104	0.0105	<0.00010	<0.000050	0.03	<0.0000050	41.9
	11/11/15	0.00091	0.0113	<0.00010	<0.000050	0.03	<0.0000050	41.1
P1-B	08/10/15	0.00102	0.00982	<0.00010	<0.000050	0.029	<0.0000050	42.5
	11/11/15	0.00094	0.0124	<0.00010	<0.000050	0.033	<0.0000050	42.2
P2-S	08/10/15	0.001	0.0126	<0.00010	<0.000050	0.03	<0.0000050	42
	11/11/15	0.00097	0.0116	<0.00010	<0.000050	0.03	<0.0000050	42.6
P2-5	08/10/15	0.001	0.0126	<0.00010	<0.000050	0.032	<0.0000050	43.2
P2-10	08/10/15	0.00102	0.0129	<0.00010	<0.000050	0.031	<0.0000050	42.5
	11/11/15	0.00091	0.0117	<0.00010	<0.000050	0.031	<0.0000050	42
P2-15	08/10/15	0.00103	0.0114	<0.00010	<0.000050	0.031	<0.0000050	42.9
P2-20	08/10/15	0.00102	0.0103	<0.00010	<0.000050	0.031	<0.0000050	42
	11/11/15	0.00097	0.0119	<0.00010	<0.000050	0.031	<0.0000050	41.6
P2-B	08/10/15	0.00107	0.0128	<0.00010	<0.000050	0.031	<0.0000050	43.4
	11/11/15	0.00094	0.014	<0.00010	<0.000050	0.031	<0.0000050	42

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)	Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)
P1-S	08/10/15	<0.00050	<0.00010	0.00305	<0.030	0.000107	<0.0010	5.72
	11/11/15	<0.00050	<0.00010	0.00335	<0.030	<0.000050	<0.0010	5.82
P1-5	08/10/15	<0.00050	<0.00010	0.00329	<0.030	0.000125	<0.0010	5.78
P1-10	08/10/15	<0.00050	<0.00010	0.00308	<0.030	0.000152	<0.0010	5.65
	11/11/15	<0.00050	<0.00010	0.00357	0.038	0.000246	<0.0010	5.79
P1-15	08/10/15	<0.00050	<0.00010	0.00312	<0.030	<0.000050	<0.0010	5.63
P1-20	08/10/15	<0.00050	<0.00010	0.00295	<0.030	<0.000050	<0.0010	5.71
	11/11/15	<0.00050	<0.00010	0.00392	0.032	0.000255	<0.0010	5.58
P1-B	08/10/15	<0.00050	<0.00010	0.00276	<0.030	<0.000050	<0.0010	5.63
	11/11/15	<0.00050	<0.00010	0.00382	0.05	0.00012	0.001	5.72
P2-S	08/10/15	<0.00050	<0.00010	0.00318	<0.030	<0.000050	<0.0010	5.75
	11/11/15	<0.00050	<0.00010	0.00364	0.032	<0.000050	<0.0010	5.77
P2-5	08/10/15	<0.00050	<0.00010	0.00322	<0.030	<0.000050	<0.0010	5.83
P2-10	08/10/15	<0.00050	<0.00010	0.00345	<0.030	0.000082	<0.0010	5.79
	11/11/15	<0.00050	<0.00010	0.00408	0.044	0.000134	<0.0010	5.72
P2-15	08/10/15	<0.00050	<0.00010	0.00333	0.032	0.000052	<0.0010	5.76
P2-20	08/10/15	<0.00050	<0.00010	0.00293	<0.030	<0.000050	<0.0010	5.72
	11/11/15	<0.00050	<0.00010	0.00413	0.047	0.000095	<0.0010	5.73
P2-B	08/10/15	<0.00050	<0.00010	0.00317	<0.030	<0.000050	<0.0010	5.91
	11/11/15	<0.00050	0.00012	0.00675	0.122	0.000098	<0.0010	5.77

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)	Silver (Ag)-Total (mg/L)
P1-S	08/10/15	0.0128	0.0112	<0.00050	1.47	0.00089	3.29	<0.000010
	11/11/15	0.0298	0.0109	<0.00050	1.4	0.000804	3.28	<0.000010
P1-5	08/10/15	0.0132	0.0112	<0.00050	1.5	0.000861	3.37	<0.000010
P1-10	08/10/15	0.013	0.0112	<0.00050	1.46	0.000837	3.29	<0.000010
	11/11/15	0.0323	0.0109	<0.00050	1.37	0.000774	3.25	<0.000010
P1-15	08/10/15	0.0313	0.0108	<0.00050	1.45	0.000878	4.12	<0.000010
P1-20	08/10/15	0.0581	0.0106	<0.00050	1.5	0.000764	4.1	<0.000010
	11/11/15	0.0298	0.0103	<0.00050	1.31	0.000686	3.09	<0.000010
P1-B	08/10/15	0.155	0.0105	<0.00050	1.45	0.000756	4.33	<0.000010
	11/11/15	0.0336	0.0107	<0.00050	1.37	0.000857	3.23	<0.000010
P2-S	08/10/15	0.0134	0.0115	<0.00050	1.47	0.000888	3.38	<0.000010
	11/11/15	0.0329	0.011	<0.00050	1.38	0.000831	3.28	<0.000010
P2-5	08/10/15	0.0164	0.0114	<0.00050	1.53	0.000853	3.45	<0.000010
P2-10	08/10/15	0.0197	0.0114	<0.00050	1.5	0.000889	3.45	<0.000010
	11/11/15	0.0479	0.0109	<0.00050	1.34	0.000812	3.38	<0.000010
P2-15	08/10/15	0.0396	0.0108	<0.00050	1.52	0.000889	4.26	<0.000010
P2-20	08/10/15	0.0553	0.0104	<0.00050	1.56	0.000901	4.18	<0.000010
	11/11/15	0.0613	0.0111	<0.00050	1.37	0.000788	3.46	<0.000010
P2-B	08/10/15	0.0143	0.0116	<0.00050	1.49	0.000888	3.46	<0.000010
	11/11/15	0.0523	0.011	<0.00050	1.38	0.000782	3.61	<0.000010

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)	Vanadium (V)-Total (mg/L)
P1-S	08/10/15	10.1	0.318	<0.000010	<0.00010	<0.010	0.000289	0.00121
	11/11/15	10.2	0.334	<0.000010	<0.00010	<0.010	0.00028	0.00102
P1-5	08/10/15	10.5	0.324	<0.000010	<0.00010	<0.010	0.000325	0.00121
P1-10	08/10/15	9.94	0.319	<0.000010	<0.00010	<0.010	0.000313	0.00116
	11/11/15	9.92	0.334	<0.000010	<0.00010	<0.010	0.000279	0.00104
P1-15	08/10/15	9.91	0.322	<0.000010	<0.00010	<0.010	0.000311	0.00082
P1-20	08/10/15	10.1	0.323	<0.000010	<0.00010	<0.010	0.000304	0.00083
	11/11/15	9.53	0.316	<0.000010	<0.00010	<0.010	0.000261	0.00101
P1-B	08/10/15	9.84	0.327	<0.000010	<0.00010	<0.010	0.000295	0.00062
	11/11/15	9.56	0.314	<0.000010	<0.00010	<0.010	0.00028	0.00103
P2-S	08/10/15	10.3	0.323	<0.000010	<0.00010	<0.010	0.000298	0.00121
	11/11/15	9.79	0.334	<0.000010	<0.00010	<0.010	0.000283	0.00102
P2-5	08/10/15	10.5	0.326	<0.000010	<0.00010	<0.010	0.000305	0.00121
P2-10	08/10/15	10.4	0.322	<0.000010	<0.00010	<0.010	0.000297	0.00126
	11/11/15	9.62	0.33	<0.000010	<0.00010	<0.010	0.000278	0.001
P2-15	08/10/15	10.3	0.324	<0.000010	<0.00010	<0.010	0.000291	0.00087
P2-20	08/10/15	10.3	0.318	<0.000010	<0.00010	<0.010	0.000286	0.00079
	11/11/15	9.75	0.338	<0.000010	<0.00010	<0.010	0.000274	0.00098
P2-B	08/10/15	10.4	0.328	<0.000010	<0.00010	<0.010	0.0003	0.00119
	11/11/15	9.38	0.333	<0.000010	<0.00010	0.012	0.00028	0.00124

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)	Diss-Bismuth (Bi) (mg/L)
P1-S	08/10/15	<0.0030	0.0036	0.00013	0.00102	0.013	<0.00010	<0.000050
	11/11/15	<0.0030	<0.0030	0.00013	0.00085	0.0108	<0.00010	<0.000050
P1-5	08/10/15	<0.0030	0.0041	0.00013	0.00098	0.0127	<0.00010	<0.000050
P1-10	08/10/15	<0.0030	0.0039	0.00013	0.00096	0.0126	<0.00010	<0.000050
	11/11/15	<0.0030	0.0033	0.00013	0.00088	0.0114	<0.00010	<0.000050
P1-15	08/10/15	<0.0030	<0.0030	0.00012	0.00095	0.0107	<0.00010	<0.000050
P1-20	08/10/15	<0.0030	<0.0030	0.00012	0.00096	0.01	<0.00010	<0.000050
	11/11/15	<0.0030	<0.0030	0.00014	0.00093	0.0108	<0.00010	<0.000050
P1-B	08/10/15	<0.0030	<0.0030	0.0001	0.00093	0.00865	<0.00010	<0.000050
	11/11/15	<0.0030	<0.0030	0.00012	0.00088	0.011	<0.00010	<0.000050
P2-S	08/10/15	<0.0030	0.0041	0.00013	0.00095	0.0124	<0.00010	<0.000050
	11/11/15	<0.0030	0.0033	0.00011	0.00092	0.0109	<0.00010	<0.000050
P2-5	08/10/15	<0.0030	0.004	0.00013	0.00096	0.0125	<0.00010	<0.000050
P2-10	08/10/15	<0.0030	0.0039	0.00013	0.00093	0.0122	<0.00010	<0.000050
	11/11/15	<0.0030	<0.0030	0.00011	0.00089	0.0106	<0.00010	<0.000050
P2-15	08/10/15	<0.0030	<0.0030	0.00012	0.00092	0.0105	<0.00010	<0.000050
P2-20	08/10/15	<0.0030	0.0038	0.00012	0.00096	0.00998	<0.00010	<0.000050
	11/11/15	<0.0030	0.004	0.00012	0.0009	0.0105	<0.00010	<0.000050
P2-B	08/10/15	<0.0030	0.0038	0.00014	0.00092	0.0123	<0.00010	<0.000050
	11/11/15	<0.0030	0.0054	0.00011	0.00087	0.0106	<0.00010	<0.000050

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)	Diss-Iron (Fe) (mg/L)
P1-S	08/10/15	0.027	<0.0000050	43.2	<0.00050	<0.00010	0.00277	<0.030
	11/11/15	0.029	<0.0000050	42.6	<0.00050	<0.00010	0.00233	<0.030
P1-5	08/10/15	0.026	<0.0000050	43.9	<0.00050	<0.00010	0.00308	<0.030
P1-10	08/10/15	0.027	<0.0000050	43.2	<0.00050	<0.00010	0.0029	<0.030
	11/11/15	0.028	<0.0000050	42.8	<0.00050	<0.00010	0.00271	<0.030
P1-15	08/10/15	0.026	<0.0000050	43.8	<0.00050	<0.00010	0.00267	<0.030
P1-20	08/10/15	0.026	<0.0000050	44.4	<0.00050	<0.00010	0.00244	<0.030
	11/11/15	0.028	<0.0000050	42.9	<0.00050	<0.00010	0.00275	<0.030
P1-B	08/10/15	0.026	<0.0000050	43.4	<0.00050	<0.00010	0.00222	<0.030
	11/11/15	0.027	<0.0000050	42.3	<0.00050	<0.00010	0.00246	<0.030
P2-S	08/10/15	0.028	<0.0000050	43.7	<0.00050	<0.00010	0.00276	<0.030
	11/11/15	0.027	<0.0000050	42.1	<0.00050	<0.00010	0.0024	<0.030
P2-5	08/10/15	0.028	<0.0000050	44.3	<0.00050	<0.00010	0.0028	<0.030
P2-10	08/10/15	0.028	<0.0000050	43	<0.00050	<0.00010	0.00267	<0.030
	11/11/15	0.027	<0.0000050	41.8	<0.00050	<0.00010	0.00253	<0.030
P2-15	08/10/15	0.027	<0.0000050	43.3	<0.00050	<0.00010	0.00238	<0.030
P2-20	08/10/15	0.028	<0.0000050	43.8	<0.00050	<0.00010	0.00233	<0.030
	11/11/15	0.028	<0.0000050	42.1	<0.00050	<0.00010	0.00242	<0.030
P2-B	08/10/15	0.027	<0.0000050	42.9	<0.00050	<0.00010	0.00266	<0.030
	11/11/15	0.029	<0.0000050	42	<0.00050	<0.00010	0.00242	<0.030

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
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This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Lead (Pb) (mg/L)	Diss-Lithium (Li) (mg/L)	Diss-Magnesium (Mg) (mg/L)	Diss-Manganese (Mn) (mg/L)	Diss-Molybdenum (Mo) (mg/L)	Diss-Nickel (Ni) (mg/L)	Diss-Potassium (K) (mg/L)
P1-S	08/10/15	<0.000050	0.001	5.9	0.00452	0.011	<0.00050	1.51
	11/11/15	<0.000050	<0.0010	5.66	0.00026	0.00996	<0.00050	1.36
P1-5	08/10/15	0.000152	<0.0010	5.88	0.00474	0.011	<0.00050	1.45
P1-10	08/10/15	0.000106	0.001	5.78	0.00497	0.011	<0.00050	1.41
	11/11/15	0.000373	<0.0010	5.68	0.00032	0.0101	<0.00050	1.32
P1-15	08/10/15	0.000082	0.001	5.8	0.0044	0.0105	<0.00050	1.48
P1-20	08/10/15	0.000063	<0.0010	5.83	0.00185	0.0102	<0.00050	1.45
	11/11/15	0.00027	<0.0010	5.7	0.00021	0.00986	<0.00050	1.38
P1-B	08/10/15	<0.000050	<0.0010	5.76	0.00046	0.00964	<0.00050	1.48
	11/11/15	0.00013	<0.0010	5.66	0.00062	0.01	<0.00050	1.32
P2-S	08/10/15	<0.000050	<0.0010	5.89	0.00352	0.0111	<0.00050	1.49
	11/11/15	<0.000050	<0.0010	5.67	0.00039	0.0099	<0.00050	1.33
P2-5	08/10/15	0.000053	<0.0010	5.89	0.00437	0.0112	<0.00050	1.47
P2-10	08/10/15	0.000073	<0.0010	5.8	0.00523	0.011	<0.00050	1.43
	11/11/15	0.000112	<0.0010	5.68	0.00025	0.00983	<0.00050	1.36
P2-15	08/10/15	<0.000050	<0.0010	5.74	0.00809	0.0103	<0.00050	1.5
P2-20	08/10/15	0.000109	<0.0010	5.76	0.00201	0.0102	<0.00050	1.49
	11/11/15	0.000101	<0.0010	5.72	0.00033	0.00993	<0.00050	1.34
P2-B	08/10/15	<0.000050	<0.0010	5.85	0.00363	0.011	<0.00050	1.47
	11/11/15	0.0001	<0.0010	5.67	0.00089	0.00995	<0.00050	1.33

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Selenium (mg/L)	Diss-Silicon (Si) (mg/L)	Diss-Silver (Ag) (mg/L)	Diss-Sodium (Na) (mg/L)	Diss-Strontium (Sr) (mg/L)	Diss-Thallium (Tl) (mg/L)	Diss-Tin (Sn) (mg/L)
P1-S	08/10/15	0.000805	3.33	<0.000010	10.3	0.319	<0.000010	<0.00010
	11/11/15	0.000734	3.09	<0.000010	9.9	0.326	<0.000010	<0.00010
P1-5	08/10/15	0.000797	3.34	<0.000010	9.87	0.317	<0.000010	<0.00010
P1-10	08/10/15	0.000787	3.31	<0.000010	9.79	0.318	<0.000010	<0.00010
	11/11/15	0.000761	3.12	<0.000010	9.11	0.304	<0.000010	<0.00010
P1-15	08/10/15	0.000797	4.1	<0.000010	9.71	0.318	<0.000010	<0.00010
P1-20	08/10/15	0.000748	4.12	<0.000010	9.68	0.322	<0.000010	<0.00010
	11/11/15	0.000698	3.13	<0.000010	10.1	0.319	<0.000010	<0.00010
P1-B	08/10/15	0.000776	4.28	<0.000010	9.77	0.319	<0.000010	<0.00010
	11/11/15	0.000731	3.09	<0.000010	9.6	0.324	<0.000010	<0.00010
P2-S	08/10/15	0.000806	3.35	<0.000010	10.2	0.317	<0.000010	<0.00010
	11/11/15	0.000813	3.17	<0.000010	9.7	0.321	<0.000010	<0.00010
P2-5	08/10/15	0.000835	3.39	<0.000010	9.99	0.318	<0.000010	<0.00010
P2-10	08/10/15	0.000794	3.38	<0.000010	9.82	0.317	<0.000010	<0.00010
	11/11/15	0.000727	3.22	<0.000010	9.7	0.325	<0.000010	<0.00010
P2-15	08/10/15	0.000798	4.12	<0.000010	10	0.313	<0.000010	<0.00010
P2-20	08/10/15	0.000811	4.09	<0.000010	9.95	0.316	<0.000010	<0.00010
	11/11/15	0.000745	3.33	<0.000010	9.64	0.322	<0.000010	<0.00010
P2-B	08/10/15	0.00082	3.33	<0.000010	9.97	0.316	<0.000010	<0.00010
	11/11/15	0.000812	3.18	<0.000010	9.46	0.329	<0.000010	<0.00010

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Monitoring data report for: Polley Lake



Mount Polley
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This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
P1-S	08/10/15	<0.010	0.000268	0.00103	<0.0030
	11/11/15	<0.010	0.000243	0.00075	<0.0030
P1-5	08/10/15	<0.010	0.000289	0.00102	<0.0030
P1-10	08/10/15	<0.010	0.000293	0.00098	<0.0030
	11/11/15	<0.010	0.000256	0.00074	<0.0030
P1-15	08/10/15	<0.010	0.000297	0.00063	<0.0030
P1-20	08/10/15	<0.010	0.000286	0.00058	<0.0030
	11/11/15	<0.010	0.00025	0.00079	<0.0030
P1-B	08/10/15	<0.010	0.000279	<0.00050	<0.0030
	11/11/15	<0.010	0.000255	0.00076	<0.0030
P2-S	08/10/15	<0.010	0.00027	0.001	<0.0030
	11/11/15	<0.010	0.000251	0.00075	<0.0030
P2-5	08/10/15	<0.010	0.000273	0.00099	<0.0030
P2-10	08/10/15	<0.010	0.000273	0.00093	<0.0030
	11/11/15	<0.010	0.000254	0.00073	<0.0030
P2-15	08/10/15	<0.010	0.000275	0.0006	<0.0030
P2-20	08/10/15	<0.010	0.000269	0.00056	<0.0030
	11/11/15	<0.010	0.000253	0.00068	<0.0030
P2-B	08/10/15	<0.010	0.000275	0.00096	<0.0030
	11/11/15	<0.010	0.000254	0.00073	<0.0030

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
QUL-120a-0m	15/10/15	107	53.1	7.93	61	<3.0	0.22	49.7
	18/11/15	110	53.4	7.85	69	<3.0	0.27	49.4
QUL-120a-40m	15/10/15	107	54.6	7.95	69	<3.0	0.13	50.9
	18/11/15	110	53.8	7.87	74	<3.0	0.27	49
QUL-120a-80m	15/10/15	109	54.7	7.85	67	<3.0	0.14	51.1
	18/11/15	112	54.9	7.8	76	<3.0	0.17	50.6
QUL-120a-120m	15/10/15	109	55.1	7.83	64	<3.0	0.12	51
	18/11/15	113	55.4	7.81	75	<3.0	0.12	50.6
QUL-120a-190m	15/10/15	109	55.3	7.86	69	<3.0	0.15	51.7
	18/11/15	114	55.4	7.82	76	<3.0	0.12	50.7
QUL-18-0m	15/10/15	107	53.8	7.91	67	<3.0	0.25	51.3
	09/11/15	111	53.8	7.92	74	<3.0	0.29	49.6
	07/12/15	110	54.7	7.77	65	<3.0	0.63	47.8
QUL-18-20	07/12/15	111	55.1	7.77	64	<3.0	0.61	48.8
QUL-18-40m	15/10/15	109	54.5	7.83	67	<3.0	0.24	52.1
	09/11/15	113	54.9	7.85	66	<3.0	0.43	50.2
QUL-18-50	07/12/15	111	54.5	7.78	63	<3.0	0.6	48.1
QUL-18-80m	15/10/15	110	54.8	7.83	67	<3.0	0.22	51.7
	09/11/15	115	56.1	7.86	69	<3.0	0.83	50.3
QUL-18-10	07/12/15	112	54.6	7.8	65	<3.0	0.66	48.8
QUL-2a-0m	28/10/15	110	55.8	7.9	77	<3.0	0.24	48.9
	09/11/15	111	54.2	7.89	69	<3.0	0.23	49.6

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Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)
QUL-120a-0m	15/10/15	<0.0050	<0.50	0.03	0.0588	0.0588	<0.0010	<0.0010
	18/11/15	0.0134	<0.50	0.032	0.0947	0.0947	<0.0010	<0.0010
QUL-120a-40m	15/10/15	<0.0050	<0.50	0.032	0.15	0.15	<0.0010	<0.0010
	18/11/15	<0.0050	<0.50	0.032	0.0924	0.0924	<0.0010	<0.0010
QUL-120a-80m	15/10/15	<0.0050	<0.50	0.031	0.149	0.149	<0.0010	<0.0010
	18/11/15	<0.0050	<0.50	0.033	0.15	0.15	<0.0010	<0.0010
QUL-120a-120m	15/10/15	<0.0050	<0.50	0.032	0.147	0.147	<0.0010	<0.0010
	18/11/15	<0.0050	<0.50	0.033	0.146	0.146	<0.0010	<0.0010
QUL-120a-190m	15/10/15	<0.0050	<0.50	0.032	0.148	0.148	<0.0010	<0.0010
	18/11/15	<0.0050	<0.50	0.033	0.152	0.152	<0.0010	0.001
QUL-18-0m	15/10/15	<0.0050	<0.50	0.03	0.0552	0.0552	<0.0010	<0.0010
	09/11/15	<0.0050	<0.50	0.036	0.0695	0.0695	<0.0010	<0.0010
	07/12/15	<0.0050	<0.50	0.032	0.109	0.109	<0.0010	<0.0010
QUL-18-20	07/12/15	<0.0050	<0.50	0.032	0.11	0.11	<0.0010	<0.0010
QUL-18-40m	15/10/15	<0.0050	<0.50	0.032	0.148	0.148	<0.0010	0.0024
	09/11/15	<0.0050	<0.50	0.034	0.14	0.14	<0.0010	<0.0010
QUL-18-50	07/12/15	<0.0050	<0.50	0.032	0.11	0.11	<0.0010	<0.0010
QUL-18-80m	15/10/15	<0.0050	<0.50	0.032	0.152	0.152	<0.0010	0.001
	09/11/15	<0.0050	<0.50	0.036	0.153	0.153	<0.0010	<0.0010
QUL-18-10	07/12/15	<0.0050	<0.50	0.032	0.117	0.117	<0.0010	<0.0010
QUL-2a-0m	28/10/15	<0.0050	<0.50	0.031	0.0637	0.0637	<0.0010	<0.0010
	09/11/15	<0.0050	<0.50	0.034	0.0791	0.0791	<0.0010	<0.0010

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Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)
QUL-120a-0m	15/10/15	<0.0020	<0.0020	6.5	0.128	1.67	0.0106	<0.00010
	18/11/15	0.0033	0.0021	6.28	0.178	1.49	0.0119	<0.00010
QUL-120a-40m	15/10/15	<0.0020	0.0031	6.3	0.201	1.74	0.009	<0.00010
	18/11/15	0.003	0.0024	6.28	0.158	1.36	0.0125	<0.00010
QUL-120a-80m	15/10/15	<0.0020	<0.0020	6.31	0.195	1.5	0.0096	<0.00010
	18/11/15	0.0026	<0.0020	6.11	0.206	1.44	0.01	<0.00010
QUL-120a-120m	15/10/15	<0.0020	<0.0020	6.33	0.2	1.53	0.0093	<0.00010
	18/11/15	0.0032	<0.0020	6.13	0.201	1.31	0.0085	<0.00010
QUL-120a-190m	15/10/15	<0.0020	<0.0020	6.34	0.195	1.51	0.0103	<0.00010
	18/11/15	0.0034	<0.0020	6.18	0.194	1.45	0.0093	<0.00010
QUL-18-0m	15/10/15	<0.0020	0.003	6.45	0.126	1.59	0.0116	<0.00010
	09/11/15	<0.0020	<0.0020	6.52	0.135	1.64	0.0141	<0.00010
	07/12/15	<0.0020	0.0032	6.6	0.158	1.59	0.0395	<0.00010
QUL-18-20	07/12/15	<0.0020	0.0044	6.6	0.16	1.58	0.0372	<0.00010
QUL-18-40m	15/10/15	0.004	0.0048	6.42	0.196	1.71	0.014	<0.00010
	09/11/15	<0.0020	<0.0020	6.47	0.2	1.79	0.0179	<0.00010
QUL-18-50	07/12/15	<0.0020	0.0022	6.61	0.153	1.55	0.0409	<0.00010
QUL-18-80m	15/10/15	0.0024	0.0031	6.51	0.199	1.87	0.0179	<0.00010
	09/11/15	<0.0020	<0.0020	6.55	0.207	1.81	0.0615	<0.00010
QUL-18-10	07/12/15	<0.0020	0.0025	6.62	0.158	1.57	0.0382	<0.00010
QUL-2a-0m	28/10/15	<0.0020	<0.0020	6.38	0.119	1.31	0.0208	<0.00010
	09/11/15	<0.0020	<0.0020	6.54	0.141	1.61	0.0107	<0.00010

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Mount Polley
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This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)
QUL-120a-0m	15/10/15	<0.00010	0.005	<0.00010	<0.000050	0.01	<0.0000050	17.5
	18/11/15	0.00011	0.00519	<0.00010	<0.000050	<0.010	<0.0000050	17.7
QUL-120a-40m	15/10/15	0.00011	0.00519	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	18/11/15	0.00012	0.00514	<0.00010	<0.000050	<0.010	<0.0000050	17.7
QUL-120a-80m	15/10/15	<0.00010	0.00526	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	18/11/15	0.00013	0.0052	<0.00010	<0.000050	<0.010	<0.0000050	18
QUL-120a-120m	15/10/15	<0.00010	0.0051	<0.00010	<0.000050	<0.010	<0.0000050	17.6
	18/11/15	0.00012	0.005	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-120a-190m	15/10/15	<0.00010	0.00502	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	18/11/15	0.00012	0.00501	<0.00010	<0.000050	<0.010	<0.0000050	18.4
QUL-18-0m	15/10/15	0.0001	0.00502	<0.00010	<0.000050	<0.010	<0.0000050	17.9
	09/11/15	0.00011	0.00488	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	07/12/15	0.00012	0.00578	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-18-20	07/12/15	0.00012	0.00588	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-18-40m	15/10/15	0.00012	0.00552	<0.00010	<0.000050	<0.010	<0.0000050	17.7
	09/11/15	0.00013	0.0056	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-18-50	07/12/15	0.00012	0.0057	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-18-80m	15/10/15	0.00012	0.00555	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	09/11/15	0.00013	0.00629	<0.00010	<0.000050	<0.010	<0.0000050	18.5
QUL-18-10	07/12/15	0.00012	0.00586	<0.00010	<0.000050	<0.010	<0.0000050	18.3
QUL-2a-0m	28/10/15	0.00013	0.00538	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	09/11/15	0.00011	0.00482	<0.00010	<0.000050	<0.010	<0.0000050	17.8

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		Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)	Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)
QUL-120a-0m	15/10/15	<0.00050	<0.00010	0.00063	<0.030	<0.000050	0.001	1.87
	18/11/15	<0.00050	<0.00010	0.0006	<0.030	<0.000050	<0.0010	1.94
QUL-120a-40m	15/10/15	<0.00050	<0.00010	0.00063	<0.030	<0.000050	0.0012	1.94
	18/11/15	<0.00050	<0.00010	0.0006	<0.030	0.00034	<0.0010	1.94
QUL-120a-80m	15/10/15	<0.00050	<0.00010	0.00066	<0.030	<0.000050	0.0011	1.99
	18/11/15	<0.00050	<0.00010	0.00072	<0.030	0.000136	<0.0010	1.98
QUL-120a-120m	15/10/15	<0.00050	<0.00010	0.00054	<0.030	<0.000050	0.0012	1.93
	18/11/15	<0.00050	<0.00010	0.00055	<0.030	0.000092	<0.0010	1.99
QUL-120a-190m	15/10/15	<0.00050	<0.00010	0.00062	<0.030	<0.000050	0.0012	1.92
	18/11/15	<0.00050	<0.00010	0.00067	<0.030	0.000071	<0.0010	2.01
QUL-18-0m	15/10/15	<0.00050	<0.00010	0.00062	<0.030	<0.000050	0.001	1.93
	09/11/15	<0.00050	<0.00010	0.00099	<0.030	<0.000050	<0.0010	1.99
	07/12/15	<0.00050	<0.00010	0.00148	<0.030	<0.000050	<0.0010	2.04
QUL-18-20	07/12/15	<0.00050	<0.00010	0.00145	<0.030	<0.000050	<0.0010	2.05
QUL-18-40m	15/10/15	<0.00050	<0.00010	0.00099	<0.030	0.000061	<0.0010	1.98
	09/11/15	<0.00050	<0.00010	0.00095	<0.030	0.000164	<0.0010	2.01
QUL-18-50	07/12/15	<0.00050	<0.00010	0.00144	<0.030	0.000095	<0.0010	2.04
QUL-18-80m	15/10/15	<0.00050	<0.00010	0.00101	<0.030	<0.000050	0.0011	2.01
	09/11/15	<0.00050	<0.00010	0.00173	0.037	0.000087	<0.0010	2.07
QUL-18-10	07/12/15	<0.00050	<0.00010	0.00147	<0.030	0.000078	<0.0010	2.05
QUL-2a-0m	28/10/15	<0.00050	<0.00010	0.0007	0.03	<0.000050	0.001	1.91
	09/11/15	<0.00050	<0.00010	0.00068	<0.030	<0.000050	<0.0010	1.95

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		Total Manganese (mg/L)	Mercury (Hg)-Total (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)
QUL-120a-0m	15/10/15	0.00088		0.000298	<0.00050	0.469	0.000079	1.43
	18/11/15	0.00098		0.0003	<0.00050	0.431	0.000087	1.55
QUL-120a-40m	15/10/15	0.00072		0.000334	<0.00050	0.491	0.000066	1.69
	18/11/15	0.00103		0.000307	<0.00050	0.443	0.000091	1.55
QUL-120a-80m	15/10/15	0.00049		0.000334	<0.00050	0.485	0.000068	1.72
	18/11/15	0.00067		0.000318	<0.00050	0.449	0.000098	1.69
QUL-120a-120m	15/10/15	0.00046		0.000332	<0.00050	0.501	0.000101	1.65
	18/11/15	0.00056		0.000305	<0.00050	0.451	0.000086	1.69
QUL-120a-190m	15/10/15	0.00054		0.000334	<0.00050	0.477	0.000085	1.67
	18/11/15	0.00058		0.000303	<0.00050	0.475	0.000093	1.71
QUL-18-0m	15/10/15	0.0008		0.000329	<0.00050	0.471	0.000092	1.47
	09/11/15	0.00104		0.000365	<0.00050	0.445	0.000089	1.53
	07/12/15	0.00133		0.000429	<0.00050	0.502	0.0001	1.69
QUL-18-20	07/12/15	0.00146		0.000414	<0.00050	0.491	0.000086	1.69
QUL-18-40m	15/10/15	0.00091		0.000459	<0.00050	0.503	0.000076	1.76
	09/11/15	0.00095		0.000469	<0.00050	0.484	0.000108	1.74
QUL-18-50	07/12/15	0.00145		0.000408	<0.00050	0.502	0.000094	1.68
QUL-18-80m	15/10/15	0.00113		0.0005	<0.00050	0.489	0.000102	1.79
	09/11/15	0.00191		0.000543	<0.00050	0.507	0.000083	1.92
QUL-18-10	07/12/15	0.0015		0.000432	<0.00050	0.503	0.00008	1.69
QUL-2a-0m	28/10/15	0.00108		0.000311	<0.00050	0.448	0.000077	1.47
	09/11/15	0.00098		0.000383	<0.00050	0.451	0.000104	1.53

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		Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
QUL-120a-0m	15/10/15	<0.000010	0.876	0.137	<0.000010	<0.00010	<0.010	0.000165
	18/11/15	<0.000010	0.908	0.14	<0.000010	<0.00010	<0.010	0.000164
QUL-120a-40m	15/10/15	<0.000010	0.97	0.141	<0.000010	<0.00010	<0.010	0.000166
	18/11/15	<0.000010	0.918	0.139	<0.000010	<0.00010	<0.010	0.000165
QUL-120a-80m	15/10/15	<0.000010	0.954	0.142	<0.000010	<0.00010	<0.010	0.000173
	18/11/15	<0.000010	0.973	0.141	<0.000010	<0.00010	<0.010	0.000168
QUL-120a-120m	15/10/15	<0.000010	0.97	0.143	<0.000010	<0.00010	<0.010	0.000168
	18/11/15	<0.000010	0.954	0.142	<0.000010	<0.00010	<0.010	0.000164
QUL-120a-190m	15/10/15	<0.000010	0.939	0.143	<0.000010	<0.00010	<0.010	0.000169
	18/11/15	<0.000010	0.964	0.147	<0.000010	<0.00010	<0.010	0.000165
QUL-18-0m	15/10/15	<0.000010	0.917	0.137	<0.000010	<0.00010	<0.010	0.000163
	09/11/15	<0.000010	0.889	0.14	<0.000010	<0.00010	<0.010	0.000162
	07/12/15	<0.000010	0.96	0.137	<0.000010	<0.00010	<0.010	0.000164
QUL-18-20	07/12/15	<0.000010	0.94	0.136	<0.000010	<0.00010	<0.010	0.000162
QUL-18-40m	15/10/15	<0.000010	1.02	0.139	<0.000010	<0.00010	<0.010	0.000172
	09/11/15	<0.000010	0.982	0.14	<0.000010	<0.00010	<0.010	0.000165
QUL-18-50	07/12/15	<0.000010	0.969	0.137	<0.000010	<0.00010	<0.010	0.000162
QUL-18-80m	15/10/15	<0.000010	1.08	0.137	<0.000010	<0.00010	<0.010	0.000172
	09/11/15	<0.000010	1.06	0.144	<0.000010	<0.00010	<0.010	0.000175
QUL-18-10	07/12/15	<0.000010	0.955	0.138	<0.000010	<0.00010	<0.010	0.000164
QUL-2a-0m	28/10/15	<0.000010	0.829	0.129	<0.000010	<0.00010	<0.010	0.000164
	09/11/15	<0.000010	0.875	0.137	<0.000010	<0.00010	<0.010	0.000158

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		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)
QUL-120a-0m	15/10/15	<0.00050	<0.0030	0.0062	<0.00010	<0.00010	0.0049	<0.00010
	18/11/15	<0.00050	<0.0030	0.0058	<0.00010	<0.00010	0.00505	<0.00010
QUL-120a-40m	15/10/15	<0.00050	<0.0030	0.0048	<0.00010	<0.00010	0.0051	<0.00010
	18/11/15	<0.00050	<0.0030	0.0057	<0.00010	0.0001	0.00495	<0.00010
QUL-120a-80m	15/10/15	<0.00050	<0.0030	0.0048	<0.00010	<0.00010	0.00503	<0.00010
	18/11/15	<0.00050	<0.0030	0.0093	<0.00010	<0.00010	0.00531	<0.00010
QUL-120a-120m	15/10/15	<0.00050	<0.0030	0.0082	<0.00010	<0.00010	0.00519	<0.00010
	18/11/15	<0.00050	<0.0030	0.006	<0.00010	<0.00010	0.00514	<0.00010
QUL-120a-190m	15/10/15	<0.00050	<0.0030	0.0052	<0.00010	<0.00010	0.00498	<0.00010
	18/11/15	<0.00050	<0.0030	0.0048	<0.00010	<0.00010	0.00503	<0.00010
QUL-18-0m	15/10/15	<0.00050	<0.0030	0.0064	<0.00010	<0.00010	0.00496	<0.00010
	09/11/15	<0.00050	<0.0030	0.0053	<0.00010	<0.00010	0.00474	<0.00010
	07/12/15	<0.00050	<0.0030	0.0053	<0.00010	<0.00010	0.00524	<0.00010
QUL-18-20	07/12/15	<0.00050	<0.0030	0.0058	<0.00010	<0.00010	0.00519	<0.00010
QUL-18-40m	15/10/15	<0.00050	<0.0030	0.0052	<0.00010	<0.00010	0.00538	<0.00010
	09/11/15	<0.00050	<0.0030	0.0051	<0.00010	<0.00010	0.00505	<0.00010
QUL-18-50	07/12/15	<0.00050	<0.0030	0.0057	<0.00010	0.0001	0.00525	<0.00010
QUL-18-80m	15/10/15	<0.00050	<0.0030	0.0053	<0.00010	0.00011	0.00544	<0.00010
	09/11/15	<0.00050	<0.0030	0.0054	<0.00010	0.0001	0.00539	<0.00010
QUL-18-10	07/12/15	<0.00050	<0.0030	0.0073	<0.00010	<0.00010	0.00531	<0.00010
QUL-2a-0m	28/10/15	<0.00050	<0.0030	0.0053	<0.00010	0.00016	0.00517	<0.00010
	09/11/15	<0.00050	<0.0030	0.0054	<0.00010	<0.00010	0.0049	<0.00010

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		Diss-Bismuth (Bi) (mg/L)	Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)
QUL-120a-0m	15/10/15	<0.000050	<0.010	<0.0000050	18.1	<0.00050	<0.00010	<0.00050
	18/11/15	<0.000050	<0.010	<0.0000050	18.1	<0.00050	<0.00010	<0.00050
QUL-120a-40m	15/10/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00057
	18/11/15	<0.000050	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00064
QUL-120a-80m	15/10/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00064
	18/11/15	<0.000050	<0.010	0.0000065	18.6	<0.00050	<0.00010	0.00104
QUL-120a-120m	15/10/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00054
	18/11/15	<0.000050	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00069
QUL-120a-190m	15/10/15	<0.000050	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00067
	18/11/15	<0.000050	<0.010	<0.0000050	18.9	<0.00050	<0.00010	0.00063
QUL-18-0m	15/10/15	<0.000050	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00051
	09/11/15	<0.000050	<0.010	<0.0000050	18.3	<0.00050	<0.00010	<0.00050
	07/12/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00079
QUL-18-20	07/12/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00079
QUL-18-40m	15/10/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00073
	09/11/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00072
QUL-18-50	07/12/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00073
QUL-18-80m	15/10/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00081
	09/11/15	<0.000050	<0.010	<0.0000050	19	<0.00050	<0.00010	0.00092
QUL-18-10	07/12/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00075
QUL-2a-0m	28/10/15	<0.000050	<0.010	<0.0000050	19	<0.00050	<0.00010	<0.00050
	09/11/15	<0.000050	<0.010	<0.0000050	18.4	<0.00050	<0.00010	<0.00050

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		Diss-Iron (Fe) (mg/L)	Diss-Lead (Pb) (mg/L)	Diss-Lithium (Li) (mg/L)	Diss-Magnesium (Mg) (mg/L)	Diss-Manganese (Mn) (mg/L)	Diss-Mercury (Hg) (mg/L)	Diss-Molybdenum (Mo) (mg/L)
QUL-120a-0m	15/10/15	<0.030	<0.000050	<0.0010	1.91	0.00013		0.00028
	18/11/15	<0.030	<0.000050	<0.0010	1.97	0.00025		0.000292
QUL-120a-40m	15/10/15	<0.030	0.000054	0.001	1.99	0.00011		0.000317
	18/11/15	<0.030	0.000426	<0.0010	1.97	0.00025		0.000301
QUL-120a-80m	15/10/15	<0.030	0.000061	<0.0010	2	0.00011		0.000296
	18/11/15	<0.030	0.000565	<0.0010	2.03	0.00033		0.000313
QUL-120a-120m	15/10/15	<0.030	<0.000050	<0.0010	2.02	0.00012		0.000305
	18/11/15	<0.030	0.000178	<0.0010	2.04	0.00016		0.000305
QUL-120a-190m	15/10/15	<0.030	0.000056	<0.0010	2.02	0.00011		0.000292
	18/11/15	<0.030	0.000111	<0.0010	2.02	0.00013		0.000288
QUL-18-0m	15/10/15	<0.030	<0.000050	<0.0010	1.96	0.00011		0.0003
	09/11/15	<0.030	<0.000050	<0.0010	1.97	<0.00010		0.0003
	07/12/15	<0.030	<0.000050	<0.0010	2.05	0.00018		0.000407
QUL-18-20	07/12/15	<0.030	0.000069	<0.0010	2.06	0.00013		0.000393
QUL-18-40m	15/10/15	<0.030	0.000118	<0.0010	2.01	0.00015		0.000415
	09/11/15	<0.030	0.000138	<0.0010	2.04	0.00012		0.000389
QUL-18-50	07/12/15	<0.030	0.000065	<0.0010	2.04	0.00014		0.000402
QUL-18-80m	15/10/15	<0.030	0.000065	<0.0010	2.04	0.00013		0.000448
	09/11/15	<0.030	0.000092	<0.0010	2.1	0.00013		0.000479
QUL-18-10	07/12/15	<0.030	0.000072	<0.0010	2.04	0.00015		0.00041
QUL-2a-0m	28/10/15	<0.030	<0.000050	0.0011	2.02	0.00014		0.000306
	09/11/15	<0.030	<0.000050	<0.0010	2	0.00015		0.000308

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		Diss-Nickel (Ni) (mg/L)	Diss-Potassium (K) (mg/L)	Diss-Selenium (mg/L)	Diss-Silicon (Si) (mg/L)	Diss-Silver (Ag) (mg/L)	Diss-Sodium (Na) (mg/L)	Diss-Strontium (Sr) (mg/L)
QUL-120a-0m	15/10/15	<0.00050	0.475	0.000076	1.43	<0.000010	0.858	0.137
	18/11/15	<0.00050	0.429	0.000098	1.54	<0.000010	0.88	0.134
QUL-120a-40m	15/10/15	<0.00050	0.495	0.000077	1.7	<0.000010	0.937	0.139
	18/11/15	<0.00050	0.437	0.000059	1.54	<0.000010	0.899	0.138
QUL-120a-80m	15/10/15	<0.00050	0.491	0.000104	1.7	<0.000010	0.96	0.139
	18/11/15	<0.00050	0.472	0.000067	1.72	<0.000010	0.981	0.137
QUL-120a-120m	15/10/15	<0.00050	0.478	0.000102	1.72	<0.000010	0.933	0.137
	18/11/15	<0.00050	0.453	0.00008	1.7	<0.000010	0.929	0.139
QUL-120a-190m	15/10/15	<0.00050	0.481	0.000061	1.71	<0.000010	0.955	0.136
	18/11/15	<0.00050	0.442	0.000063	1.7	<0.000010	0.905	0.142
QUL-18-0m	15/10/15	<0.00050	0.484	0.000069	1.46	<0.000010	0.891	0.135
	09/11/15	<0.00050	0.449	0.000077	1.47	<0.000010	0.885	0.136
	07/12/15	<0.00050	0.488	0.000096	1.63	<0.000010	0.94	0.134
QUL-18-20	07/12/15	<0.00050	0.483	0.000094	1.64	<0.000010	0.937	0.133
QUL-18-40m	15/10/15	<0.00050	0.505	0.000118	1.75	<0.000010	1	0.137
	09/11/15	<0.00050	0.476	0.000099	1.7	<0.000010	0.952	0.138
QUL-18-50	07/12/15	<0.00050	0.48	0.000087	1.62	<0.000010	0.927	0.134
QUL-18-80m	15/10/15	<0.00050	0.501	0.000086	1.77	<0.000010	1.06	0.134
	09/11/15	<0.00050	0.493	0.000092	1.8	<0.000010	1.02	0.138
QUL-18-10	07/12/15	<0.00050	0.473	0.000085	1.62	<0.000010	0.915	0.135
QUL-2a-0m	28/10/15	<0.00050	0.431	0.000077	1.47	<0.000010	0.8	0.129
	09/11/15	<0.00050	0.457	0.000085	1.52	<0.000010	0.868	0.135

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		Diss-Thallium (Tl) (mg/L)	Diss-Tin (Sn) (mg/L)	Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
QUL-120a-0m	15/10/15	<0.000010	<0.00010	<0.010	0.000157	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
QUL-120a-40m	15/10/15	<0.000010	<0.00010	<0.010	0.000156	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
QUL-120a-80m	15/10/15	<0.000010	<0.00010	<0.010	0.000154	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.000159	<0.00050	<0.0030
QUL-120a-120m	15/10/15	<0.000010	<0.00010	<0.010	0.000155	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.00016	<0.00050	<0.0030
QUL-120a-190m	15/10/15	<0.000010	<0.00010	<0.010	0.000152	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.000159	<0.00050	<0.0030
QUL-18-0m	15/10/15	<0.000010	<0.00010	<0.010	0.000151	<0.00050	<0.0030
	09/11/15	<0.000010	<0.00010	<0.010	0.000151	<0.00050	<0.0030
	07/12/15	<0.000010	<0.00010	<0.010	0.000155	<0.00050	<0.0030
QUL-18-20	07/12/15	<0.000010	<0.00010	<0.010	0.000161	<0.00050	<0.0030
QUL-18-40m	15/10/15	<0.000010	<0.00010	<0.010	0.000153	<0.00050	<0.0030
	09/11/15	<0.000010	<0.00010	<0.010	0.000153	<0.00050	<0.0030
QUL-18-50	07/12/15	<0.000010	<0.00010	<0.010	0.000159	<0.00050	<0.0030
QUL-18-80m	15/10/15	<0.000010	<0.00010	<0.010	0.000159	<0.00050	<0.0030
	09/11/15	<0.000010	<0.00010	<0.010	0.000159	<0.00050	<0.0030
QUL-18-10	07/12/15	<0.000010	<0.00010	<0.010	0.000159	<0.00050	<0.0030
QUL-2a-0m	28/10/15	<0.000010	<0.00010	<0.010	0.000161	<0.00050	<0.0030
	09/11/15	<0.000010	<0.00010	<0.010	0.000155	<0.00050	<0.0030

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
QUL-2a-0m	07/12/15	110	55.5	7.77	65	<3.0	0.25	48.2
QUL-2a-20	07/12/15	111	54.5	7.78	64	<3.0	0.28	48.3
QUL-2a-40m	28/10/15	113	57.1	7.82	77	<3.0	0.39	50.8
	09/11/15	112	56.1	7.84	68	<3.0	0.53	50.3
	07/12/15	111	54.1	7.8	66	<3.0	0.31	48.5
QUL-2a-60m	28/10/15	112	56.4	7.86	75	<3.0	0.31	51
	09/11/15	114	55.3	7.8	75	<3.0	0.84	50.3
	07/12/15	110	54.9	7.77	64	<3.0	0.31	47.7
QUL-40a-0m	15/10/15	107	54	7.92	63	<3.0	0.24	49.4
	18/11/15	110	53.9	7.9	77	<3.0	0.2	49.8
QUL-40a-40m	15/10/15	111	54.4	7.93	64	<3.0	0.13	52
	18/11/15	112	54.3	7.83	78	<3.0	0.25	50
QUL-40a-80m	15/10/15	110	54.3	7.86	65	<3.0	0.13	51.2
	18/11/15	113	55.2	7.81	77	<3.0	0.12	50.2
QUL-40a-120m	15/10/15	110	55.1	7.87	70	<3.0	0.14	51.2
	18/11/15	113	54.9	7.81	85	<3.0	0.13	51.3
QUL-40a-140m	15/10/15	110	54.2	7.87	69	<3.0	0.17	52
	18/11/15	112	54.8	7.8	76	<3.0	0.14	50.8
QUL-42-0m	28/10/15	110	55.3	7.9	78	<3.0	0.26	50.2
	26/11/15	113	55.2	7.81	63	<3.0	0.62	51.1
	07/12/15	111	55.7	7.79	62	<3.0	0.5	48.4
QUL-42-10m	28/10/15	110	53	7.9	74	<3.0	0.23	49.6
	26/11/15	112	54.1	7.82	65	<3.0	0.8	50.9
	07/12/15	111	54.7	7.8	63	<3.0	0.53	48.2

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		Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)
QUL-2a-0m	07/12/15	<0.0050	<0.50	0.034	0.104	0.104	<0.0010	<0.0010
QUL-2a-20	07/12/15	<0.0050	<0.50	0.032	0.104	0.104	<0.0010	<0.0010
QUL-2a-40 m	28/10/15	<0.0050	<0.50	0.034	0.146	0.146	<0.0010	0.0015
	09/11/15	<0.0050	<0.50	0.036	0.13	0.13	<0.0010	<0.0010
	07/12/15	<0.0050	<0.50	0.033	0.105	0.105	<0.0010	<0.0010
QUL-2a-60 m	28/10/15	<0.0050	<0.50	0.034	0.151	0.151	<0.0010	<0.0010
	09/11/15	<0.0050	<0.50	0.035	0.149	0.149	<0.0010	<0.0010
	07/12/15	<0.0050	<0.50	0.032	0.105	0.105	<0.0010	<0.0010
QUL-40a-0 m	15/10/15	<0.0050	<0.50	0.03	0.0594	0.0594	<0.0010	<0.0010
	18/11/15	<0.0050	<0.50	0.032	0.0859	0.0859	<0.0010	<0.0010
QUL-40a-4 0m	15/10/15	<0.0050	<0.50	0.032	0.146	0.146	<0.0010	<0.0010
	18/11/15	<0.0050	<0.50	0.033	0.119	0.119	<0.0010	<0.0010
QUL-40a-8 0m	15/10/15	<0.0050	<0.50	0.032	0.147	0.147	<0.0010	<0.0010
	18/11/15	<0.0050	<0.50	0.033	0.147	0.147	<0.0010	<0.0010
QUL-40a-1 20m	15/10/15	<0.0050	<0.50	0.032	0.147	0.147	<0.0010	<0.0010
	18/11/15	<0.0050	<0.50	0.033	0.146	0.146	<0.0010	<0.0010
QUL-40a-1 40m	15/10/15	0.0069	<0.50	0.031	0.148	0.148	<0.0010	<0.0010
	18/11/15	<0.0050	<0.50	0.033	0.148	0.148	<0.0010	<0.0010
QUL-42-0m	28/10/15	<0.0050	<0.50	0.031	0.0627	0.0627	<0.0010	0.0012
	26/11/15	<0.0050	<0.50	0.034	0.0993	0.0993	<0.0010	<0.0010
	07/12/15	<0.0050	<0.50	0.033	0.111	0.111	<0.0010	<0.0010
QUL-42-10 m	28/10/15	<0.0050	<0.50	0.032	0.0617	0.0617	<0.0010	<0.0010
	26/11/15	<0.0050	<0.50	0.033	0.098	0.098	<0.0010	<0.0010
	07/12/15	<0.0050	<0.50	0.032	0.109	0.109	<0.0010	<0.0010

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		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)
QUL-2a-0m	07/12/15	<0.0020	0.0024	6.55	0.164	1.84	0.0164	<0.00010
QUL-2a-20	07/12/15	<0.0020	0.0027	6.54	0.162	1.53	0.0235	<0.00010
QUL-2a-40 m	28/10/15	0.0025	<0.0020	6.36	0.203	1.75	0.025	<0.00010
	09/11/15	<0.0020	0.0029	6.53	0.193	1.66	0.0275	<0.00010
	07/12/15	<0.0020	0.0072	6.55	0.159	1.67	0.0178	<0.00010
QUL-2a-60 m	28/10/15	<0.0020	0.0021	6.32	0.199	1.74	0.0257	<0.00010
	09/11/15	<0.0020	0.004	6.62	0.213	1.81	0.0525	<0.00010
	07/12/15	<0.0020	0.0022	6.55	0.149	1.51	0.0177	<0.00010
QUL-40a-0 m	15/10/15	<0.0020	<0.0020	6.53	0.121	1.57	0.0103	<0.00010
	18/11/15	0.0035	0.0024	6.28	0.148	1.41	0.0119	<0.00010
QUL-40a-4 0m	15/10/15	<0.0020	<0.0020	6.32	0.198	1.7	0.0097	<0.00010
	18/11/15	0.003	<0.0020	6.23	0.178	1.52	0.0151	<0.00010
QUL-40a-8 0m	15/10/15	<0.0020	<0.0020	6.31	0.191	1.63	0.0088	<0.00010
	18/11/15	0.0028	0.0021	6.11	0.197	1.42	0.012	<0.00010
QUL-40a-1 20m	15/10/15	<0.0020	<0.0020	6.31	0.191	1.52	0.0097	<0.00010
	18/11/15	0.003	0.0023	6.11	0.197	1.36	0.0095	<0.00010
QUL-40a-1 40m	15/10/15	<0.0020	<0.0020	6.33	0.193	1.55	0.0081	<0.00010
	18/11/15	0.0025	<0.0020	6.13	0.2	1.33	0.011	<0.00010
QUL-42-0m	28/10/15	<0.0020	<0.0020	6.36	0.131	1.39	0.0102	<0.00010
	26/11/15	<0.0020	<0.0020	6.4	0.151	1.43	0.036	<0.00010
	07/12/15	<0.0020	0.0023	6.62	0.168	1.52	0.0386	<0.00010
QUL-42-10 m	28/10/15	<0.0020	<0.0020	6.37	0.138	1.44	0.0102	<0.00010
	26/11/15	<0.0020	0.0024	6.39	0.149	1.47	0.0353	<0.00010
	07/12/15	<0.0020	<0.0020	6.61	0.151	1.48	0.0588	<0.00010

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		Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)
QUL-2a-0m	07/12/15	0.00011	0.00532	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-2a-20	07/12/15	0.00012	0.00529	<0.00010	<0.000050	<0.010	<0.0000050	17.9
QUL-2a-40 m	28/10/15	0.00011	0.00607	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	09/11/15	0.00013	0.00563	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	07/12/15	0.00011	0.00531	<0.00010	<0.000050	<0.010	<0.0000050	18.1
QUL-2a-60 m	28/10/15	0.00014	0.00565	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	09/11/15	0.00014	0.00626	<0.00010	<0.000050	<0.010	<0.0000050	18.8
	07/12/15	0.00011	0.00521	<0.00010	<0.000050	<0.010	<0.0000050	17.8
QUL-40a-0 m	15/10/15	0.00012	0.00472	<0.00010	<0.000050	<0.010	<0.0000050	17.4
	18/11/15	0.00011	0.00506	<0.00010	<0.000050	<0.010	<0.0000050	17.8
QUL-40a-4 0m	15/10/15	0.00013	0.00499	<0.00010	<0.000050	<0.010	<0.0000050	17.9
	18/11/15	0.00013	0.00535	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-40a-8 0m	15/10/15	0.00013	0.00514	<0.00010	0.000085	<0.010	<0.0000050	18.1
	18/11/15	0.00013	0.00524	<0.00010	<0.000050	<0.010	<0.0000050	18.4
QUL-40a-1 20m	15/10/15	0.00013	0.00508	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	18/11/15	0.00012	0.00515	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-40a-1 40m	15/10/15	0.0001	0.00511	<0.00010	<0.000050	<0.010	<0.0000050	18.5
	18/11/15	0.00014	0.00559	<0.00010	<0.000050	<0.010	0.0000059	18.4
QUL-42-0m	28/10/15	0.00012	0.00518	<0.00010	<0.000050	<0.010	<0.0000050	17.7
	26/11/15	0.00012	0.00589	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	07/12/15	0.00011	0.00544	<0.00010	<0.000050	<0.010	<0.0000050	18
QUL-42-10 m	28/10/15	0.00012	0.00513	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	26/11/15	0.00012	0.00594	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	07/12/15	0.00012	0.00569	<0.00010	<0.000050	<0.010	<0.0000050	18.1

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		Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)	Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)
QUL-2a-0m	07/12/15	<0.00050	<0.00010	0.00074	<0.030	<0.000050	<0.0010	2.05
QUL-2a-20	07/12/15	<0.00050	<0.00010	0.00082	<0.030	0.000233	<0.0010	2
QUL-2a-40 m	28/10/15	<0.00050	<0.00010	0.00115	<0.030	0.000051	0.0011	2.02
	09/11/15	<0.00050	<0.00010	0.00114	<0.030	0.0003	<0.0010	2.05
	07/12/15	<0.00050	<0.00010	0.00091	0.03	0.000164	<0.0010	2.04
QUL-2a-60 m	28/10/15	<0.00050	<0.00010	0.00133	<0.030	0.000073	0.0011	2.01
	09/11/15	<0.00050	<0.00010	0.00181	0.035	0.000163	<0.0010	2.14
	07/12/15	<0.00050	<0.00010	0.0008	<0.030	0.000101	<0.0010	1.98
QUL-40a-0 m	15/10/15	<0.00050	<0.00010	0.0005	<0.030	<0.000050	0.001	1.88
	18/11/15	<0.00050	<0.00010	0.0006	<0.030	0.00313	<0.0010	1.95
QUL-40a-4 0m	15/10/15	<0.00050	<0.00010	0.00065	<0.030	<0.000050	0.0011	1.96
	18/11/15	<0.00050	<0.00010	0.00081	<0.030	0.000069	<0.0010	1.99
QUL-40a-8 0m	15/10/15	<0.00050	<0.00010	0.00059	<0.030	<0.000050	0.001	1.99
	18/11/15	<0.00050	<0.00010	0.00079	<0.030	0.000074	<0.0010	2.02
QUL-40a-1 20m	15/10/15	<0.00050	<0.00010	0.00068	<0.030	0.000053	<0.0010	1.98
	18/11/15	<0.00050	<0.00010	0.00067	<0.030	<0.000050	<0.0010	1.99
QUL-40a-1 40m	15/10/15	<0.00050	<0.00010	0.00061	<0.030	<0.000050	0.0011	1.99
	18/11/15	<0.00050	<0.00010	0.00068	<0.030	0.000052	<0.0010	2.01
QUL-42-0m	28/10/15	<0.00050	<0.00010	0.00065	<0.030	0.000064	<0.0010	1.91
	26/11/15	<0.00050	<0.00010	0.00117	<0.030	<0.000050	<0.0010	2.01
	07/12/15	<0.00050	<0.00010	0.00125	<0.030	<0.000050	<0.0010	2.02
QUL-42-10 m	28/10/15	<0.00050	<0.00010	0.00063	<0.030	0.00009	0.0011	1.97
	26/11/15	<0.00050	<0.00010	0.00118	<0.030	0.000125	<0.0010	2.02
	07/12/15	<0.00050	<0.00010	0.00133	<0.030	0.000092	<0.0010	2.05

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		Total Manganese (mg/L)	Mercury (Hg)-Total (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)
QUL-2a-0m	07/12/15	0.00111		0.000355	<0.00050	0.48	0.000091	1.66
QUL-2a-20	07/12/15	0.00113		0.000353	<0.00050	0.465	0.000091	1.62
QUL-2a-40 m	28/10/15	0.00134		0.000468	<0.00050	0.479	0.000107	1.78
	09/11/15	0.00145		0.000454	<0.00050	0.499	0.000098	1.78
	07/12/15	0.0013		0.00036	<0.00050	0.487	0.000096	1.64
QUL-2a-60 m	28/10/15	0.00144		0.00044	<0.00050	0.49	0.000103	1.73
	09/11/15	0.00208		0.000579	<0.00050	0.505	0.000102	1.95
	07/12/15	0.00209		0.00034	<0.00050	0.471	0.000091	1.6
QUL-40a-0 m	15/10/15	0.00094		0.000323	<0.00050	0.468	0.000065	1.44
	18/11/15	0.0012		0.000321	<0.00050	0.46	0.000101	1.56
QUL-40a-4 0m	15/10/15	0.00077		0.000371	0.00052	0.474	0.000093	1.7
	18/11/15	0.00119		0.000343	<0.00050	0.442	0.000093	1.68
QUL-40a-8 0m	15/10/15	0.00063		0.000436	<0.00050	0.469	0.000101	1.7
	18/11/15	0.0007		0.000329	<0.00050	0.458	0.000083	1.73
QUL-40a-1 20m	15/10/15	0.00079		0.000342	<0.00050	0.476	0.000105	1.71
	18/11/15	0.00077		0.000308	<0.00050	0.45	0.000079	1.71
QUL-40a-1 40m	15/10/15	0.00102		0.000316	<0.00050	0.466	0.000101	1.73
	18/11/15	0.00096		0.000306	<0.00050	0.479	0.000089	1.72
QUL-42-0m	28/10/15	0.0008		0.000318	<0.00050	0.451	0.000078	1.43
	26/11/15	0.00149		0.000409	<0.00050	0.504	0.000086	1.63
	07/12/15	0.00127		0.000395	<0.00050	0.498	0.000091	1.66
QUL-42-10 m	28/10/15	0.00089		0.000359	<0.00050	0.483	0.000081	1.47
	26/11/15	0.00185		0.000436	<0.00050	0.508	0.000099	1.63
	07/12/15	0.00147		0.000403	<0.00050	0.498	0.000101	1.66

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		Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
QUL-2a-0m	07/12/15	<0.000010	0.913	0.138	<0.000010	<0.00010	<0.010	0.000158
QUL-2a-20	07/12/15	<0.000010	0.883	0.136	<0.000010	<0.00010	<0.010	0.000156
QUL-2a-40 m	28/10/15	<0.000010	0.945	0.131	<0.000010	<0.00010	<0.010	0.000179
	09/11/15	<0.000010	1.01	0.142	<0.000010	<0.00010	<0.010	0.000171
	07/12/15	<0.000010	0.921	0.138	<0.000010	<0.00010	<0.010	0.000159
QUL-2a-60 m	28/10/15	<0.000010	1	0.136	<0.000010	<0.00010	<0.010	0.000169
	09/11/15	<0.000010	1.08	0.143	<0.000010	<0.00010	<0.010	0.000176
	07/12/15	<0.000010	0.901	0.134	<0.000010	<0.00010	<0.010	0.000157
QUL-40a-0 m	15/10/15	<0.000010	0.893	0.137	<0.000010	<0.00010	<0.010	0.000162
	18/11/15	<0.000010	0.93	0.14	<0.000010	<0.00010	<0.010	0.000165
QUL-40a-4 0m	15/10/15	<0.000010	0.957	0.138	<0.000010	<0.00010	<0.010	0.000161
	18/11/15	<0.000010	0.945	0.14	<0.000010	<0.00010	<0.010	0.000165
QUL-40a-8 0m	15/10/15	<0.000010	0.991	0.14	<0.000010	<0.00010	<0.010	0.000171
	18/11/15	<0.000010	0.978	0.143	<0.000010	<0.00010	<0.010	0.000166
QUL-40a-1 20m	15/10/15	<0.000010	0.984	0.138	<0.000010	<0.00010	<0.010	0.000168
	18/11/15	<0.000010	0.932	0.142	<0.000010	<0.00010	<0.010	0.000161
QUL-40a-1 40m	15/10/15	<0.000010	0.949	0.142	<0.000010	<0.00010	<0.010	0.000164
	18/11/15	<0.000010	1.01	0.143	<0.000010	<0.00010	<0.010	0.000165
QUL-42-0m	28/10/15	<0.000010	0.842	0.13	<0.000010	<0.00010	<0.010	0.000166
	26/11/15	<0.000010	0.97	0.143	<0.000010	<0.00010	<0.010	0.000177
	07/12/15	<0.000010	0.953	0.136	<0.000010	<0.00010	<0.010	0.000162
QUL-42-10 m	28/10/15	<0.000010	0.885	0.136	<0.000010	<0.00010	<0.010	0.000173
	26/11/15	<0.000010	0.972	0.146	<0.000010	<0.00010	<0.010	0.000177
	07/12/15	<0.000010	0.967	0.137	<0.000010	<0.00010	<0.010	0.000162

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		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)
QUL-2a-0m	07/12/15	<0.00050	<0.0030	0.0051	<0.00010	<0.00010	0.00512	<0.00010
QUL-2a-20	07/12/15	<0.00050	<0.0030	0.0053	<0.00010	<0.00010	0.00508	<0.00010
QUL-2a-40 m	28/10/15	<0.00050	<0.0030	0.0055	<0.00010	0.00023	0.0057	<0.00010
	09/11/15	<0.00050	<0.0030	0.0057	<0.00010	<0.00010	0.00513	<0.00010
	07/12/15	<0.00050	<0.0030	0.0049	<0.00010	<0.00010	0.00512	<0.00010
QUL-2a-60 m	28/10/15	<0.00050	<0.0030	0.0057	<0.00010	0.00024	0.00567	<0.00010
	09/11/15	<0.00050	<0.0030	0.0055	<0.00010	<0.00010	0.00548	<0.00010
	07/12/15	<0.00050	0.0068	0.0051	<0.00010	<0.00010	0.00511	<0.00010
QUL-40a-0 m	15/10/15	<0.00050	<0.0030	0.0059	<0.00010	<0.00010	0.00478	<0.00010
	18/11/15	<0.00050	<0.0030	0.0064	<0.00010	<0.00010	0.00505	<0.00010
QUL-40a-4 0m	15/10/15	<0.00050	<0.0030	0.0061	<0.00010	<0.00010	0.00517	<0.00010
	18/11/15	<0.00050	<0.0030	0.0067	<0.00010	<0.00010	0.0052	<0.00010
QUL-40a-8 0m	15/10/15	<0.00050	<0.0030	0.0043	<0.00010	<0.00010	0.00503	<0.00010
	18/11/15	<0.00050	<0.0030	0.0048	<0.00010	<0.00010	0.00512	<0.00010
QUL-40a-1 20m	15/10/15	<0.00050	<0.0030	0.005	<0.00010	<0.00010	0.00497	<0.00010
	18/11/15	<0.00050	<0.0030	0.0058	<0.00010	<0.00010	0.00519	<0.00010
QUL-40a-1 40m	15/10/15	<0.00050	<0.0030	0.0049	<0.00010	0.00011	0.00506	<0.00010
	18/11/15	<0.00050	<0.0030	0.0046	<0.00010	<0.00010	0.00519	<0.00010
QUL-42-0m	28/10/15	<0.00050	<0.0030	0.005	<0.00010	0.00019	0.00499	<0.00010
	26/11/15	<0.00050	<0.0030	0.0051	<0.00010	0.00011	0.00536	<0.00010
	07/12/15	<0.00050	<0.0030	0.0063	<0.00010	<0.00010	0.00514	<0.00010
QUL-42-10 m	28/10/15	<0.00050	<0.0030	0.0051	<0.00010	0.00019	0.00499	<0.00010
	26/11/15	<0.00050	<0.0030	0.0062	<0.00010	<0.00010	0.00533	<0.00010
	07/12/15	<0.00050	<0.0030	0.0053	<0.00010	<0.00010	0.00518	<0.00010

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		Diss-Bismuth (Bi) (mg/L)	Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)
QUL-2a-0m	07/12/15	<0.000050	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00056
QUL-2a-20	07/12/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00055
QUL-2a-40 m	28/10/15	<0.000050	<0.010	<0.0000050	19.3	<0.00050	<0.00010	0.00078
	09/11/15	<0.000050	<0.010	<0.0000050	19	<0.00050	<0.00010	0.00077
	07/12/15	<0.000050	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00054
QUL-2a-60 m	28/10/15	<0.000050	<0.010	<0.0000050	19.1	<0.00050	<0.00010	0.00083
	09/11/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00096
	07/12/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00054
QUL-40a-0 m	15/10/15	<0.000050	<0.010	<0.0000050	18.4	<0.00050	<0.00010	<0.00050
	18/11/15	<0.000050	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00057
QUL-40a-4 0m	15/10/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00058
	18/11/15	<0.000050	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00066
QUL-40a-8 0m	15/10/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00053
	18/11/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.0006
QUL-40a-1 20m	15/10/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00057
	18/11/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.0007
QUL-40a-1 40m	15/10/15	<0.000050	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00057
	18/11/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00061
QUL-42-0m	28/10/15	<0.000050	<0.010	<0.0000050	18.8	<0.00050	<0.00010	<0.00050
	26/11/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00063
	07/12/15	<0.000050	<0.010	<0.0000050	18.9	<0.00050	<0.00010	0.00071
QUL-42-10 m	28/10/15	<0.000050	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00058
	26/11/15	<0.000050	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00067
	07/12/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00097

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		Diss-Iron (Fe) (mg/L)	Diss-Lead (Pb) (mg/L)	Diss-Lithium (Li) (mg/L)	Diss-Magnesium (Mg) (mg/L)	Diss-Manganese (Mn) (mg/L)	Diss-Mercury (Hg) (mg/L)	Diss-Molybdenum (Mo) (mg/L)
QUL-2a-0m	07/12/15	<0.030	<0.000050	<0.0010	2.08	0.00026		0.000352
QUL-2a-20	07/12/15	<0.030	0.000374	<0.0010	2.03	0.0003		0.000337
QUL-2a-40 m	28/10/15	<0.030	0.000097	0.0011	2.13	0.00018		0.000478
	09/11/15	<0.030	0.000264	<0.0010	2.09	0.00019		0.0004
	07/12/15	<0.030	0.000214	<0.0010	2.02	0.00017		0.000338
QUL-2a-60 m	28/10/15	<0.030	0.000086	0.001	2.1	0.00015		0.000448
	09/11/15	<0.030	0.000146	<0.0010	2.06	0.00031		0.000505
	07/12/15	<0.030	0.000117	<0.0010	2.06	0.00012		0.000342
QUL-40a-0 m	15/10/15	<0.030	<0.000050	<0.0010	1.97	0.00016		0.000287
	18/11/15	<0.030	<0.000050	<0.0010	1.99	0.00036		0.000297
QUL-40a-4 0m	15/10/15	<0.030	<0.000050	<0.0010	2	0.00017		0.000344
	18/11/15	<0.030	0.000127	<0.0010	2	0.00031		0.000322
QUL-40a-8 0m	15/10/15	<0.030	<0.000050	<0.0010	1.99	0.0001		0.000313
	18/11/15	<0.030	0.000093	<0.0010	2.04	0.00011		0.000299
QUL-40a-1 20m	15/10/15	<0.030	<0.000050	<0.0010	2.02	0.00016		0.000318
	18/11/15	<0.030	0.000119	<0.0010	2.03	0.00016		0.000305
QUL-40a-1 40m	15/10/15	<0.030	<0.000050	<0.0010	1.99	0.00029		0.00029
	18/11/15	<0.030	0.000075	<0.0010	2.02	0.00016		0.000284
QUL-42-0m	28/10/15	<0.030	<0.000050	<0.0010	2.04	0.00012		0.000319
	26/11/15	<0.030	<0.000050	<0.0010	2.05	0.00018		0.000376
	07/12/15	<0.030	<0.000050	<0.0010	2.07	0.00018		0.00039
QUL-42-10 m	28/10/15	<0.030	0.000101	<0.0010	1.92	0.00011		0.00032
	26/11/15	<0.030	0.000175	0.0011	2.01	0.00049		0.000399
	07/12/15	<0.030	0.00009	<0.0010	2.03	0.00016		0.000394

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		Diss-Nickel (Ni) (mg/L)	Diss-Potassium (K) (mg/L)	Diss-Selenium (mg/L)	Diss-Silicon (Si) (mg/L)	Diss-Silver (Ag) (mg/L)	Diss-Sodium (Na) (mg/L)	Diss-Strontium (Sr) (mg/L)
QUL-2a-0m	07/12/15	<0.00050	0.48	0.000087	1.64	<0.000010	0.901	0.136
QUL-2a-20	07/12/15	<0.00050	0.475	0.00008	1.6	<0.000010	0.89	0.135
QUL-2a-40 m	28/10/15	<0.00050	0.472	0.000097	1.77	<0.000010	0.95	0.131
	09/11/15	<0.00050	0.475	0.000099	1.73	<0.000010	0.981	0.139
	07/12/15	<0.00050	0.471	0.000071	1.6	<0.000010	0.892	0.134
QUL-2a-60 m	28/10/15	<0.00050	0.494	0.000069	1.74	<0.000010	0.969	0.131
	09/11/15	<0.00050	0.483	0.000082	1.76	<0.000010	1.04	0.138
	07/12/15	<0.00050	0.465	0.000087	1.63	<0.000010	0.893	0.134
QUL-40a-0 m	15/10/15	<0.00050	0.459	0.000096	1.49	<0.000010	0.851	0.134
	18/11/15	<0.00050	0.443	0.000086	1.55	<0.000010	0.905	0.135
QUL-40a-4 0m	15/10/15	<0.00050	0.482	0.000089	1.71	<0.000010	0.955	0.138
	18/11/15	<0.00050	0.458	0.000078	1.63	<0.000010	0.95	0.138
QUL-40a-8 0m	15/10/15	<0.00050	0.475	0.000108	1.68	<0.000010	0.921	0.139
	18/11/15	<0.00050	0.439	0.000086	1.71	<0.000010	0.93	0.14
QUL-40a-1 20m	15/10/15	<0.00050	0.473	0.000085	1.72	<0.000010	0.905	0.139
	18/11/15	<0.00050	0.456	0.00007	1.69	<0.000010	0.955	0.139
QUL-40a-1 40m	15/10/15	<0.00050	0.468	0.000085	1.67	<0.000010	0.922	0.136
	18/11/15	<0.00050	0.461	0.000092	1.69	<0.000010	0.965	0.137
QUL-42-0m	28/10/15	<0.00050	0.469	0.000105	1.47	<0.000010	0.852	0.129
	26/11/15	<0.00050	0.483	0.000094	1.56	<0.000010	0.933	0.144
	07/12/15	<0.00050	0.479	0.000079	1.64	<0.000010	0.941	0.133
QUL-42-10 m	28/10/15	<0.00050	0.447	0.00008	1.41	<0.000010	0.835	0.131
	26/11/15	<0.00050	0.491	0.000074	1.56	<0.000010	0.933	0.151
	07/12/15	<0.00050	0.479	0.000081	1.63	<0.000010	0.932	0.138

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		Diss-Thallium (Tl) (mg/L)	Diss-Tin (Sn) (mg/L)	Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
QUL-2a-0m	07/12/15	<0.000010	<0.00010	<0.010	0.000154	<0.00050	<0.0030
QUL-2a-20	07/12/15	<0.000010	<0.00010	<0.010	0.000153	<0.00050	<0.0030
QUL-2a-40 m	28/10/15	<0.000010	<0.00010	<0.010	0.000178	<0.00050	<0.0030
	09/11/15	<0.000010	<0.00010	<0.010	0.000157	<0.00050	<0.0030
	07/12/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
QUL-2a-60 m	28/10/15	<0.000010	<0.00010	<0.010	0.000173	<0.00050	<0.0030
	09/11/15	<0.000010	<0.00010	<0.010	0.000162	<0.00050	<0.0030
	07/12/15	<0.000010	<0.00010	<0.010	0.000156	<0.00050	<0.0030
QUL-40a-0 m	15/10/15	<0.000010	<0.00010	<0.010	0.000151	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.000155	<0.00050	<0.0030
QUL-40a-4 0m	15/10/15	<0.000010	<0.00010	<0.010	0.000155	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.000159	<0.00050	<0.0030
QUL-40a-8 0m	15/10/15	<0.000010	<0.00010	<0.010	0.000157	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
QUL-40a-1 20m	15/10/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
QUL-40a-1 40m	15/10/15	<0.000010	<0.00010	<0.010	0.000152	<0.00050	<0.0030
	18/11/15	<0.000010	<0.00010	<0.010	0.00016	<0.00050	<0.0030
QUL-42-0m	28/10/15	<0.000010	<0.00010	<0.010	0.00016	<0.00050	<0.0030
	26/11/15	<0.000010	<0.00010	<0.010	0.000159	<0.00050	<0.0030
	07/12/15	<0.000010	<0.00010	<0.010	0.000159	<0.00050	<0.0030
QUL-42-10 m	28/10/15	<0.000010	<0.00010	<0.010	0.000164	<0.00050	<0.0030
	26/11/15	<0.000010	<0.00010	<0.010	0.000163	<0.00050	<0.0030
	07/12/15	<0.000010	<0.00010	<0.010	0.000163	<0.00050	<0.0030

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
QUL-42-20 m	28/10/15	112	54.4	7.89	76	<3.0	0.35	49.9
	26/11/15	113	54.6	7.84	69	<3.0	0.62	50.3
	07/12/15	111	55.2	7.79	68	<3.0	0.51	48.6
QUL-55-0m	15/10/15	106	53.6	7.94	64	<3.0	0.28	50.3
	20/10/15	107	53.6	7.89	55	<3.0	0.23	48.7
	28/10/15	110	54.2	7.89	69	<3.0	0.25	50.4
QUL-55-15 m	15/10/15	106	53.5	7.92	68	<3.0	0.24	51
	20/10/15	105	54.3	7.89	53	<3.0	0.26	49.9
	28/10/15	111	53.9	7.91	78	<3.0	0.29	52.9
QUL-55-30 m	15/10/15	109	55.1	7.86	64	<3.0	0.26	51.3
	20/10/15	106	54.7	7.78	51	<3.0	0.27	50
	28/10/15	112	55	7.82	75	3.5	0.7	49.9
QUL-55a-0	05/10/15	109	54.6	7.84	82	<3.0	0.3	50.1
QUL-55a-5	05/10/15	107	54.2	7.84	87	<3.0	0.29	50.8
QUL-55a-11	05/10/15	107	53.3	7.86	73	<3.0	0.33	50.5
QUL-57-S	09/12/15	112	52.9	7.8	59	<3.0	0.5	47.5
	14/12/15	113	56.6	7.85	67	<3.0	0.61	50.3
	21/12/15	113	54.6	7.89	64	<3.0	0.46	49.3
QUL-57-MI D	09/12/15	112	53.1	7.79	65	<3.0	0.49	48.3
	14/12/15	114	56.2	7.86	67	<3.0	0.55	50.9
	21/12/15	114	55.4	7.9	66	<3.0	0.49	49.1
QUL-57-B	09/12/15	112	53.2	7.8	67	<3.0	0.49	47.9
	14/12/15	113	56.8	7.87	71	<3.0	0.55	50.3
	21/12/15	114	55.2	7.87	65	<3.0	0.55	48.3

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		Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)
QUL-42-20 m	28/10/15	<0.0050	<0.50	0.032	0.0989	0.0989	<0.0010	<0.0010
	26/11/15	<0.0050	<0.50	0.033	0.0975	0.0975	<0.0010	<0.0010
	07/12/15	<0.0050	<0.50	0.034	0.108	0.108	<0.0010	<0.0010
QUL-55-0m	15/10/15	<0.0050	<0.50	0.03	0.0559	0.0559	<0.0010	<0.0010
	20/10/15	<0.0050	<0.50	0.032	0.0557	0.0557	<0.0010	<0.0010
	28/10/15	<0.0050	<0.50	0.031	0.0609	0.0609	<0.0010	<0.0010
QUL-55-15 m	15/10/15	<0.0050	<0.50	0.03	0.0556	0.0556	<0.0010	<0.0010
	20/10/15	<0.0050	<0.50	0.033	0.0555	0.0555	<0.0010	<0.0010
	28/10/15	<0.0050	<0.50	0.031	0.0614	0.0614	<0.0010	<0.0010
QUL-55-30 m	15/10/15	<0.0050	<0.50	0.032	0.143	0.143	<0.0010	<0.0010
	20/10/15	<0.0050	<0.50	0.034	0.144	0.144	<0.0010	<0.0010
	28/10/15	<0.0050	<0.50	0.033	0.135	0.135	<0.0010	0.0011
QUL-55a-0	05/10/15	<0.0050	<0.50	0.031	0.0538	0.0538	<0.0010	<0.0010
QUL-55a-5	05/10/15	<0.0050	<0.50	0.031	0.0544	0.0544	<0.0010	0.0021
QUL-55a-11	05/10/15	<0.0050	<0.50	0.031	0.0534	0.0534	<0.0010	0.0027
QUL-57-S	09/12/15	<0.0050	<0.50	0.033	0.109	0.109	<0.0010	<0.0010
	14/12/15	<0.0050	<0.50	0.035	0.114	0.114	<0.0010	<0.0010
	21/12/15	<0.0050	<0.50	0.036	0.115	0.115	<0.0010	<0.0010
QUL-57-MI D	09/12/15	<0.0050	<0.50	0.033	0.109	0.109	<0.0010	<0.0010
	14/12/15	<0.0050	<0.50	0.035	0.115	0.115	<0.0010	<0.0010
	21/12/15	<0.0050	<0.50	0.036	0.114	0.114	<0.0010	<0.0010
QUL-57-B	09/12/15	<0.0050	<0.50	0.033	0.109	0.109	<0.0010	<0.0010
	14/12/15	<0.0050	<0.50	0.035	0.114	0.114	<0.0010	<0.0010
	21/12/15	<0.0050	<0.50	0.036	0.115	0.115	<0.0010	<0.0010

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		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)
QUL-42-20 m	28/10/15	<0.0020	<0.0020	6.34	0.147	1.39	0.016	<0.00010
	26/11/15	<0.0020	0.002	6.4	0.159	1.41	0.0376	<0.00010
	07/12/15	<0.0020	0.002	6.61	0.15	1.48	0.0333	<0.00010
QUL-55-0m	15/10/15	<0.0020	<0.0020	6.45	0.12	1.61	0.0151	<0.00010
	20/10/15	<0.0020	<0.0020	6.28	0.145	1.35	0.0102	<0.00010
	28/10/15	<0.0020	<0.0020	6.37	0.16	1.62	0.013	<0.00010
QUL-55-15 m	15/10/15	<0.0020	<0.0020	6.46	0.122	1.68	0.0132	<0.00010
	20/10/15	<0.0020	<0.0020	6.3	0.114	1.32	0.0138	<0.00010
	28/10/15	<0.0020	<0.0020	6.38	0.116	1.36	0.0174	<0.00010
QUL-55-30 m	15/10/15	<0.0020	0.0026	6.39	0.2	1.63	0.021	<0.00010
	20/10/15	<0.0020	0.0029	6.21	0.192	1.41	0.0219	<0.00010
	28/10/15	<0.0020	0.0045	6.26	0.186	1.44	0.0725	<0.00010
QUL-55a-0	05/10/15	<0.0020	<0.0020	6.46	0.125	1.64	0.0121	<0.00010
QUL-55a-5	05/10/15	0.0023	0.0092	6.46	0.12	1.71	0.0124	<0.00010
QUL-55a-11	05/10/15	0.0036	0.0061	6.46	0.12	1.6	0.0134	<0.00010
QUL-57-S	09/12/15	<0.0020	0.0022	6.65	0.156	1.49	0.0393	<0.00010
	14/12/15	<0.0020	0.0058	6.57	0.17	1.3	0.0397	<0.00010
	21/12/15	<0.0020	<0.0020	6.8	0.185	1.65	0.0343	<0.00010
QUL-57-MI D	09/12/15	<0.0020	0.0022	6.69	0.153	1.57	0.0387	<0.00010
	14/12/15	<0.0020	0.002	6.59	0.172	1.26	0.036	<0.00010
	21/12/15	<0.0020	0.0023	6.76	0.163	1.7	0.0378	<0.00010
QUL-57-B	09/12/15	0.0022	<0.0020	6.69	0.156	1.56	0.0426	<0.00010
	14/12/15	<0.0020	<0.0020	6.55	0.171	1.38	0.0364	<0.00010
	21/12/15	<0.0020	0.0023	6.87	0.152	1.77	0.042	<0.00010

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		Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)
QUL-42-20 m	28/10/15	0.00012	0.00529	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	26/11/15	0.00013	0.00639	<0.00010	<0.000050	<0.010	<0.0000050	18.6
	07/12/15	0.00011	0.00578	<0.00010	<0.000050	<0.010	<0.0000050	18.5
QUL-55-0m	15/10/15	0.00012	0.00512	<0.00010	<0.000050	<0.010	<0.0000050	17.6
	20/10/15	<0.00010	0.00486	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	28/10/15	0.00011	0.00552	<0.00010	<0.000050	<0.010	<0.0000050	18.1
QUL-55-15 m	15/10/15	0.00011	0.00482	<0.00010	<0.000050	<0.010	<0.0000050	17.2
	20/10/15	0.00011	0.00483	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	28/10/15	0.00011	0.00549	<0.00010	<0.000050	<0.010	<0.0000050	18.6
QUL-55-30 m	15/10/15	0.00011	0.00554	<0.00010	<0.000050	<0.010	<0.0000050	17.9
	20/10/15	0.00013	0.00541	<0.00010	<0.000050	<0.010	<0.0000050	18.8
	28/10/15	0.00015	0.00649	<0.00010	<0.000050	<0.010	<0.0000050	18.3
QUL-55a-0	05/10/15	<0.00010	0.005	<0.00010	<0.000050	<0.010	<0.0000050	17.5
QUL-55a-5	05/10/15	0.00011	0.00494	<0.00010	<0.000050	<0.010	<0.0000050	18
QUL-55a-11	05/10/15	0.00011	0.00523	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-57-S	09/12/15	0.00012	0.00586	<0.00010	<0.000050	<0.010	<0.0000050	17.6
	14/12/15	0.00012	0.00593	<0.00010	<0.000050	<0.010	<0.0000050	18.6
	21/12/15	0.00013	0.00578	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-57-MI D	09/12/15	0.00012	0.00588	<0.00010	<0.000050	<0.010	<0.0000050	17.6
	14/12/15	0.00012	0.00591	<0.00010	<0.000050	<0.010	<0.0000050	17.9
	21/12/15	0.00012	0.0058	<0.00010	<0.000050	<0.010	<0.0000050	18.4
QUL-57-B	09/12/15	0.00018	0.00571	<0.00010	<0.000050	<0.010	<0.0000050	17.7
	14/12/15	0.00012	0.00589	<0.00010	<0.000050	<0.010	<0.0000050	18.6
	21/12/15	0.00014	0.00595	<0.00010	<0.000050	<0.010	<0.0000050	18.5

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		Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)	Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)
QUL-42-20 m	28/10/15	<0.00050	<0.00010	0.00071	<0.030	<0.000050	0.001	1.97
	26/11/15	<0.00050	<0.00010	0.00151	<0.030	0.000157	<0.0010	2.06
	07/12/15	<0.00050	<0.00010	0.00138	<0.030	0.000067	<0.0010	2.06
QUL-55-0m	15/10/15	<0.00050	<0.00010	0.00072	<0.030	<0.000050	0.001	1.91
	20/10/15	<0.00050	<0.00010	0.00054	<0.030	<0.000050	<0.0010	2
	28/10/15	<0.00050	<0.00010	0.00064	<0.030	<0.000050	<0.0010	1.96
QUL-55-15 m	15/10/15	<0.00050	<0.00010	0.00057	<0.030	<0.000050	0.0011	1.85
	20/10/15	<0.00050	<0.00010	0.00066	<0.030	0.000162	<0.0010	1.96
	28/10/15	<0.00050	<0.00010	0.00095	<0.030	0.000307	<0.0010	2.06
QUL-55-30 m	15/10/15	<0.00050	<0.00010	0.00089	<0.030	<0.000050	0.001	1.98
	20/10/15	<0.00050	<0.00010	0.00111	<0.030	0.000125	<0.0010	2.08
	28/10/15	<0.00050	<0.00010	0.00139	0.078	0.000142	0.0011	2.05
QUL-55a-0	05/10/15	<0.00050	<0.00010	0.00059	<0.030	<0.000050	<0.0010	1.91
QUL-55a-5	05/10/15	<0.00050	<0.00010	0.0007	<0.030	0.000122	0.001	1.96
QUL-55a-11	05/10/15	<0.00050	<0.00010	0.00066	<0.030	0.000085	<0.0010	2
QUL-57-S	09/12/15	<0.00050	<0.00010	0.00155	<0.030	0.000053	<0.0010	2.02
	14/12/15	<0.00050	<0.00010	0.00141	<0.030	<0.000050	<0.0010	2.11
	21/12/15	<0.00050	<0.00010	0.00141	<0.030	<0.000050	0.0011	2.02
QUL-57-MI D	09/12/15	<0.00050	<0.00010	0.00149	<0.030	0.000092	<0.0010	2.05
	14/12/15	<0.00050	<0.00010	0.00144	<0.030	<0.000050	<0.0010	2.02
	21/12/15	<0.00050	<0.00010	0.0017	<0.030	<0.000050	<0.0010	2.05
QUL-57-B	09/12/15	<0.00050	<0.00010	0.00159	<0.030	0.000068	<0.0010	2.04
	14/12/15	<0.00050	<0.00010	0.00131	<0.030	<0.000050	<0.0010	2.06
	21/12/15	<0.00050	<0.00010	0.00158	<0.030	<0.000050	0.001	2.06

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Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Total Manganese (mg/L)	Mercury (Hg)-Total (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)
QUL-42-20 m	28/10/15	0.00126		0.000363	<0.00050	0.488	0.000085	1.56
	26/11/15	0.00161		0.000425	<0.00050	0.51	0.000096	1.67
	07/12/15	0.00145		0.000413	<0.00050	0.502	0.000095	1.7
QUL-55-0m	15/10/15	0.00105		0.000334	<0.00050	0.485	0.000078	1.44
	20/10/15	0.00086		0.000297	<0.00050	0.471	0.000114	1.49
	28/10/15	0.00121		0.000332	<0.00050	0.458	0.000093	1.46
QUL-55-15 m	15/10/15	0.00083		0.00034	<0.00050	0.463	0.000106	1.4
	20/10/15	0.00163		0.000302	<0.00050	0.462	0.000077	1.47
	28/10/15	0.00122		0.000336	<0.00050	0.479	0.0001	1.53
QUL-55-30 m	15/10/15	0.00096		0.000422	<0.00050	0.502	0.000097	1.74
	20/10/15	0.00109		0.000402	<0.00050	0.489	0.000098	1.81
	28/10/15	0.00371		0.000399	0.00081	0.516	0.000101	1.79
QUL-55a-0	05/10/15	0.00098		0.000386	<0.00050	0.469	0.000078	1.4
QUL-55a-5	05/10/15	0.00109		0.00034	<0.00050	0.469	0.000065	1.44
QUL-55a-11	05/10/15	0.00112		0.000327	<0.00050	0.484	0.00007	1.47
QUL-57-S	09/12/15	0.00122		0.000422	<0.00050	0.505	0.000093	1.64
	14/12/15	0.00122		0.000413	<0.00050	0.516	0.000105	1.74
	21/12/15	0.00122		0.000445	<0.00050	0.495	0.000096	1.67
QUL-57-MI D	09/12/15	0.00143		0.000431	<0.00050	0.51	0.000095	1.66
	14/12/15	0.00127		0.000398	<0.00050	0.496	0.000093	1.66
	21/12/15	0.00135		0.000464	<0.00050	0.504	0.00011	1.7
QUL-57-B	09/12/15	0.00164		0.000445	<0.00050	0.507	0.000115	1.67
	14/12/15	0.00124		0.000419	<0.00050	0.488	0.000093	1.71
	21/12/15	0.00166		0.000465	<0.00050	0.51	0.000111	1.71

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		Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
QUL-42-20 m	28/10/15	<0.000010	0.931	0.136	<0.000010	<0.00010	<0.010	0.000176
	26/11/15	<0.000010	0.978	0.147	<0.000010	<0.00010	<0.010	0.000179
	07/12/15	<0.000010	1.03	0.139	<0.000010	<0.00010	<0.010	0.000163
QUL-55-0m	15/10/15	<0.000010	0.91	0.137	<0.000010	<0.00010	<0.010	0.000158
	20/10/15	<0.000010	0.892	0.116	<0.000010	<0.00010	<0.010	0.000139
	28/10/15	<0.000010	0.867	0.135	<0.000010	<0.00010	<0.010	0.000171
QUL-55-15 m	15/10/15	<0.000010	0.872	0.135	<0.000010	<0.00010	<0.010	0.000163
	20/10/15	<0.000010	0.886	0.129	<0.000010	<0.00010	<0.010	0.000141
	28/10/15	<0.000010	0.895	0.136	<0.000010	<0.00010	<0.010	0.000169
QUL-55-30 m	15/10/15	<0.000010	1	0.141	<0.000010	<0.00010	<0.010	0.000169
	20/10/15	<0.000010	1	0.13	<0.000010	<0.00010	<0.010	0.000158
	28/10/15	<0.000010	1	0.138	<0.000010	<0.00010	<0.010	0.00017
QUL-55a-0	05/10/15	<0.000010	0.841	0.13	<0.000010	<0.00010	<0.010	0.00015
QUL-55a-5	05/10/15	<0.000010	0.937	0.135	<0.000010	<0.00010	<0.010	0.000155
QUL-55a-11	05/10/15	<0.000010	0.889	0.138	<0.000010	<0.00010	<0.010	0.000159
QUL-57-S	09/12/15	<0.000010	1	0.135	<0.000010	<0.00010	<0.010	0.000171
	14/12/15	<0.000010	0.981	0.128	<0.000010	<0.00010	<0.010	0.000156
	21/12/15	<0.000010	0.988	0.135	<0.000010	<0.00010	<0.010	0.000162
QUL-57-MI D	09/12/15	<0.000010	1.01	0.137	<0.000010	<0.00010	<0.010	0.000174
	14/12/15	<0.000010	0.938	0.124	<0.000010	<0.00010	<0.010	0.000152
	21/12/15	<0.000010	0.974	0.139	<0.000010	<0.00010	<0.010	0.000176
QUL-57-B	09/12/15	<0.000010	0.953	0.134	<0.000010	<0.00010	<0.010	0.000174
	14/12/15	<0.000010	0.958	0.126	<0.000010	<0.00010	<0.010	0.000155
	21/12/15	<0.000010	1	0.136	<0.000010	<0.00010	<0.010	0.00016

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		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)
QUL-42-20 m	28/10/15	<0.00050	<0.0030	0.0054	<0.00010	0.0002	0.00506	<0.00010
	26/11/15	<0.00050	<0.0030	0.0097	<0.00010	0.0001	0.00541	<0.00010
	07/12/15	<0.00050	<0.0030	0.0056	<0.00010	<0.00010	0.00519	<0.00010
QUL-55-0m	15/10/15	<0.00050	<0.0030	0.006	<0.00010	0.00011	0.00499	<0.00010
	20/10/15	<0.00050	<0.0030	0.006	<0.00010	0.0001	0.00472	<0.00010
	28/10/15	<0.00050	<0.0030	0.0053	<0.00010	0.00021	0.00524	<0.00010
QUL-55-15 m	15/10/15	<0.00050	<0.0030	0.0055	<0.00010	0.0001	0.00483	<0.00010
	20/10/15	<0.00050	<0.0030	0.0062	<0.00010	0.00012	0.00479	<0.00010
	28/10/15	<0.00050	<0.0030	0.0054	<0.00010	0.00023	0.00531	<0.00010
QUL-55-30 m	15/10/15	<0.00050	<0.0030	0.0052	<0.00010	<0.00010	0.00541	<0.00010
	20/10/15	<0.00050	<0.0030	0.0056	<0.00010	<0.00010	0.00511	<0.00010
	28/10/15	<0.00050	<0.0030	0.0052	<0.00010	0.00021	0.00546	<0.00010
QUL-55a-0	05/10/15	<0.00050	<0.0030	0.0081	<0.00010	<0.00010	0.00506	<0.00010
QUL-55a-5	05/10/15	<0.00050	<0.0030	0.0072	<0.00010	0.00011	0.00514	<0.00010
QUL-55a-11	05/10/15	<0.00050	<0.0030	0.0066	<0.00010	0.0001	0.00493	<0.00010
QUL-57-S	09/12/15	<0.00050	<0.0030	0.0061	<0.00010	<0.00010	0.00514	<0.00010
	14/12/15	<0.00050	<0.0030	0.0053	<0.00010	<0.00010	0.00537	<0.00010
	21/12/15	<0.00050	<0.0030	0.0057	<0.00010	0.00011	0.00533	<0.00010
QUL-57-MI D	09/12/15	<0.00050	<0.0030	0.0053	<0.00010	0.00011	0.00515	<0.00010
	14/12/15	<0.00050	<0.0030	0.0052	<0.00010	0.00011	0.00534	<0.00010
	21/12/15	<0.00050	<0.0030	0.0049	<0.00010	0.00011	0.00521	<0.00010
QUL-57-B	09/12/15	<0.00050	<0.0030	0.0055	<0.00010	0.00014	0.00514	<0.00010
	14/12/15	<0.00050	<0.0030	0.0048	<0.00010	0.0001	0.00529	<0.00010
	21/12/15	<0.00050	<0.0030	0.0052	<0.00010	0.0001	0.00518	<0.00010

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		Diss-Bismuth (Bi) (mg/L)	Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)
QUL-42-20 m	28/10/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00053
	26/11/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00072
	07/12/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.0009
QUL-55-0m	15/10/15	<0.000050	<0.010	<0.0000050	18.3	<0.00050	<0.00010	<0.00050
	20/10/15	<0.000050	<0.010	<0.0000050	18.2	<0.00050	<0.00010	<0.00050
	28/10/15	<0.000050	<0.010	<0.0000050	18.4	<0.00050	<0.00010	<0.00050
QUL-55-15 m	15/10/15	<0.000050	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00052
	20/10/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00055
	28/10/15	<0.000050	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.0006
QUL-55-30 m	15/10/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.0007
	20/10/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00077
	28/10/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00063
QUL-55a-0	05/10/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00053
QUL-55a-5	05/10/15	<0.000050	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00068
QUL-55a-11	05/10/15	<0.000050	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00057
QUL-57-S	09/12/15	<0.000050	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00077
	14/12/15	<0.000050	<0.010	<0.0000050	19.2	<0.00050	<0.00010	0.00078
	21/12/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00085
QUL-57-MI D	09/12/15	<0.000050	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00081
	14/12/15	<0.000050	<0.010	<0.0000050	19.1	<0.00050	<0.00010	0.00078
	21/12/15	<0.000050	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00083
QUL-57-B	09/12/15	<0.000050	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00081
	14/12/15	<0.000050	<0.010	<0.0000050	19.3	<0.00050	<0.00010	0.00077
	21/12/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00089

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		Diss-Iron (Fe) (mg/L)	Diss-Lead (Pb) (mg/L)	Diss-Lithium (Li) (mg/L)	Diss-Magnesium (Mg) (mg/L)	Diss-Manganese (Mn) (mg/L)	Diss-Mercury (Hg) (mg/L)	Diss-Molybdenum (Mo) (mg/L)
QUL-42-20 m	28/10/15	<0.030	0.000077	<0.0010	1.99	0.00017		0.000346
	26/11/15	<0.030	0.000242	<0.0010	2.03	0.00028		0.000399
	07/12/15	<0.030	0.000069	<0.0010	2.05	0.00016		0.000383
QUL-55-0m	15/10/15	<0.030	<0.000050	<0.0010	1.94	0.00014		0.000289
	20/10/15	<0.030	<0.000050	<0.0010	1.94	0.00012		0.000276
	28/10/15	<0.030	<0.000050	<0.0010	2.01	0.00023		0.000313
QUL-55-15 m	15/10/15	<0.030	0.000087	<0.0010	1.94	<0.00010		0.000291
	20/10/15	<0.030	0.000187	<0.0010	1.98	0.00059		0.000258
	28/10/15	<0.030	0.00022	<0.0010	1.98	0.00026		0.000318
QUL-55-30 m	15/10/15	<0.030	0.000053	<0.0010	2.02	0.00016		0.000362
	20/10/15	<0.030	0.000133	<0.0010	2	0.0002		0.000364
	28/10/15	<0.030	0.000091	<0.0010	2.03	0.00023		0.00039
QUL-55a-0	05/10/15	<0.030	<0.000050	<0.0010	2	0.00028		0.00032
QUL-55a-5	05/10/15	<0.030	0.000066	0.001	2.01	0.00019		0.000312
QUL-55a-11	05/10/15	<0.030	<0.000050	0.0011	1.95	0.00015		0.000311
QUL-57-S	09/12/15	<0.030	<0.000050	<0.0010	2.01	0.00013		0.000376
	14/12/15	<0.030	<0.000050	<0.0010	2.09	0.00017		0.000397
	21/12/15	<0.030	<0.000050	0.0011	2.02	0.00021		0.000423
QUL-57-MI D	09/12/15	<0.030	0.000095	<0.0010	2.02	0.00017		0.00038
	14/12/15	<0.030	<0.000050	<0.0010	2.07	0.00017		0.000385
	21/12/15	<0.030	<0.000050	0.0011	2.03	0.00018		0.000405
QUL-57-B	09/12/15	<0.030	0.00006	<0.0010	2.02	0.0003		0.000367
	14/12/15	<0.030	<0.000050	<0.0010	2.1	0.00015		0.000391
	21/12/15	<0.030	<0.000050	<0.0010	2.03	0.00033		0.000444

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		Diss-Nickel (Ni) (mg/L)	Diss-Potassium (K) (mg/L)	Diss-Selenium (mg/L)	Diss-Silicon (Si) (mg/L)	Diss-Silver (Ag) (mg/L)	Diss-Sodium (Na) (mg/L)	Diss-Strontium (Sr) (mg/L)
QUL-42-20 m	28/10/15	<0.00050	0.476	0.000082	1.54	<0.000010	0.886	0.133
	26/11/15	<0.00050	0.483	0.00009	1.56	<0.000010	0.937	0.142
	07/12/15	<0.00050	0.473	0.000083	1.64	<0.000010	0.935	0.134
QUL-55-0m	15/10/15	<0.00050	0.474	0.00007	1.44	<0.000010	0.884	0.135
	20/10/15	<0.00050	0.457	0.000089	1.44	<0.000010	0.868	0.123
	28/10/15	<0.00050	0.448	0.000072	1.43	<0.000010	0.822	0.129
QUL-55-15 m	15/10/15	<0.00050	0.462	0.000084	1.44	<0.000010	0.894	0.133
	20/10/15	<0.00050	0.463	0.000067	1.46	<0.000010	0.89	0.117
	28/10/15	<0.00050	0.461	0.000074	1.42	<0.000010	0.85	0.128
QUL-55-30 m	15/10/15	<0.00050	0.49	0.000091	1.74	<0.000010	0.978	0.138
	20/10/15	<0.00050	0.489	0.000083	1.73	<0.000010	0.969	0.126
	28/10/15	<0.00050	0.483	0.000085	1.67	<0.000010	0.933	0.13
QUL-55a-0	05/10/15	<0.00050	0.471	0.000075	1.44	<0.000010	0.866	0.131
QUL-55a-5	05/10/15	<0.00050	0.474	0.00007	1.44	<0.000010	0.885	0.135
QUL-55a-11	05/10/15	<0.00050	0.475	0.000082	1.4	<0.000010	0.869	0.132
QUL-57-S	09/12/15	<0.00050	0.497	0.000086	1.6	<0.000010	0.991	0.134
	14/12/15	<0.00050	0.492	0.000092	1.65	<0.000010	0.959	0.125
	21/12/15	<0.00050	0.493	0.000096	1.59	<0.000010	0.965	0.132
QUL-57-MI D	09/12/15	<0.00050	0.49	0.000099	1.6	<0.000010	0.973	0.135
	14/12/15	<0.00050	0.49	0.000096	1.65	<0.000010	0.939	0.124
	21/12/15	<0.00050	0.484	0.000093	1.61	<0.000010	0.952	0.131
QUL-57-B	09/12/15	<0.00050	0.472	0.000089	1.61	<0.000010	0.923	0.133
	14/12/15	<0.00050	0.475	0.000089	1.67	<0.000010	0.934	0.125
	21/12/15	<0.00050	0.487	0.000121	1.61	<0.000010	0.96	0.134

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		Diss-Thallium (Tl) (mg/L)	Diss-Tin (Sn) (mg/L)	Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
QUL-42-20 m	28/10/15	<0.000010	<0.00010	<0.010	0.000163	<0.00050	<0.0030
	26/11/15	<0.000010	<0.00010	<0.010	0.000172	<0.00050	<0.0030
	07/12/15	<0.000010	<0.00010	<0.010	0.000155	<0.00050	<0.0030
QUL-55-0m	15/10/15	<0.000010	<0.00010	<0.010	0.000151	<0.00050	<0.0030
	20/10/15	<0.000010	<0.00010	<0.010	0.00014	<0.00050	<0.0030
	28/10/15	<0.000010	<0.00010	<0.010	0.000162	<0.00050	<0.0030
QUL-55-15 m	15/10/15	<0.000010	<0.00010	<0.010	0.000152	<0.00050	<0.0030
	20/10/15	<0.000010	<0.00010	<0.010	0.000129	<0.00050	<0.0030
	28/10/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
QUL-55-30 m	15/10/15	<0.000010	<0.00010	<0.010	0.000155	<0.00050	<0.0030
	20/10/15	<0.000010	<0.00010	<0.010	0.000137	<0.00050	<0.0030
	28/10/15	<0.000010	<0.00010	<0.010	0.000163	<0.00050	<0.0030
QUL-55a-0	05/10/15	<0.000010	<0.00010	<0.010	0.000142	<0.00050	<0.0030
QUL-55a-5	05/10/15	<0.000010	<0.00010	<0.010	0.000144	<0.00050	<0.0030
QUL-55a-11	05/10/15	<0.000010	<0.00010	<0.010	0.000141	<0.00050	<0.0030
QUL-57-S	09/12/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
	14/12/15	<0.000010	<0.00010	<0.010	0.000149	<0.00050	<0.0030
	21/12/15	<0.000010	<0.00010	<0.010	0.000153	<0.00050	<0.0030
QUL-57-MI D	09/12/15	<0.000010	<0.00010	<0.010	0.000162	<0.00050	<0.0030
	14/12/15	<0.000010	<0.00010	<0.010	0.00015	<0.00050	<0.0030
	21/12/15	<0.000010	<0.00010	<0.010	0.00015	<0.00050	<0.0030
QUL-57-B	09/12/15	<0.000010	<0.00010	<0.010	0.000157	<0.00050	<0.0030
	14/12/15	<0.000010	<0.00010	<0.010	0.00015	<0.00050	<0.0030
	21/12/15	<0.000010	<0.00010	<0.010	0.000154	<0.00050	<0.0030

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
QUL-58-S	05/11/15	110	52.8	8.01	61	<3.0	0.24	51
	30/11/15	112	53.9	7.76	68	<3.0	0.73	50.7
	02/12/15	111	52.9	7.45	70	<3.0	0.74	53.9
	09/12/15	113	53.6	7.82	66	<3.0	0.43	49.3
	14/12/15	113	56.8	7.86	72	<3.0	0.66	51.1
	21/12/15	113	54.9	7.86	64	<3.0	0.48	48.9
	30/12/15	112	53.1	7.77	72	<3.0	0.71	50.4
QUL-58-AP	21/12/15	113	54.7	7.88	65	<3.0	0.58	49.4
QUL-58-MI D	30/11/15	112	53.9	7.79	65	<3.0	0.77	49.8
	02/12/15	111	52.3	7.54	71	<3.0	0.83	48.6
	09/12/15	111	53.7	7.8	66	<3.0	0.51	48.2
	14/12/15	113	56.4	7.87	66	<3.0	0.53	50.9
	30/12/15	112	53.2	7.77	66	<3.0	0.77	49.8
QUL-58-B	05/11/15	111	52.5	7.95	66	<3.0	0.25	50.7
	30/11/15	112	52.9	7.8	60	<3.0	0.91	50.8
	02/12/15	111	53.2	7.57	71	<3.0	0.79	48
	09/12/15	112	54	7.79	63	<3.0	0.46	47.8
	14/12/15	113	57.6	7.86	71	<3.0	0.66	50.3
	30/12/15	113	53.2	7.76	72	<3.0	0.9	49.4
QUL-58-MP	21/12/15	114	55	7.88	64	<3.0	0.58	48.3
QUL-59-S	09/12/15	112	53.9	7.79	65	<3.0	0.47	48.4
	14/12/15	113	56.6	7.86	64	<3.0	0.47	50.1
	21/12/15	115	54.8	7.9	64	<3.0	0.49	49.5
QUL-59-MI	02/12/15	111	52.8	7.58	70	<3.0	1.07	47.8

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		Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)
QUL-58-S	05/11/15	<0.0050	<0.50	0.032	0.0667	0.0667	<0.0010	0.0011
	30/11/15	<0.0050	<0.50	0.033	0.103	0.103	<0.0010	<0.0010
	02/12/15	<0.0050	<0.50	0.036	0.105	0.105	<0.0010	<0.0010
	09/12/15	<0.0050	<0.50	0.033	0.11	0.11	<0.0010	<0.0010
	14/12/15	<0.0050	<0.50	0.035	0.116	0.116	<0.0010	<0.0010
	21/12/15	<0.0050	<0.50	0.036	0.116	0.116	<0.0010	<0.0010
	30/12/15	<0.0050	<0.50	0.037	0.116	0.116	<0.0010	<0.0010
QUL-58-AP	21/12/15	<0.0050	<0.50	0.035	0.115	0.115	<0.0010	<0.0010
QUL-58-MI D	30/11/15	<0.0050	<0.50	0.034	0.103	0.103	<0.0010	<0.0010
	02/12/15	<0.0050	<0.50	0.035	0.106	0.106	<0.0010	<0.0010
	09/12/15	<0.0050	<0.50	0.033	0.11	0.11	<0.0010	<0.0010
	14/12/15	<0.0050	<0.50	0.035	0.115	0.115	<0.0010	<0.0010
	30/12/15	<0.0050	<0.50	0.037	0.115	0.115	<0.0010	<0.0010
QUL-58-B	05/11/15	<0.0050	<0.50	0.032	0.0679	0.0679	<0.0010	<0.0010
	30/11/15	<0.0050	<0.50	0.035	0.104	0.104	<0.0010	<0.0010
	02/12/15	<0.0050	<0.50	0.035	0.105	0.105	<0.0010	<0.0010
	09/12/15	<0.0050	<0.50	0.033	0.112	0.112	<0.0010	<0.0010
	14/12/15	<0.0050	<0.50	0.035	0.114	0.114	<0.0010	<0.0010
	30/12/15	<0.0050	<0.50	0.037	0.116	0.116	<0.0010	<0.0010
QUL-58-MP	21/12/15	<0.0050	<0.50	0.036	0.115	0.115	<0.0010	<0.0010
QUL-59-S	09/12/15	<0.0050	<0.50	0.033	0.11	0.11	<0.0010	0.0011
	14/12/15	0.0056	<0.50	0.035	0.115	0.115	<0.0010	<0.0010
	21/12/15	<0.0050	<0.50	0.037	0.115	0.115	<0.0010	<0.0010
QUL-59-MI	02/12/15	<0.0050	<0.50	0.033	0.106	0.106	<0.0010	<0.0010

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		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)
QUL-58-S	05/11/15	0.0022	<0.0020	6.67	0.126	1.67	0.011	<0.00010
	30/11/15	<0.0020	0.0024	6.64	0.145	1.83	0.0365	0.0001
	02/12/15	<0.0020	0.0022	6.66	0.143	1.58	0.0437	<0.00010
	09/12/15	<0.0020	0.003	6.67	0.162	1.52	0.0363	<0.00010
	14/12/15	<0.0020	0.0023	6.68	0.169	1.64	0.0411	<0.00010
	21/12/15	<0.0020	0.0025	6.82	0.166	1.68	0.0334	<0.00010
	30/12/15	<0.0020	0.0033	6.8	0.172	1.65	0.0296	<0.00010
QUL-58-AP	21/12/15	<0.0020	0.002	6.81	0.158	1.54	0.0427	<0.00010
QUL-58-MID	30/11/15	<0.0020	0.0028	6.65	0.144	1.52	0.0359	<0.00010
	02/12/15	<0.0020	0.0027	6.6	0.138	1.37	0.0474	<0.00010
	09/12/15	<0.0020	0.0026	6.7	0.158	1.52	0.0375	<0.00010
	14/12/15	<0.0020	0.0023	6.63	0.165	1.63	0.043	<0.00010
	30/12/15	<0.0020	0.0027	6.78	0.164	1.72	0.0252	<0.00010
QUL-58-B	05/11/15	<0.0020	<0.0020	6.66	0.124	1.52	0.0113	<0.00010
	30/11/15	<0.0020	0.0041	6.72	0.146	1.49	0.037	<0.00010
	02/12/15	<0.0020	0.0022	6.6	0.143	1.5	0.0358	<0.00010
	09/12/15	<0.0020	0.0031	6.84	0.159	1.68	0.0452	<0.00010
	14/12/15	<0.0020	0.0041	6.58	0.165	1.46	0.0501	<0.00010
	30/12/15	<0.0020	0.003	6.75	0.169	1.76	0.0328	<0.00010
QUL-58-MP	21/12/15	<0.0020	0.0024	6.85	0.151	1.65	0.0379	<0.00010
QUL-59-S	09/12/15	<0.0020	0.003	6.69	0.162	1.53	0.0349	<0.00010
	14/12/15	<0.0020	0.0021	6.56	0.165	1.34	0.0331	<0.00010
	21/12/15	<0.0020	0.0022	6.8	0.16	1.63	0.0341	<0.00010
QUL-59-MI	02/12/15	<0.0020	0.0033	6.62	0.142	1.58	0.0471	<0.00010

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		Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)
QUL-58-S	05/11/15	0.00011	0.00536	<0.00010	<0.000050	<0.010	<0.0000050	17.3
	30/11/15	0.00013	0.00578	<0.00010	<0.000050	<0.010	<0.0000050	18.5
	02/12/15	0.00016	0.00593	<0.00010	<0.000050	<0.010	<0.0000050	18
	09/12/15	0.00014	0.00579	<0.00010	<0.000050	<0.010	<0.0000050	17.9
	14/12/15	0.00014	0.00619	<0.00010	<0.000050	<0.010	<0.0000050	18.9
	21/12/15	0.00016	0.00568	<0.00010	<0.000050	<0.010	<0.0000050	18
	30/12/15	0.00013	0.00593	<0.00010	<0.000050	<0.010	<0.0000050	17.8
QUL-58-AP	21/12/15	0.00016	0.0059	<0.00010	<0.000050	<0.010	<0.0000050	18.3
QUL-58-MI D	30/11/15	0.00012	0.00576	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	02/12/15	0.00013	0.00577	<0.00010	<0.000050	<0.010	<0.0000050	18
	09/12/15	0.00015	0.00573	<0.00010	<0.000050	<0.010	<0.0000050	17.9
	14/12/15	0.00013	0.00614	<0.00010	<0.000050	<0.010	<0.0000050	18.5
	30/12/15	0.00012	0.00562	<0.00010	<0.000050	<0.010	<0.0000050	17.3
QUL-58-B	05/11/15	0.00013	0.00548	<0.00010	<0.000050	<0.010	<0.0000050	17.4
	30/11/15	0.00014	0.00582	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	02/12/15	0.00013	0.00566	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	09/12/15	0.00013	0.0058	<0.00010	<0.000050	<0.010	<0.0000050	17.9
	14/12/15	0.00012	0.00648	<0.00010	<0.000050	<0.010	<0.0000050	18.9
	30/12/15	0.00013	0.00584	<0.00010	<0.000050	<0.010	<0.0000050	17.6
QUL-58-MP	21/12/15	0.00015	0.00581	<0.00010	<0.000050	<0.010	<0.0000050	18.1
QUL-59-S	09/12/15	0.00014	0.00572	<0.00010	0.000086	<0.010	<0.0000050	17.7
	14/12/15	0.00013	0.00609	<0.00010	<0.000050	<0.010	<0.0000050	18.8
	21/12/15	0.00015	0.00581	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-59-MI	02/12/15	0.00015	0.00587	<0.00010	<0.000050	<0.010	<0.0000050	18

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		Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)	Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)
QUL-58-S	05/11/15	<0.00050	<0.00010	0.00061	<0.030	<0.000050	<0.0010	1.9
	30/11/15	<0.00050	<0.00010	0.00128	<0.030	<0.000050	<0.0010	2.07
	02/12/15	<0.00050	<0.00010	0.00163	<0.030	<0.000050	<0.0010	2.06
	09/12/15	<0.00050	<0.00010	0.00143	<0.030	<0.000050	<0.0010	2.02
	14/12/15	<0.00050	<0.00010	0.0013	<0.030	<0.000050	<0.0010	2.12
	21/12/15	<0.00050	<0.00010	0.00142	<0.030	<0.000050	0.0011	2.01
	30/12/15	<0.00050	<0.00010	0.00145	<0.030	0.000334	<0.0010	2.08
QUL-58-AP	21/12/15	<0.00050	<0.00010	0.00161	<0.030	0.000052	0.0011	2.03
QUL-58-MI D	30/11/15	<0.00050	<0.00010	0.00129	<0.030	0.00248	<0.0010	2.06
	02/12/15	<0.00050	<0.00010	0.00149	<0.030	0.000184	<0.0010	2.05
	09/12/15	<0.00050	<0.00010	0.0015	<0.030	0.000234	<0.0010	2.03
	14/12/15	<0.00050	<0.00010	0.00138	<0.030	0.000234	<0.0010	2.07
	30/12/15	<0.00050	<0.00010	0.00149	<0.030	0.000081	<0.0010	2.05
QUL-58-B	05/11/15	<0.00050	<0.00010	0.00066	<0.030	0.000137	<0.0010	1.91
	30/11/15	<0.00050	<0.00010	0.00142	<0.030	0.000095	<0.0010	2.05
	02/12/15	<0.00050	<0.00010	0.00136	0.031	0.000132	<0.0010	2.04
	09/12/15	<0.00050	<0.00010	0.00281	<0.030	0.000308	<0.0010	2.04
	14/12/15	<0.00050	<0.00010	0.00157	0.032	0.000258	<0.0010	2.09
	30/12/15	<0.00050	<0.00010	0.00169	<0.030	0.000062	<0.0010	2.1
QUL-58-MP	21/12/15	<0.00050	<0.00010	0.00177	<0.030	0.000164	0.0011	2.01
QUL-59-S	09/12/15	<0.00050	<0.00010	0.00146	<0.030	<0.000050	<0.0010	2.02
	14/12/15	<0.00050	<0.00010	0.00131	<0.030	<0.000050	<0.0010	2.08
	21/12/15	<0.00050	<0.00010	0.00143	<0.030	<0.000050	0.0012	2.05
QUL-59-MI	02/12/15	<0.00050	<0.00010	0.0019	0.035	0.000395	<0.0010	2.04

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		Total Manganese (mg/L)	Mercury (Hg)-Total (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)
QUL-58-S	05/11/15	0.00108		0.000308	<0.00050	0.498	0.00009	1.45
	30/11/15	0.00175	<0.0000050	0.00043	<0.00050	0.519	0.00025	1.67
	02/12/15	0.00183		0.000452	<0.00050	0.519	0.000113	1.67
	09/12/15	0.00115		0.00046	<0.00050	0.511	0.000099	1.66
	14/12/15	0.00132	<0.0000050	0.000466	<0.00050	0.523	0.00011	1.76
	21/12/15	0.00121		0.00044	<0.00050	0.498	0.000119	1.64
	30/12/15	0.00117		0.000503	<0.00050	0.541	0.000119	1.63
QUL-58-AP	21/12/15	0.00161		0.000455	<0.00050	0.509	0.000114	1.7
QUL-58-MID	30/11/15	0.00167	<0.0000050	0.000398	<0.00050	0.506	0.000128	1.64
	02/12/15	0.00157		0.000414	<0.00050	0.499	0.000096	1.67
	09/12/15	0.00131		0.000441	<0.00050	0.507	0.000089	1.66
	14/12/15	0.00132	<0.0000050	0.000426	<0.00050	0.534	0.000108	1.72
	30/12/15	0.00105		0.000471	<0.00050	0.54	0.000107	1.59
QUL-58-B	05/11/15	0.00109		0.000301	<0.00050	0.503	0.000088	1.47
	30/11/15	0.00161	<0.0000050	0.000412	<0.00050	0.504	0.000134	1.65
	02/12/15	0.00167		0.000404	<0.00050	0.5	0.000089	1.66
	09/12/15	0.00158		0.000474	<0.00050	0.524	0.000103	1.67
	14/12/15	0.00196	<0.0000050	0.000443	<0.00050	0.511	0.00011	1.78
	30/12/15	0.00121		0.000474	<0.00050	0.548	0.000127	1.63
QUL-58-MP	21/12/15	0.00152		0.000453	<0.00050	0.498	0.000107	1.67
QUL-59-S	09/12/15	0.00118		0.000554	<0.00050	0.508	0.000114	1.65
	14/12/15	0.00116		0.000417	<0.00050	0.521	0.000091	1.73
	21/12/15	0.00121		0.000512	<0.00050	0.504	0.000104	1.67
QUL-59-MI	02/12/15	0.00192		0.000421	<0.00050	0.5	0.00008	1.66

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		Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
QUL-58-S	05/11/15	<0.000010	0.847	0.128	<0.000010	<0.00010	<0.010	0.000168
	30/11/15	<0.000010	0.981	0.139	<0.000010	<0.00010	<0.010	0.000168
	02/12/15	<0.000010	0.981	0.137	<0.000010	<0.00010	<0.010	0.00017
	09/12/15	<0.000010	1	0.138	<0.000010	<0.00010	<0.010	0.000171
	14/12/15	<0.000010	0.98	0.129	<0.000010	<0.00010	<0.010	0.00016
	21/12/15	<0.000010	0.991	0.134	<0.000010	<0.00010	<0.010	0.000156
	30/12/15	<0.000010	1.07	0.142	<0.000010	<0.00010	<0.010	0.000164
QUL-58-AP	21/12/15	<0.000010	0.992	0.136	<0.000010	<0.00010	<0.010	0.000163
QUL-58-MI D	30/11/15	<0.000010	0.967	0.139	<0.000010	<0.00010	<0.010	0.000166
	02/12/15	<0.000010	0.954	0.136	<0.000010	<0.00010	<0.010	0.000169
	09/12/15	<0.000010	0.993	0.138	<0.000010	<0.00010	<0.010	0.000167
	14/12/15	<0.000010	0.975	0.127	<0.000010	<0.00010	<0.010	0.000157
	30/12/15	<0.000010	1.03	0.14	<0.000010	<0.00010	<0.010	0.000163
QUL-58-B	05/11/15	<0.000010	0.878	0.119	<0.000010	<0.00010	<0.010	0.000162
	30/11/15	<0.000010	0.97	0.137	<0.000010	<0.00010	<0.010	0.000168
	02/12/15	<0.000010	0.958	0.134	<0.000010	<0.00010	<0.010	0.000164
	09/12/15	<0.000010	1.02	0.139	<0.000010	<0.00010	<0.010	0.000173
	14/12/15	<0.000010	0.96	0.128	<0.000010	<0.00010	<0.010	0.000156
	30/12/15	<0.000010	1.06	0.142	<0.000010	<0.00010	<0.010	0.000163
QUL-58-MP	21/12/15	<0.000010	0.996	0.134	<0.000010	<0.00010	<0.010	0.000158
QUL-59-S	09/12/15	<0.000010	0.997	0.137	<0.000010	<0.00010	<0.010	0.000172
	14/12/15	<0.000010	0.954	0.127	<0.000010	<0.00010	<0.010	0.000154
	21/12/15	<0.000010	1.01	0.136	<0.000010	<0.00010	<0.010	0.00016
QUL-59-MI	02/12/15	<0.000010	0.952	0.137	<0.000010	<0.00010	<0.010	0.000165

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Mining Corporation
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This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)
QUL-58-S	05/11/15	<0.00050	<0.0030	0.0063	<0.00010	0.00011	0.00539	<0.00010
	30/11/15	<0.00050	<0.0030	0.0061	<0.00010	0.00011	0.00534	<0.00010
	02/12/15	<0.00050	<0.0030	0.0051	<0.00010	0.00011	0.00522	<0.00010
	09/12/15	<0.00050	<0.0030	0.0052	<0.00010	0.00012	0.00523	<0.00010
	14/12/15	<0.00050	<0.0030	0.0072	<0.00010	0.00011	0.00561	<0.00010
	21/12/15	<0.00050	<0.0030	0.0053	<0.00010	0.00012	0.00527	<0.00010
	30/12/15	<0.00050	<0.0030	0.006	<0.00010	<0.00010	0.00523	<0.00010
QUL-58-AP	21/12/15	<0.00050	<0.0030	0.0053	<0.00010	0.00012	0.0052	<0.00010
QUL-58-MI D	30/11/15	<0.00050	<0.0030	0.0046	<0.00010	<0.00010	0.00537	<0.00010
	02/12/15	<0.00050	<0.0030	0.0216	<0.00010	0.00011	0.00534	<0.00010
	09/12/15	<0.00050	<0.0030	0.006	<0.00010	0.00011	0.0051	<0.00010
	14/12/15	<0.00050	<0.0030	0.0054	<0.00010	<0.00010	0.00552	<0.00010
	30/12/15	<0.00050	<0.0030	0.0064	<0.00010	0.00011	0.00526	<0.00010
QUL-58-B	05/11/15	<0.00050	<0.0030	0.0049	<0.00010	<0.00010	0.00517	<0.00010
	30/11/15	<0.00050	<0.0030	0.006	<0.00010	0.00011	0.00523	<0.00010
	02/12/15	<0.00050	<0.0030	0.0056	<0.00010	0.00011	0.00452	<0.00010
	09/12/15	<0.00050	<0.0030	0.0046	<0.00010	<0.00010	0.0052	<0.00010
	14/12/15	<0.00050	<0.0030	0.0064	<0.00010	0.00011	0.00539	<0.00010
	30/12/15	<0.00050	<0.0030	0.0063	<0.00010	0.0001	0.00546	<0.00010
QUL-58-MP	21/12/15	<0.00050	<0.0030	0.0056	<0.00010	0.00011	0.00526	<0.00010
QUL-59-S	09/12/15	<0.00050	<0.0030	0.0055	<0.00010	0.00011	0.00513	<0.00010
	14/12/15	<0.00050	<0.0030	0.008	<0.00010	0.00011	0.00547	<0.00010
	21/12/15	<0.00050	<0.0030	0.0053	<0.00010	0.00012	0.0053	<0.00010
QUL-59-MI	02/12/15	<0.00050	<0.0030	0.0056	<0.00010	<0.00010	0.00522	<0.00010

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		Diss-Bismuth (Bi) (mg/L)	Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)
QUL-58-S	05/11/15	<0.000050	<0.010	<0.0000050	17.9	<0.00050	<0.00010	<0.00050
	30/11/15	<0.000050	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00067
	02/12/15	<0.000050	<0.010	0.0000053	17.9	<0.00050	<0.00010	0.00073
	09/12/15	<0.000050	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00077
	14/12/15	<0.000050	<0.010	<0.0000050	19.3	<0.00050	<0.00010	0.00079
	21/12/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00078
	30/12/15	<0.000050	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00082
QUL-58-AP	21/12/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00089
QUL-58-MI D	30/11/15	<0.000050	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00066
	02/12/15	<0.000050	<0.010	<0.0000050	17.6	<0.00050	<0.00010	0.00138
	09/12/15	<0.000050	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00095
	14/12/15	<0.000050	<0.010	<0.0000050	19.1	<0.00050	<0.00010	0.00083
	30/12/15	<0.000050	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00084
QUL-58-B	05/11/15	<0.000050	<0.010	<0.0000050	17.8	<0.00050	<0.00010	0.00056
	30/11/15	<0.000050	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00078
	02/12/15	<0.000050	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00078
	09/12/15	<0.000050	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00086
	14/12/15	<0.000050	<0.010	<0.0000050	19.6	<0.00050	<0.00010	0.0008
	30/12/15	<0.000050	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00078
QUL-58-MP	21/12/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00096
QUL-59-S	09/12/15	<0.000050	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00079
	14/12/15	<0.000050	<0.010	<0.0000050	19.2	<0.00050	<0.00010	0.0008
	21/12/15	<0.000050	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.0008
QUL-59-MI	02/12/15	<0.000050	<0.010	<0.0000050	17.8	<0.00050	<0.00010	0.00087

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		Diss-Iron (Fe) (mg/L)	Diss-Lead (Pb) (mg/L)	Diss-Lithium (Li) (mg/L)	Diss-Magnesium (Mg) (mg/L)	Diss-Manganese (Mn) (mg/L)	Diss-Mercury (Hg) (mg/L)	Diss-Molybdenum (Mo) (mg/L)
QUL-58-S	05/11/15	<0.030	<0.000050	<0.0010	1.96	0.00034		0.000281
	30/11/15	<0.030	<0.000050	<0.0010	2.03	0.00035	<0.0000050	0.000362
	02/12/15	<0.030	<0.000050	<0.0010	2.02	0.00026		0.000392
	09/12/15	<0.030	<0.000050	<0.0010	2.01	0.00016		0.000365
	14/12/15	<0.030	<0.000050	<0.0010	2.1	0.00018	<0.0000050	0.000411
	21/12/15	<0.030	<0.000050	0.0011	2.03	0.0002		0.000417
	30/12/15	<0.030	0.000055	<0.0010	2.04	0.0002		0.000433
QUL-58-AP	21/12/15	<0.030	0.000055	0.0011	2	0.00026		0.000402
QUL-58-MID	30/11/15	<0.030	0.000184	<0.0010	2.03	0.0003	<0.0000050	0.000375
	02/12/15	<0.030	0.000308	<0.0010	1.99	0.00055		0.000384
	09/12/15	<0.030	0.000273	<0.0010	2.02	0.00019		0.000383
	14/12/15	<0.030	0.000183	<0.0010	2.08	0.00023	<0.0000050	0.000422
	30/12/15	<0.030	<0.000050	<0.0010	2.04	0.00024		0.000431
QUL-58-B	05/11/15	<0.030	0.000159	<0.0010	1.95	0.00031		0.000277
	30/11/15	<0.030	0.000109	<0.0010	2	0.00033	<0.0000050	0.000393
	02/12/15	<0.030	0.000149	<0.0010	2.03	0.00022		0.000397
	09/12/15	<0.030	0.000172	<0.0010	2.02	0.00023		0.000412
	14/12/15	<0.030	0.000102	<0.0010	2.1	0.0002	<0.0000050	0.000414
	30/12/15	<0.030	<0.000050	<0.0010	2.02	0.0002		0.000446
QUL-58-MP	21/12/15	<0.030	0.000084	0.0012	2.04	0.00035		0.000416
QUL-59-S	09/12/15	<0.030	<0.000050	<0.0010	2.03	0.00017		0.000385
	14/12/15	<0.030	<0.000050	<0.0010	2.1	0.00022		0.000443
	21/12/15	<0.030	<0.000050	0.0011	2.03	0.0002		0.000403
QUL-59-MI	02/12/15	<0.030	0.00014	<0.0010	2.03	0.00034		0.000375

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		Diss-Nickel (Ni) (mg/L)	Diss-Potassium (K) (mg/L)	Diss-Selenium (mg/L)	Diss-Silicon (Si) (mg/L)	Diss-Silver (Ag) (mg/L)	Diss-Sodium (Na) (mg/L)	Diss-Strontium (Sr) (mg/L)
QUL-58-S	05/11/15	<0.00050	0.508	0.000076	1.45	<0.000010	0.904	0.118
	30/11/15	<0.00050	0.507	0.000146	1.58	<0.000010	0.95	0.135
	02/12/15	<0.00050	0.488	0.000116	1.57	<0.000010	0.946	0.134
	09/12/15	<0.00050	0.494	0.000083	1.6	<0.000010	0.982	0.131
	14/12/15	<0.00050	0.498	0.000096	1.66	<0.000010	0.938	0.126
	21/12/15	<0.00050	0.498	0.000101	1.59	<0.000010	0.969	0.132
	30/12/15	<0.00050	0.511	0.00011	1.58	<0.000010	0.992	0.137
QUL-58-AP	21/12/15	<0.00050	0.49	0.000087	1.59	<0.000010	0.963	0.131
QUL-58-MI D	30/11/15	<0.00050	0.507	0.000122	1.58	<0.000010	0.95	0.135
	02/12/15	<0.00050	0.487	0.000098	1.59	<0.000010	0.957	0.132
	09/12/15	<0.00050	0.496	0.000094	1.62	<0.000010	0.993	0.134
	14/12/15	<0.00050	0.496	0.000097	1.67	<0.000010	0.949	0.125
	30/12/15	<0.00050	0.509	0.000116	1.57	<0.000010	0.976	0.136
QUL-58-B	05/11/15	<0.00050	0.503	0.000074	1.47	<0.000010	0.887	0.121
	30/11/15	<0.00050	0.523	0.000091	1.55	<0.000010	0.982	0.135
	02/12/15	<0.00050	0.431	0.000127	1.58	<0.000010	0.854	0.131
	09/12/15	<0.00050	0.496	0.000091	1.61	<0.000010	0.997	0.136
	14/12/15	<0.00050	0.503	0.00011	1.69	<0.000010	0.951	0.124
	30/12/15	<0.00050	0.518	0.000108	1.57	<0.000010	0.99	0.136
QUL-58-MP	21/12/15	<0.00050	0.491	0.000109	1.61	<0.000010	0.971	0.132
QUL-59-S	09/12/15	<0.00050	0.51	0.000099	1.61	<0.000010	1	0.135
	14/12/15	<0.00050	0.493	0.000107	1.67	<0.000010	0.945	0.124
	21/12/15	<0.00050	0.49	0.000086	1.6	<0.000010	0.973	0.129
QUL-59-MI	02/12/15	<0.00050	0.482	0.000104	1.59	<0.000010	0.942	0.132

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		Diss-Thallium (Tl) (mg/L)	Diss-Tin (Sn) (mg/L)	Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
QUL-58-S	05/11/15	<0.000010	<0.00010	<0.010	0.000154	<0.00050	<0.0030
	30/11/15	<0.000010	<0.00010	<0.010	0.000157	<0.00050	<0.0030
	02/12/15	<0.000010	<0.00010	<0.010	0.000168	<0.00050	<0.0030
	09/12/15	<0.000010	<0.00010	<0.010	0.00015	<0.00050	<0.0030
	14/12/15	<0.000010	<0.00010	<0.010	0.000153	<0.00050	<0.0030
	21/12/15	<0.000010	<0.00010	<0.010	0.000148	<0.00050	<0.0030
	30/12/15	<0.000010	<0.00010	<0.010	0.000156	<0.00050	<0.0030
QUL-58-AP	21/12/15	<0.000010	<0.00010	<0.010	0.000152	<0.00050	<0.0030
QUL-58-MI D	30/11/15	<0.000010	<0.00010	<0.010	0.000161	<0.00050	<0.0030
	02/12/15	<0.000010	<0.00010	<0.010	0.00016	<0.00050	<0.0030
	09/12/15	<0.000010	<0.00010	<0.010	0.000157	<0.00050	<0.0030
	14/12/15	<0.000010	<0.00010	<0.010	0.000152	<0.00050	<0.0030
	30/12/15	<0.000010	<0.00010	<0.010	0.000156	<0.00050	<0.0030
QUL-58-B	05/11/15	<0.000010	<0.00010	<0.010	0.000156	<0.00050	<0.0030
	30/11/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
	02/12/15	<0.000010	<0.00010	<0.010	0.000161	<0.00050	<0.0030
	09/12/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
	14/12/15	<0.000010	<0.00010	<0.010	0.000153	<0.00050	<0.0030
	30/12/15	<0.000010	<0.00010	<0.010	0.000155	<0.00050	<0.0030
QUL-58-MP	21/12/15	<0.000010	<0.00010	<0.010	0.000148	<0.00050	<0.0030
QUL-59-S	09/12/15	<0.000010	<0.00010	<0.010	0.000158	<0.00050	<0.0030
	14/12/15	<0.000010	<0.00010	<0.010	0.000152	<0.00050	<0.0030
	21/12/15	<0.000010	<0.00010	<0.010	0.000147	<0.00050	<0.0030
QUL-59-MI	02/12/15	<0.000010	<0.00010	<0.010	0.000156	<0.00050	<0.0030

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
QUL-59-MI D	09/12/15	113	53.2	7.8	58	<3.0	0.52	48.9
	14/12/15	113	56.6	7.87	73	<3.0	0.54	51.1
	21/12/15	113	54.5	7.89	62	<3.0	0.46	48.6
QUL-59-B	09/12/15	112	53.3	7.8	63	<3.0	0.48	49.9
	14/12/15	113	56.8	7.85	67	<3.0	0.57	50.4
	21/12/15	114	55.2	7.89	65	<3.0	0.59	48.2

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
QUR-1	07/10/15	112	55.2	7.87	62	<3.0	0.26	51.5
	19/10/15	107	54.8	7.92	59	<3.0	0.23	48.6
	12/11/15	115	53.9	7.97	66	<3.0	0.26	52.1
	19/11/15	113	53.9	7.9	72	<3.0	0.37	51.5
	03/12/15	116	52.9	7.71	77	<3.0	0.62	50.1
	09/12/15	113	55.3	7.83	72	<3.0	0.48	49.2
	16/12/15	113	55.3	7.78	60	<3.0	0.22	49.5
	30/12/15	114	54.7	7.7	74	<3.0	0.42	50.3

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		Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)
QUL-59-MI D	09/12/15	<0.0050	<0.50	0.033	0.11	0.11	<0.0010	0.0014
	14/12/15	<0.0050	<0.50	0.035	0.115	0.115	<0.0010	<0.0010
	21/12/15	<0.0050	<0.50	0.037	0.115	0.115	<0.0010	<0.0010
QUL-59-B	09/12/15	<0.0050	<0.50	0.033	0.11	0.11	<0.0010	<0.0010
	14/12/15	<0.0050	<0.50	0.035	0.115	0.115	<0.0010	<0.0010
	21/12/15	<0.0050	<0.50	0.037	0.121	0.121	<0.0010	<0.0010

		Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)
QUR-1	07/10/15	<0.0050	<0.50	0.031	0.0604	0.0604	<0.0010	<0.0010
	19/10/15	<0.0050	<0.50	0.032	0.0545	0.0545	<0.0010	<0.0010
	12/11/15	<0.0050	<0.50	0.032	0.0752	0.0752	<0.0010	<0.0010
	19/11/15	<0.0050	<0.50	0.033	0.0823	0.0823	<0.0010	0.0012
	03/12/15	<0.0050	<0.50	0.033	0.109	0.109	<0.0010	<0.0010
	09/12/15	<0.0050	<0.50	0.031	0.108	0.108	<0.0010	<0.0010
	16/12/15	<0.0050	<0.50	0.036	0.114	0.114	<0.0010	0.0012
	30/12/15	<0.0050	<0.50	0.037	0.112	0.112	<0.0010	<0.0010

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)
QUL-59-MI D	09/12/15	<0.0020	0.0025	6.7	0.209	1.5	0.045	<0.00010
	14/12/15	<0.0020	0.0034	6.61	0.167	1.36	0.0411	<0.00010
	21/12/15	<0.0020	<0.0020	6.83	0.163	1.5	0.0383	<0.00010
QUL-59-B	09/12/15	<0.0020	<0.0020	6.71	0.163	1.5	0.0424	<0.00010
	14/12/15	<0.0020	0.0031	6.6	0.175	1.32	0.0383	<0.00010
	21/12/15	<0.0020	0.0021	7.28	0.169	1.61	0.0419	<0.00010

		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)
QUR-1	07/10/15	<0.0020	<0.0020	6.56	0.132	2.04	0.0141	<0.00010
	19/10/15	<0.0020	<0.0020	6.41	0.125	1.51	0.014	<0.00010
	12/11/15	0.0022	<0.0020	6.58	0.134	1.61	0.0133	<0.00010
	19/11/15	0.0037	<0.0020	6.32	0.144	1.35	0.0185	<0.00010
	03/12/15	<0.0020	0.0027	6.63	0.14	1.46	0.0343	<0.00010
	09/12/15	<0.0020	0.0037	6.41	0.153	1.77	0.0246	<0.00010
	16/12/15	<0.0020	<0.0020	6.55	0.172	1.56	0.025	<0.00010
	30/12/15	<0.0020	0.0021	6.69	0.16	3.05	0.0204	<0.00010

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)
QUL-59-MI D	09/12/15	0.00013	0.00572	<0.00010	<0.000050	<0.010	<0.0000050	17.7
	14/12/15	0.00012	0.0061	<0.00010	<0.000050	<0.010	<0.0000050	19
	21/12/15	0.00014	0.00577	<0.00010	<0.000050	<0.010	<0.0000050	18.3
QUL-59-B	09/12/15	0.0001	0.00578	<0.00010	<0.000050	<0.010	<0.0000050	17.5
	14/12/15	0.00011	0.00612	<0.00010	<0.000050	<0.010	<0.0000050	18.9
	21/12/15	0.00015	0.0061	<0.00010	<0.000050	<0.010	<0.0000050	18.8

		Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)	Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)
QUR-1	07/10/15	0.00019	0.00513	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	19/10/15	0.00012	0.00479	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	12/11/15	0.00016	0.00508	<0.00010	<0.000050	<0.010	<0.0000050	18.5
	19/11/15	0.00019	0.00574	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	03/12/15	0.00014	0.0056	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	09/12/15	0.00013	0.00563	<0.00010	<0.000050	<0.010	<0.0000050	18.5
	16/12/15	0.00014	0.00568	<0.00010	<0.000050	<0.010	<0.0000050	18
	30/12/15	0.00017	0.00552	<0.00010	<0.000050	<0.010	<0.0000050	18.5

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)	Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)
QUL-59-MI D	09/12/15	<0.00050	<0.00010	0.00156	<0.030	0.000141	<0.0010	2.04
	14/12/15	<0.00050	<0.00010	0.00158	<0.030	<0.000050	<0.0010	2.09
	21/12/15	<0.00050	<0.00010	0.00142	<0.030	0.000051	0.0011	2.04
QUL-59-B	09/12/15	<0.00050	<0.00010	0.0015	<0.030	0.000098	<0.0010	2.02
	14/12/15	<0.00050	<0.00010	0.00141	<0.030	<0.000050	<0.0010	2.11
	21/12/15	<0.00050	<0.00010	0.00181	<0.030	0.000054	0.0011	2.11

		Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)	Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)
QUR-1	07/10/15	<0.00050	<0.00010	0.00058	<0.030	<0.000050	<0.0010	2.03
	19/10/15	<0.00050	<0.00010	0.00057	<0.030	<0.000050	<0.0010	1.98
	12/11/15	<0.00050	<0.00010	0.00082	<0.030	<0.000050	<0.0010	2.06
	19/11/15	<0.00050	<0.00010	0.00072	<0.030	<0.000050	0.0016	2.12
	03/12/15	<0.00050	<0.00010	0.00121	<0.030	<0.000050	<0.0010	2.07
	09/12/15	<0.00050	<0.00010	0.00116	<0.030	<0.000050	<0.0010	2.11
	16/12/15	<0.00050	<0.00010	0.00118	<0.030	<0.000050	<0.0010	2
	30/12/15	<0.00050	<0.00010	0.00113	<0.030	<0.000050	<0.0010	2.12

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Total Manganese (mg/L)	Mercury (Hg)-Total (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)
QUL-59-MI D	09/12/15	0.00141		0.000442	<0.00050	0.502	0.0001	1.67
	14/12/15	0.00154		0.000452	<0.00050	0.524	0.000114	1.74
	21/12/15	0.00131		0.000454	<0.00050	0.501	0.00011	1.68
QUL-59-B	09/12/15	0.00152		0.00044	<0.00050	0.509	0.000099	1.66
	14/12/15	0.00144		0.00043	<0.00050	0.519	0.000101	1.75
	21/12/15	0.0019		0.000594	<0.00050	0.526	0.000138	1.73

		Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)	Silver (Ag)-Total (mg/L)
QUR-1	07/10/15	0.00128	0.000361	<0.00050	0.509	0.00009	1.48	<0.000010
	19/10/15	0.00111	0.00031	<0.00050	0.456	0.000089	1.43	<0.000010
	12/11/15	0.0011	0.000361	<0.00050	0.474	0.000105	1.52	<0.000010
	19/11/15	0.00118	0.00036	<0.00050	0.524	0.000104	1.61	<0.000010
	03/12/15	0.00135	0.000396	<0.00050	0.507	0.000106	1.67	<0.000010
	09/12/15	0.00111	0.00041	<0.00050	0.478	0.000092	1.65	<0.000010
	16/12/15	0.00103	0.000396	<0.00050	0.485	0.000095	1.65	<0.000010
	30/12/15	0.00093	0.000453	<0.00050	0.454	0.000111	1.67	<0.000010

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
QUL-59-MI D	09/12/15	<0.000010	1.01	0.136	<0.000010	<0.00010	<0.010	0.000171
	14/12/15	<0.000010	0.994	0.135	<0.000010	<0.00010	<0.010	0.00016
	21/12/15	<0.000010	0.999	0.136	<0.000010	<0.00010	<0.010	0.000162
QUL-59-B	09/12/15	<0.000010	0.996	0.136	<0.000010	<0.00010	<0.010	0.000175
	14/12/15	<0.000010	0.982	0.13	<0.000010	<0.00010	<0.010	0.000158
	21/12/15	<0.000010	1.08	0.143	<0.000010	<0.00010	<0.010	0.000172

		Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)	Vanadium (V)-Total (mg/L)
QUR-1	07/10/15	0.967	0.139	<0.000010	<0.00010	<0.010	0.000158	<0.00050
	19/10/15	0.88	0.127	<0.000010	<0.00010	<0.010	0.000148	<0.00050
	12/11/15	0.946	0.144	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	19/11/15	1.12	0.14	<0.000010	<0.00010	<0.010	0.000166	<0.00050
	03/12/15	1	0.136	<0.000010	<0.00010	<0.010	0.000164	<0.00050
	09/12/15	0.95	0.137	<0.000010	<0.00010	<0.010	0.000164	<0.00050
	16/12/15	0.978	0.135	<0.000010	<0.00010	<0.010	0.00016	<0.00050
	30/12/15	0.979	0.137	<0.000010	<0.00010	<0.010	0.000169	<0.00050

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)
QUL-59-MI D	09/12/15	<0.00050	<0.0030	0.0067	<0.00010	<0.00010	0.00512	<0.00010
	14/12/15	<0.00050	<0.0030	0.0051	<0.00010	<0.00010	0.00543	<0.00010
	21/12/15	<0.00050	<0.0030	0.0056	<0.00010	0.00011	0.00522	<0.00010
QUL-59-B	09/12/15	<0.00050	<0.0030	0.0063	<0.00010	0.00012	0.0052	<0.00010
	14/12/15	<0.00050	<0.0030	0.0047	<0.00010	<0.00010	0.00535	<0.00010
	21/12/15	<0.00050	<0.0030	0.005	<0.00010	0.00011	0.00536	<0.00010

		Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)	Diss-Bismuth (Bi) (mg/L)
QUR-1	07/10/15	<0.0030	0.0057	<0.00010	0.00012	0.00497	<0.00010	<0.000050
	19/10/15	<0.0030	0.0053	<0.00010	<0.00010	0.00473	<0.00010	<0.000050
	12/11/15	<0.0030	<0.0050	<0.00010	0.00011	0.00479	<0.00010	<0.000050
	19/11/15	<0.0030	0.0048	<0.00010	0.00013	0.00514	<0.00010	<0.000050
	03/12/15	<0.0030	0.006	<0.00010	0.00013	0.00511	<0.00010	<0.000050
	09/12/15	<0.0030	0.0054	<0.00010	0.00011	0.00516	<0.00010	<0.000050
	16/12/15	<0.0030	0.0057	<0.00010	0.00012	0.00533	<0.00010	<0.000050
	30/12/15	<0.0030	0.0061	<0.00010	0.00017	0.00546	<0.00010	<0.000050

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Bismuth (Bi) (mg/L)	Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)
QUL-59-MI D	09/12/15	<0.000050	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00085
	14/12/15	<0.000050	<0.010	<0.0000050	19.3	<0.00050	<0.00010	0.00076
	21/12/15	<0.000050	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00081
QUL-59-B	09/12/15	<0.000050	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00082
	14/12/15	<0.000050	<0.010	<0.0000050	19.3	<0.00050	<0.00010	0.00077
	21/12/15	<0.000050	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00088

		Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)	Diss-Iron (Fe) (mg/L)
QUR-1	07/10/15	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00051	<0.030
	19/10/15	<0.010	<0.0000050	18.6	<0.00050	<0.00010	<0.00050	<0.030
	12/11/15	<0.010	<0.0000050	18.3	<0.00050	<0.00010	<0.00050	<0.030
	19/11/15	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00066	<0.030
	03/12/15	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00077	<0.030
	09/12/15	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00074	<0.030
	16/12/15	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00076	<0.030
	30/12/15	<0.010	0.0000052	18.5	<0.00050	<0.00010	0.0008	<0.030

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Iron (Fe) (mg/L)	Diss-Lead (Pb) (mg/L)	Diss-Lithium (Li) (mg/L)	Diss-Magnesium (Mg) (mg/L)	Diss-Manganese (Mn) (mg/L)	Diss-Mercury (Hg) (mg/L)	Diss-Molybdenum (Mo) (mg/L)
QUL-59-MID	09/12/15	<0.030	0.000121	<0.0010	2.01	0.00017		0.000385
	14/12/15	<0.030	<0.000050	<0.0010	2.08	0.00017		0.000414
	21/12/15	<0.030	<0.000050	0.0012	2.01	0.00022		0.000417
QUL-59-B	09/12/15	<0.030	0.000087	<0.0010	2.01	0.00017		0.000382
	14/12/15	<0.030	<0.000050	<0.0010	2.11	0.0002		0.000405
	21/12/15	<0.030	<0.000050	0.0011	2.05	0.00045		0.00052

		Diss-Lead (Pb) (mg/L)	Diss-Lithium (Li) (mg/L)	Diss-Magnesium (Mg) (mg/L)	Diss-Manganese (Mn) (mg/L)	Diss-Molybdenum (Mo) (mg/L)	Diss-Nickel (Ni) (mg/L)	Diss-Potassium (K) (mg/L)
QUR-1	07/10/15	<0.000050	<0.0010	2.06	0.00018	0.00034	<0.00050	0.488
	19/10/15	<0.000050	<0.0010	2.03	0.00024	0.000275	<0.00050	0.479
	12/11/15	<0.000050	<0.0010	2.01	0.00016	0.000326	<0.00050	0.472
	19/11/15	<0.000050	0.0014	2.01	0.0003	0.000318	<0.00050	0.499
	03/12/15	<0.000050	<0.0010	2.03	0.00041	0.000381	<0.00050	0.485
	09/12/15	<0.000050	<0.0010	2.07	0.00032	0.000384	<0.00050	0.469
	16/12/15	<0.000050	<0.0010	2.06	0.0004	0.000369	<0.00050	0.475
	30/12/15	<0.000050	<0.0010	2.05	0.00031	0.000408	<0.00050	0.476

Monitoring data report for: Quesnel Lake



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IMPERIAL METALS CORPORATION

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		Diss-Nickel (Ni) (mg/L)	Diss-Potassium (K) (mg/L)	Diss-Selenium (mg/L)	Diss-Silicon (Si) (mg/L)	Diss-Silver (Ag) (mg/L)	Diss-Sodium (Na) (mg/L)	Diss-Strontium (Sr) (mg/L)
QUL-59-MI D	09/12/15	<0.00050	0.498	0.000101	1.61	<0.000010	0.988	0.135
	14/12/15	<0.00050	0.48	0.000086	1.66	<0.000010	0.932	0.126
	21/12/15	<0.00050	0.489	0.000096	1.58	<0.000010	0.965	0.131
QUL-59-B	09/12/15	<0.00050	0.502	0.000101	1.59	<0.000010	0.993	0.134
	14/12/15	<0.00050	0.477	0.00009	1.67	<0.000010	0.932	0.125
	21/12/15	<0.00050	0.494	0.000091	1.59	<0.000010	1	0.134

		Diss-Selenium (mg/L)	Diss-Silicon (Si) (mg/L)	Diss-Silver (Ag) (mg/L)	Diss-Sodium (Na) (mg/L)	Diss-Strontium (Sr) (mg/L)	Diss-Thallium (Tl) (mg/L)	Diss-Tin (Sn) (mg/L)
QUR-1	07/10/15	0.00008	1.47	<0.000010	0.926	0.139	<0.000010	<0.00010
	19/10/15	0.00008	1.43	<0.000010	0.906	0.129	<0.000010	<0.00010
	12/11/15	0.000072	1.46	<0.000010	0.943	0.137	<0.000010	<0.00010
	19/11/15	0.000105	1.53	<0.000010	1.03	0.136	<0.000010	<0.00010
	03/12/15	0.000108	1.58	<0.000010	1	0.133	<0.000010	<0.00010
	09/12/15	0.000081	1.61	<0.000010	0.95	0.136	<0.000010	<0.00010
	16/12/15	0.000073	1.63	<0.000010	0.958	0.133	<0.000010	<0.00010
	30/12/15	0.000094	1.61	<0.000010	0.981	0.135	<0.000010	<0.00010

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Diss-Thallium (Tl) (mg/L)	Diss-Tin (Sn) (mg/L)	Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
QUL-59-MI D	09/12/15	<0.000010	<0.00010	<0.010	0.000163	<0.00050	<0.0030
	14/12/15	<0.000010	<0.00010	<0.010	0.000152	<0.00050	<0.0030
	21/12/15	<0.000010	<0.00010	<0.010	0.000151	<0.00050	<0.0030
QUL-59-B	09/12/15	<0.000010	<0.00010	<0.010	0.000162	<0.00050	<0.0030
	14/12/15	<0.000010	<0.00010	<0.010	0.000153	<0.00050	<0.0030
	21/12/15	<0.000010	<0.00010	<0.010	0.000156	<0.00050	<0.0030

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
QUR-1	07/10/15	<0.010	0.000153	<0.00050	<0.0030
	19/10/15	<0.010	0.000131	<0.00050	<0.0030
	12/11/15	<0.010	0.000156	<0.00050	<0.0030
	19/11/15	<0.010	0.000143	<0.00050	<0.0030
	03/12/15	<0.010	0.000155	<0.00050	0.0046
	09/12/15	<0.010	0.000157	<0.00050	<0.0030
	16/12/15	<0.010	0.000149	<0.00050	<0.0030
	30/12/15	<0.010	0.000161	<0.00050	<0.0030

Appendix 2

Monitoring data report for: Edney Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	NTU - in situ (ntu)
EDC-01	01/10/15	8.12	436.1	9.556			1.91
	15/10/15	8.37	429.2	7.022			0.71
	20/10/15	9.1	441	6			9.13
	26/10/15	8.359	438	2.4			3.62
	05/11/15	8.391	266	3.5			1.03
	03/12/15	8.08	365	0.426	90.1	13	2.49

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	NTU - in situ (ntu)
HAC-01c	01/10/15	8.2	460.1	11.148			0.8
	05/10/15	8.04	651.8	7.177			3.67
HAC-05	01/10/15	8.78	394.3	12.615			0.97
	22/12/15	7.9	1134.8	1.759			0.55
HAC-05a	02/11/15	8.237	667	4.4			8.3
	09/11/15	8.346	358	4.8			2.74
	01/12/15	8.35	340	1.1			16.5
	03/12/15	7.85	1257.7	1.966	89.2	12.3	2.6
	07/12/15	8	1080	3.5			3.99
	15/12/15	7.9	1114.4	2.865			1.33
	29/12/15	8.1	1194	0.9			0.25
HAC-08	01/10/15	8.42	449.8	8.751			0.69
	02/11/15	8.668	629	4.7			9.54
	09/11/15	8.439	399	3.1			3.5
	01/12/15	8.42	372	0			4.42
	03/12/15	7.99	1117.6	0.621	89.6	12.77	34.3
HAC-10	01/10/15	8.18	330.1	12.948			2.54
	02/11/15	7.88	352	5.1			48.7
	09/11/15	8.204	293	5.8			0.9
	03/12/15	7.79	355.2	1.558	82.2	11.52	1.21
	07/12/15	8	309	2.7			1.62
	15/12/15	7.91	355.4	0.276			1.42

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	NTU - in situ (ntu)
HAC-10	23/12/15	7.93	286.9	0.604			0.7
	29/12/15	8.1	328	0.9			1.55
HAC-12	02/11/15	8.308	587	4.4			13.2
	09/11/15	8.314	434	2.5			5.62
	12/11/15	8.263	376	0.6			1.7
	17/11/15	7.99	364.3	0.765			1.69
	23/11/15	7.99	360	0.295			2.62
	30/11/15	7.62	405.6	-0.021			2.71
	01/12/15	8.29	381	0.2			4.27
	03/12/15	8.04	987	0.63	101.7	14.53	6.32
	07/12/15	7.99	974.5	2.217			0.66
	15/12/15	7.96	1077.3	0.891			0.72
	22/12/15	7.99	1108.8	-0.197			2.59
	29/12/15	8.2	1096	0.4			0.84

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	NTU - in situ (ntu)	Secchi Depth (m)
P1-S	08/10/15	8.26	308.5	11.078	88.2	9.7	0.28	5
	19/10/15	8.14	296.3	10.081	88.8	9.99	0.6	5
	11/11/15	7.95	311.3	6.19	70.4	8.71	1.15	3.1
P1-5	08/10/15	8.24	308.5	11.043	87	9.58	0.25	
P1-10	08/10/15	8.23	308.6	11.02	86	9.47	0.28	
	11/11/15	7.86	311.2	6.108	67.5	8.37	1.11	
P1-15	08/10/15	7.5	310.8	6.56	28.5	3.49	0.6	
P1-20	08/10/15	7.3	312.4	5.758	9.5	1.19	1.11	
	11/11/15	7.86	311.3	6.068	67.3	8.36	1.23	
P1-B	08/10/15	7.25	312.4	5.754	6.8	0.86	1.4	
	11/11/15	7.88	311.3	5.919	68.5	8.54	1.57	
P2-S	08/10/15	8.29	308.4	10.973	88.8	9.79	0.32	4.75
	19/10/15	8.25	295.8	10.026	90.8	10.24	0.79	4.5
	11/11/15	7.97	311.7	6.217	68.3	8.45	1.23	2.5
P2-5	08/10/15	8.36	316.4	18.559	86.3	9.32	0.64	
P2-10	08/10/15	8.11	310.2	10.52	76.9	8.56	0.56	
	11/11/15	7.89	311.4	6.098	64.1	7.95	1.53	
P2-15	08/10/15	7.43	310.7	6.144	26.1	3.24	0.78	
P2-20	08/10/15	7.31	312.1	5.757	11.1	1.39	0.96	
	11/11/15	7.74	312.4	6.039	50.7	6.3	1.54	
P2-B	08/10/15	7.28	312.8	5.759	7.1	0.89	2.2	
	11/11/15	7.7	312.5	6.023	45.9	5.71	1.68	

Printed Date: 19/01/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	NTU - in situ (ntu)	Secchi Depth (m)
QUL-54-0m	15/10/15	8.1	135.7	11.437	96	10.48	0.34	7.5
	20/10/15	8.08	142.2	11.186	89.1	9.78	0.41	9.25
	28/10/15	7.94	142	9.875	90.6	10.25	0.45	8
QUL-55-0m	15/10/15	8.14	135.4	11.409	95.9	10.47	0.3	6.75
	20/10/15	7.93	141.8	11.161	88.8	9.75	0.44	10
	28/10/15	7.9	142.4	9.839	90.4	10.23	0.5	8.65
QUL-55-15 m	15/10/15	8.11	135.5	11.422	94	10.27	0.27	
	20/10/15	7.96	141.9	11.131	87.9	9.66	0.42	
	28/10/15	7.84	141.9	9.861	89.1	10.09	0.49	
QUL-55-30 m	15/10/15	7.92	137.8	5.716	88.2	11.06	0.38	
	20/10/15	7.74	144.9	5.377	81.3	10.28	0.53	
	28/10/15	7.72	143.6	6.695	84.7	10.36	0.6	
QUL-56-0m	15/10/15	8.12	135.5	11.412	95.6	10.44	0.31	8.5
	20/10/15	8.09	142.4	11.177	88.9	9.77	0.44	10.25
	28/10/15	7.95	141.8	9.855	90.1	10.21	0.45	9
QUL-54a-0 m	01/10/15	8.02	149.1	12.89	90.8	9.58	0.1	9
	05/10/15	7.93	211.7	12.307	91	9.74	0.13	9.1
QUL-55a-0 m	01/10/15	7.99	149.4	12.802	90.9	9.61	0.09	9
	05/10/15	7.85	211.7	12.23	91	9.75	0.15	8.2
QUL-55a-5 m	01/10/15	7.98	149.4	12.794	90.4	9.57	0.11	
	05/10/15	7.88	211.7	12.174	90.6	9.72	0.13	
QUL-55a-11	01/10/15	7.98	149.2	12.761	89.9	9.52	0.1	

Printed Date: 19/01/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	NTU - in situ (ntu)	Secchi Depth (m)
QUL-55a-11	05/10/15	7.85	211.6	12.161	90.1	9.67	0.18	
QUL-56a-0 m	01/10/15	7.94	149.2	12.788	91.6	9.69	0.11	8.5
	05/10/15	7.95	212.1	12.271	91.1	9.75	0.09	8.5
QUL-57-S	09/12/15	7.82	150.2	5.057	84.9	10.83	0.76	6.15
	14/12/15	7.8	143.9	4.798	86.1	11.05	0.52	6.65
	21/12/15	7.78	151.3	4.481	85.9	11.12	0.69	6.5
QUL-57-MI D	09/12/15	7.83	150.3	5.036	84.1	10.73	0.79	
	14/12/15	7.77	144.3	4.813	85.1	10.92	0.62	
	21/12/15	7.73	151.7	4.495	85.2	11.02	0.74	
QUL-57-B	09/12/15	7.84	150.1	5.013	83.6	10.66	0.8	
	14/12/15	7.76	144.5	4.797	84.5	10.84	0.58	
	21/12/15	7.67	151.8	4.474	82.3	10.66	0.59	
QUL-58-S	30/11/15	7.78	149.2	5.393	85.7	10.82	0.65	6.95
	02/12/15	7.72	146.3	5.208	85.1	10.81	0.73	
	07/12/15	7.76	116.4	5.054	86.6	11.04	0.65	
	09/12/15	7.74	150.2	5.05	85.1	10.85	0.76	6.1
	14/12/15	6.99	143	4.761	89.5	11.51	0.64	6.25
	21/12/15	7.67	150.6	4.464	90.6	11.73	0.79	6.2
	30/12/15	7.38	151.1	3.687	96.1	12.7	0.53	7
QUL-58-AP	21/12/15	7.59	151.9	4.478	82.7	10.7	0.74	
QUL-58-MP	21/12/15	7.65	152	4.481	82.4	10.67	0.85	
QUL-58-MI D	30/11/15	7.73	149.3	5.419	84.2	10.63	0.68	
	02/12/15	7.73	146.3	5.184	83.9	10.66	0.73	
	09/12/15	7.74	150.4	5.045	83.5	10.65	0.82	

Printed Date: 19/01/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	NTU - in situ (ntu)	Secchi Depth (m)
QUL-58-MI D	14/12/15	7.33	143.5	4.793	84.5	10.85	0.55	
	30/12/15	7.67	150.9	3.697	84.7	11.18	0.42	
QUL-58-B	30/11/15	7.78	150.8	5.396	82.2	10.39	0.71	
	02/12/15	7.74	148.2	5.163	81.9	10.41	0.71	
	09/12/15	7.74	150.3	5.001	81.7	10.43	0.76	
	14/12/15	7.45	143.1	4.788	83	10.66	0.81	
	30/12/15	7.62	160.1	3.72	83.3	11	0.62	
QUL-59-S	02/12/15	7.8	146.1	5.194	85.1	10.81	0.73	
	09/12/15	7.84	150.2	5.055	85.7	10.93	0.69	5
	14/12/15	7.77	143.8	4.746	88.1	11.33	0.58	6.65
	21/12/15	7.7	151.7	4.508	85.7	11.09	0.62	6.35
QUL-59-MI D	02/12/15	7.82	146.6	5.203	84.1	10.68	0.74	
	09/12/15	7.84	150.3	5.049	83.7	10.67	0.82	
	14/12/15	7.82	144.2	4.798	85	10.91	0.62	
	21/12/15	7.69	152.4	4.488	83.9	10.85	0.76	
QUL-59-B	09/12/15	7.85	150.5	5.023	83.1	10.6	0.9	
	14/12/15	7.78	144.5	4.766	84.1	10.8	0.54	
	21/12/15	7.68	152.6	4.463	82.3	10.66	0.82	
QUL-18-0m	15/10/15	7.79	131.2	11.491	100.3	10.93	0.46	9.25
	28/10/15	8.12	136.6	9.71	99.7	11.49	0.44	10.5
	09/11/15	7.79	142	8.383	93.6	10.98	0.41	11.25
	26/11/15	7.83	147.2	5.694	87	10.91	0.67	6.45
	07/12/15	7.8	150.9	5.133	86.3	10.97	0.82	6.1
QUL-18-20	07/12/15	7.97	150.8	5.098	85.5	10.88	0.89	

Printed Date: 19/01/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	NTU - in situ (ntu)	Secchi Depth (m)
QUL-18-40 m	15/10/15	7.85	138	4.975	85.8	10.96	0.24	
	09/11/15	7.79	150.2	5.654	82.2	10.31	0.44	
QUL-18-50	07/12/15	7.78	150.4	5.095	83.2	10.59	0.85	
QUL-18-80 m	15/10/15	7.56	139.3	4.424	83.8	10.86	0.42	
	09/11/15	7.76	151.6	4.654	79.4	10.23	1.01	
QUL-18-10	07/12/15	7.7	150.4	5.086	82.1	10.45	0.81	
QUL-2a-0m	06/10/15	8.21	142.1	12.21	90.5	9.7	0.19	8.5
	28/10/15	7.94	132.5	9.544	105.2	13.34	0.81	9.2
	09/11/15	7.67	148	7.958	87.8	10.41	0.17	12
	26/11/15	7.82	143.7	5.58	87	10.95	0.33	8.2
	07/12/15	7.86	149.7	4.859	86.5	11.08	0.36	10.1
QUL-2a-20	07/12/15	7.77	150.2	4.845	85.1	10.91	0.37	
QUL-2a-40 m	28/10/15	7.91	145.2	5.005	82.3	10.5	0.6	
	09/11/15	7.77	151.5	5.667	81.5	10.19	0.28	
	07/12/15	7.69	150.3	4.848	84.1	10.78	0.39	
QUL-2a-60 m	28/10/15	7.63	145.1	4.667	80.8	10.4	0.64	
	09/11/15	7.76	151.6	4.817	79.7	10.22	0.69	
	07/12/15	7.6	150	4.843	83.1	10.66	0.37	
QUL-40a-0 m	15/10/15	8.66	129.2	11.034	105.2	11.77	0.24	8.75
	18/11/15	7.74	140.1	6.757	88.2	10.77	0.29	11.45
QUL-40a-4 0m	15/10/15	7.98	137.4	4.396	87.8	11.38	0.18	
	18/11/15	7.77	141	5.103	85.5	10.9	0.37	
QUL-40a-8 0m	15/10/15	7.79	138	3.688	86.5	11.42	0.23	
	18/11/15	7.77	141.9	3.664	82.8	10.95	0.23	

Printed Date: 19/01/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in (%))	Dissolved Oxygen (in (mg/L))	NTU - in situ (ntu)	Secchi Depth (m)
QUL-120a-0m	15/10/15	8.27	129.1	11.25	103.6	11.4	0.43	8.5
	18/11/15	7.71	140.3	6.704	88.5	10.81	0.3	10.95
QUL-120a-40m	15/10/15	7.98	138.3	5.103	86.9	11.05	0.17	
	18/11/15	7.7	139.5	6.713	86.9	10.63	0.14	
QUL-120a-80m	15/10/15	7.78	137.5	3.839	86	11.32	0.26	
	18/11/15	7.78	141.4	3.841	82.3	10.83	0.14	
QUL-120a-	15/10/15						0.39	

		pH (in situ) (pH)	Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	Dissolved Oxygen (in (%))	Dissolved Oxygen (in (mg/L))	NTU - in situ (ntu)
QUR-1	07/10/15	8.36	106.9	12.614	87.2	9.26	0
	19/10/15			10.5			0.32
	12/11/15	7.94	108	7.964	85.1	10.09	0
	19/11/15	7.91	108.7	6.77			0.72
	03/12/15	7.78	109.1	5.13			0.33
	09/12/15	8	118	5.3			0.34
	16/12/15	7.83	109.8	4.58			0.22
	30/12/15	8.1	117	2.3			1.84

Appendix 3

Monitoring data report for: Permitted Hydrology Sites



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Oct-2015 to: 31-Dec-2015

		Staff Gauge (m)	Q (m ³ /s)
H1 Up HAC	17/11/15	0.364	0.1096
H2 Low HAC Hydrology	05/11/15	0.379	0.1355
	12/11/15		0.1228
	17/11/15	0.371	0.1139
	07/12/15		0.021
	08/12/15	0.44	
	15/12/15	0.432	0.2427
	22/12/15	0.402	0.1529
H3 Low EDC Hydrology	05/11/15	0.418	0.0712
	17/11/15	0.414	0.0577
H4 POL Weir Hydrolog	12/11/15		0.1352
	17/11/15	0.885	0.1151