



Mount Polley Mining Corporation

an Imperial Metals company

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May 13, 2016

2016 First 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 first quarter of 2016 (January - March) 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.

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

May 13, 2016

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

RE: First Quarter 2016 Report for Post TSF-Breach Monitoring Plan

Mount Polley Mining Corporation is pleased to present this first quarter Post TSF-Breach Monitoring report for 2016 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*. The *Comprehensive Environmental Monitoring Plan* was submitted to the Ministry of Environment on March 31, 2016. 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 2016 Annual Report.
- There were 87 surface water quality sampling events and 17 profile monitoring events. Note that the samples sites E11, E19, HAD-03, HAC-12, QUL-57, QUL-58, and QUL-59 are included in both this report and the *2016 First Quarter Report for Permit 11678*.
- Quality assurance monitoring incorporates all water quality samples taken, including Permit 11678 sites. These data are reported in the *2016 First Quarter Report for Permit 11678*.
- For water balance information, refer to the *2016 First 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 first quarter 2016

Site Name	BC EMS Code	Full Sample Suite Frequency	Required Samples	Completed Samples	Required Profiles	Completed Profiles
E11	E302090	Monthly	3	9	-	-
E19	E305050	Weekly	13	18	-	-
EDC-01	E303014	Monthly	3	3	-	-
HAC-05a	E304510	Monthly	3	3	-	-
HAC-08	E303013	Monthly	3	3	-	-
HAC-10	E303010	Monthly	3	4	-	-
HAC-12	E304351	Weekly ¹	13	15	-	-
HAD-03	E304230	Weekly	13	17	-	-
QUL-57	E304874	Weekly/Monthly ²	3	2 ³	3	5
QUL-58	E304876	Weekly/Monthly ²	3	3	3	5
QUL-59	E304875	Weekly/Monthly ²	3	2 ³	3	5
QUL-18	E303019	Bi-Monthly/ Twice ^{4,5}	1	1	1	1
QUL-2a	E303020	Bi-Monthly/ Twice ^{4,5}	1	1	1	1
QUL-40a	E303021	Monthly ⁶	0	0	0	0
QUL-120a	E303022	Monthly ⁶	0	0	0	0
QUL-21a	E303023	Bi-Monthly Profile ⁶	-	-	0	0
QUL-66a	E303024	Bi-Monthly Profile ⁶	-	-	0	0
QUL-79	E303025	Bi-Monthly Profile ⁶	-	-	0	0
QUR-1	E303026	Bi-Monthly	6	6	-	-
P1	E207974	Bi-Monthly/Monthly ⁴	0	0	0	0
P2	E207975	Bi-Monthly/Monthly ⁴	0	0	0	0

¹ Monthly if not discharging

² Weekly between spring and fall overturn; monthly during winter when discharging

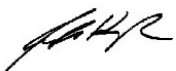
³ One sampling event missed in February due to weather and time constraints

⁴ Bi-monthly profiles and monthly sampling between spring and fall overturn

⁵ Twice during winter

⁶ Between spring and fall overturn

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
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
EDC-01	05/01/16	342	171	8.15	225	<3.0	1.1	141
	01/02/16	210	101	8.05	146	<3.0	2.34	92.2
	02/03/16	154	78	7.88	84	1.9	2.56	66.9
	10/03/16					8.2	5.75	
	15/03/16					3.7	3.46	
	23/03/16					9.1	4.85	
	29/03/16					5.4	3.75	

Monitoring data report for: Edney Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	05/01/16	0.0077	1.95	0.087	0.367	0.367	<0.0010	0.0035
	01/02/16	0.0067	0.52	0.06	0.612	0.614	0.0025	0.0037
	02/03/16	0.0066	<0.50	0.046	0.351	0.351	<0.0010	0.0026
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	05/01/16	0.0057	0.0091	38.2	0.636	8.66	0.0271	<0.00010
	01/02/16	0.0137	0.0192	11.6	1.05	14.9	0.168	<0.00010
	02/03/16	0.0147	0.0232	7.92	0.923	17.9	0.218	<0.00010
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



Mount Polley
Mining Corporation
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	05/01/16	0.00164	0.0299	<0.00010	<0.000050	0.02	0.0000078	45
	01/02/16	0.00107	0.0158	<0.00010	<0.000050	0.012	<0.0000050	26.5
	02/03/16	0.0008	0.0124	<0.00010	<0.000050	<0.010	<0.0000050	20.7
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	05/01/16	<0.00050	<0.00010	0.00496	0.077	<0.000050	0.0012	13.2
	01/02/16	0.00076	0.00013	0.00428	0.316	0.000067	<0.0010	8.71
	02/03/16	0.00094	0.00015	0.00429	0.393	0.000082	<0.0010	5.99
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	05/01/16	0.0112	0.00402	0.00064	1.03	0.00121	4.95	<0.000010
	01/02/16	0.0121	0.00137	0.00114	0.803	0.000178	5.02	<0.000010
	02/03/16	0.011	0.000502	0.00141	0.643	0.000212	5.07	<0.000010
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	05/01/16	8.92	0.329	<0.000010	<0.00010	0.011	0.000438	0.00051
	01/02/16	5.12	0.163	<0.000010	<0.00010	0.013	0.000176	0.00113
	02/03/16	3.35	0.132	<0.000010	<0.00010	<0.010	0.000125	0.0013
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



Mount Polley
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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	05/01/16	<0.0030	0.0065	<0.00010	0.00152	0.0289	<0.00010	<0.000050
	01/02/16	<0.0030	0.0615	<0.00010	0.001	0.0142	<0.00010	<0.000050
	02/03/16	<0.0030	0.0968	<0.00010	0.00068	0.0111	<0.00010	<0.000050
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	05/01/16	0.019	0.0000052	46.5	<0.00050	<0.00010	0.00441	0.05
	01/02/16	0.012	0.0000058	26.5	<0.00050	<0.00010	0.00323	0.173
	02/03/16	<0.010	<0.0000050	21.2	0.00069	<0.00010	0.00368	0.236
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	05/01/16	<0.000050	0.0011	13.3	0.00932	0.00352	0.00057	0.984
	01/02/16	<0.000050	<0.0010	8.42	0.0074	0.000763	0.00096	0.766
	02/03/16	<0.000050	<0.0010	6.07	0.0057	0.000462	0.00111	0.627
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	05/01/16	0.00117	4.85	<0.000010	8.53	0.317	<0.000010	<0.00010
	01/02/16	0.000201	4.76	<0.000010	5.04	0.166	<0.000010	<0.00010
	02/03/16	0.000176	4.88	<0.000010	3.3	0.131	<0.000010	<0.00010
	10/03/16							
	15/03/16							
	23/03/16							
	29/03/16							

Monitoring data report for: Edney Creek



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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	05/01/16	0.01	0.000411	<0.00050	<0.0030
	01/02/16	<0.010	0.000156	0.00062	<0.0030
	02/03/16	<0.010	0.000112	0.00078	<0.0030
	10/03/16				
	15/03/16				
	23/03/16				
	29/03/16				

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
E19	05/01/16	1210	545	7.97	854	9.9	4.51	80.8
	06/01/16	1180	549	7.87	862	13.7	4.13	74
	07/01/16	1190	560	7.85	833	5	3.38	73.5
	12/01/16	1200	533	7.93	866	6.6	5.65	77.2
	18/01/16	1190	547	7.79	899	4.7	4.61	69.5
	19/01/16	1190	563	7.87	885	3.6	3.72	69.7
	26/01/16	1170	554	7.94	845	6.1	4.9	70.8
	01/02/16	1160	544	7.93	840	6.2	7.09	72
	09/02/16	1190	559	7.9	881	5.9	5.52	72.5
	15/02/16	1160	524	7.88	832	8	10.9	76
	22/02/16	1170	557	7.89	868	8	12.2	76.2
	24/02/16	1180	542	7.89	877	8	13.5	76.3
	29/02/16	1190	556	7.93	872	7.5	12.4	76.2
	02/03/16	1200	568	7.93	905	7.6	8.45	76.7
	08/03/16	1170	581	7.95	901	5.3	10.2	80.3
	15/03/16	1200	582	7.98	915	7	9.69	81.2
23/03/16	1250	599	7.91	940	13.1	9.75	73	
29/03/16	1140	613	7.95	896	11.3	14	91.2	
E11	06/01/16	1150	520	7.95	838	<3.0	0.9	61.3
	26/01/16	1170	531	8.06	867	3.4	0.66	58.2
	28/01/16	1180	512	8.04	823	3.8	3.09	58.6
	01/02/16	1160	491	7.95	830	<3.0	0.72	56.2

Printed Date: 19/04/2016

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E19	05/01/16	0.0492	11.1	0.52	7.41	7.45	0.0377	0.0027
	06/01/16	0.0452	10.5	0.53	7.62	7.66	0.0363	0.0036
	07/01/16	0.0392	10.7	0.53	7.74	7.78	0.036	0.0034
	12/01/16	0.0605	12.5	0.53	7.55	7.58	0.0332	0.0053
	18/01/16	0.0396	11.7	0.5	8.33	8.36	0.0336	0.0048
	19/01/16	0.048	11.6	0.5	8.3	8.33	0.0321	0.0039
	26/01/16	0.0436	9.9	0.43	8.01	8.05	0.0324	0.0037
	01/02/16	0.0656	10.3	0.44	8.11	8.14	0.0381	0.0054
	09/02/16	0.0721	11.2	0.49	7.86	7.89	0.0311	0.0021
	15/02/16	0.149	11	0.45	7.91	7.94	0.0328	0.0137
	22/02/16	0.103	10.4	0.46	7.83	7.87	0.0353	0.0091
	24/02/16	0.107	10.6	0.46	8.09	8.13	0.0396	0.0078
	29/02/16	0.0718	10.9	0.45	8.02	8.06	0.0362	0.0037
	02/03/16	0.0591	11.7	0.47	8.39	8.42	0.0332	0.0037
	08/03/16	0.0545	10.4	0.41	8.58	8.62	0.0315	0.0035
	15/03/16	0.052	9	0.41	8.69	8.72	0.0233	0.0078
23/03/16	0.0268	10.1	0.42	9.7	9.73	0.0244	<0.0010	
29/03/16	0.0663	6.6	0.38	7.77	7.79	0.014	0.0308	
E11	06/01/16	0.0613	9.9	0.5	8.3	8.35	0.0534	0.004
	26/01/16	0.0913	10.7	0.51	8.74	8.8	0.0554	0.0038
	28/01/16	0.105	10.2	0.44	8.37	8.42	0.0501	0.0029
	01/02/16	0.0939	10.1	0.5	8.32	8.38	0.0524	0.0025

Printed Date: 19/04/2016

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E19	05/01/16	0.0057	0.0203	529	7.42	2.47	0.265	0.00135
	06/01/16	0.0052	0.0235	527	7.68	2.3	0.353	0.00134
	07/01/16	0.0054	0.0158	534	7.68	2.6	0.147	0.0013
	12/01/16	0.0094	0.0204	527	7.52	2.47	0.195	0.00123
	18/01/16	0.0073	0.0168	531	8.01	2.69	0.209	0.00144
	19/01/16	0.0081	0.0161	529	8.25	2.82	0.194	0.00134
	26/01/16	0.0063	0.0192	514	8.13	2.71	0.307	0.00135
	01/02/16	0.0091	0.0201	514	8.15	2.91	0.408	0.0012
	09/02/16	0.0046	0.0137	524	7.82	2.88	0.302	0.00128
	15/02/16	0.0183	0.0335	504	7.98	3.92	0.564	0.0012
	22/02/16	0.0116	0.0284	510	7.96	3.56	0.706	0.00113
	24/02/16	0.0134	0.0306	531	8.05	3.33	0.83	0.00114
	29/02/16	0.0047	0.0248	527	7.95	3.3	0.587	0.00103
	02/03/16	0.0074	0.0287	534	7.49	3.19	0.522	0.00109
	08/03/16	0.0074	0.0248	506	8.65	4.09	0.53	0.00082
	15/03/16	0.0107	0.031	525	8.71	4.32	0.501	0.00077
23/03/16	0.0052	0.0228	558	10	3.74	0.559	0.00091	
29/03/16	0.0362	0.0657	510	8.01	5.24	0.696	0.00051	
E11	06/01/16	0.007	0.0156	514	8.31	2.27	0.0804	0.00164
	26/01/16	0.0063	0.0105	545	8.32	2.53	0.074	0.00147
	28/01/16	0.0055	0.011	520	8.58	2.49	0.151	0.00157
	01/02/16	0.0046	0.0094	515	7.88	2.69	0.0499	0.00158

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E19	05/01/16	0.00113	0.0589	<0.00010	<0.000050	0.157	0.0000341	164
	06/01/16	0.0011	0.0598	<0.00010	<0.000050	0.168	0.0000292	164
	07/01/16	0.001	0.0563	<0.00010	<0.000050	0.161	<0.000050	170
	12/01/16	0.00109	0.06	<0.00010	<0.000050	0.15	0.0000312	163
	18/01/16	0.00106	0.0625	<0.00010	<0.000050	0.16	0.000024	167
	19/01/16	0.00095	0.0639	<0.00010	<0.000050	0.148	0.0000251	170
	26/01/16	0.001	0.0685	<0.00010	<0.000050	0.155	0.0000343	168
	01/02/16	0.00098	0.0599	<0.00010	<0.000050	0.146	<0.000025	162
	09/02/16	0.00102	0.0578	<0.00010	<0.000050	0.153	0.0000273	172
	15/02/16	0.00109	0.0684	<0.00010	<0.000050	0.127	0.0000335	154
	22/02/16	0.00113	0.0672	<0.00010	<0.000050	0.13	<0.000050	170
	24/02/16	0.00119	0.0641	<0.00010	<0.000050	0.128	0.0000498	162
	29/02/16	0.00105	0.0622	<0.00010	<0.000050	0.133	0.0000674	166
	02/03/16	0.00106	0.0659	<0.00010	<0.000050	0.139	0.0000502	172
	08/03/16	0.00099	0.0613	<0.00010	<0.000050	0.1	0.0000415	166
	15/03/16	0.001	0.0543	<0.00010	<0.000050	0.106	0.0000619	172
23/03/16	0.00107	0.0568	<0.00010	<0.000050	0.098	0.0000594	177	
29/03/16	0.00105	0.0509	<0.00010	<0.000050	0.101	0.0000683	186	
E11	06/01/16	0.00118	0.0603	<0.00010	<0.000050	0.15	0.0000183	157
	26/01/16	0.00092	0.0586	<0.00010	<0.000050	0.161	0.0000077	155
	28/01/16	0.00096	0.0562	<0.00010	<0.000050	0.144	0.0000074	161
	01/02/16	0.00096	0.0575	<0.00010	<0.000050	0.146	0.0000137	144

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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)
E19	05/01/16	<0.00050	0.00032	0.00941	0.3	0.00014	0.0105	32.3
	06/01/16	0.0006	0.00039	0.0108	0.397	0.000159	0.0117	30.8
	07/01/16	<0.00050	0.00024	0.00931	0.162	0.000081	0.0109	32
	12/01/16	<0.00050	0.00032	0.00838	0.207	0.000106	0.0122	31.9
	18/01/16	<0.00050	0.0003	0.00814	0.194	0.000148	0.014	32.5
	19/01/16	<0.00050	0.00029	0.00782	0.216	0.000091	0.0126	31.7
	26/01/16	0.00065	0.00033	0.0122	0.318	0.00013	0.0126	32.6
	01/02/16	<0.00050	0.0004	0.0165	0.401	0.000131	0.0132	31.6
	09/02/16	<0.00050	0.00033	0.0115	0.299	0.000098	0.0128	33.7
	15/02/16	<0.00060	0.00053	0.0274	0.554	0.00018	0.0123	32.4
	22/02/16	<0.00050	0.00061	0.0326	0.622	0.000243	0.0119	32.1
	24/02/16	0.00059	0.00071	0.0396	0.675	0.000233	0.0115	32.3
	29/02/16	<0.00050	0.0006	0.0326	0.563	0.000193	0.0107	31.5
	02/03/16	<0.00050	0.00056	0.0291	0.428	0.000173	0.0113	32.1
	08/03/16	<0.00050	0.00058	0.0322	0.517	0.000182	0.0102	32.9
15/03/16	0.00054	0.00056	0.0301	0.508	0.000204	0.009	31.5	
23/03/16	0.00059	0.00054	0.0282	0.552	0.000241	0.0107	33.5	
29/03/16	0.00087	0.00077	0.0456	0.7	0.000247	0.0065	31.8	
E11	06/01/16	<0.00050	0.00026	0.0113	0.045	<0.000050	0.0123	31.5
	26/01/16	<0.00050	0.00021	0.00738	0.049	<0.000050	0.0147	30.8
	28/01/16	<0.00050	0.00025	0.0104	0.113	<0.000050	0.0163	32.4
	01/02/16	<0.00050	0.00016	0.00556	<0.030	<0.000050	0.0138	31

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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)
E19	05/01/16	0.141	0.154	0.00107	9.77	0.03	5.44	<0.000010
	06/01/16	0.117	0.146	0.00131	9.57	0.0299	5.24	<0.000010
	07/01/16	0.109	0.145	0.00073	9.52	0.0302	5.09	<0.000010
	12/01/16	0.165	0.148	0.00085	10.8	0.0293	5.02	<0.000010
	18/01/16	0.128	0.158	0.00086	11.1	0.0329	4.79	0.000014
	19/01/16	0.118	0.152	0.00085	10.6	0.0325	4.74	<0.000010
	26/01/16	0.0892	0.146	0.0009	10.2	0.0331	5.09	<0.000010
	01/02/16	0.093	0.139	0.001	10.1	0.0309	5.14	<0.000010
	09/02/16	0.14	0.15	0.00095	10.8	0.0315	5.03	<0.000010
	15/02/16	0.155	0.137	0.00125	9.64	0.0283	5.72	0.000015
	22/02/16	0.133	0.139	0.00124	9.31	0.0306	5.89	0.000011
	24/02/16	0.145	0.149	0.00127	9.86	0.0314	6.34	0.000011
	29/02/16	0.139	0.146	0.00117	8.87	0.0316	5.66	<0.000010
	02/03/16	0.156	0.155	0.00109	9.48	0.0338	5.48	<0.000010
	08/03/16	0.144	0.141	0.00103	7.78	0.0323	5.43	0.00002
	15/03/16	0.122	0.138	0.00113	7.13	0.0342	5.48	<0.000010
23/03/16	0.106	0.159	0.00119	8.38	0.0367	5.29	<0.000010	
29/03/16	0.131	0.139	0.00171	4.6	0.0318	6.24	0.000015	
E11	06/01/16	0.0515	0.151	0.00125	11.5	0.0357	4.43	<0.000010
	26/01/16	0.0575	0.156	0.00063	11.7	0.0356	4.04	<0.000010
	28/01/16	0.0564	0.157	0.00071	12.1	0.0333	4.39	<0.000010
	01/02/16	0.0518	0.15	0.00064	11.4	0.0325	3.94	<0.000010

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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)
E19	05/01/16	45.3	2.87	<0.000010	<0.00010	0.032	0.00226	0.00139
	06/01/16	47.5	2.69	<0.000010	<0.00010	0.024	0.00222	0.00154
	07/01/16	43.3	2.7	<0.000010	<0.00010	0.019	0.00213	0.00113
	12/01/16	48	2.48	<0.000010	<0.00010	0.019	0.00193	0.00118
	18/01/16	49.7	2.69	0.000011	<0.00010	0.017	0.0022	0.00111
	19/01/16	46	2.48	<0.000010	<0.00010	0.015	0.00201	0.00123
	26/01/16	45.7	2.55	<0.000010	<0.00010	0.023	0.00214	0.00158
	01/02/16	45.7	2.35	<0.000010	<0.00010	0.033	0.00181	0.00191
	09/02/16	49.6	2.5	<0.000010	<0.00010	0.023	0.00189	0.00144
	15/02/16	44.4	2.21	<0.000010	<0.00010	0.042	0.00182	0.00219
	22/02/16	43.4	2.35	<0.000010	<0.00010	0.045	0.00185	0.00249
	24/02/16	47.9	2.49	<0.000010	<0.00010	0.053	0.00187	0.00285
	29/02/16	44.5	2.42	<0.000010	<0.00010	0.041	0.00178	0.00228
	02/03/16	46.8	2.56	<0.000010	<0.00010	0.036	0.00192	0.00214
	08/03/16	40.7	2.09	<0.000010	<0.00010	0.044	0.00156	0.00234
	15/03/16	37.7	2.33	<0.000010	<0.00010	0.044	0.00186	0.00207
23/03/16	40.7	2.66	<0.000010	<0.00010	0.042	0.0017	0.00219	
29/03/16	31.4	2.45	<0.000010	<0.00010	0.045	0.00195	0.00248	
E11	06/01/16	44.4	2.54	<0.000010	<0.00010	0.011	0.00226	0.0009
	26/01/16	49.1	2.48	<0.000010	<0.00010	0.015	0.00189	0.00092
	28/01/16	48.2	2.43	<0.000010	<0.00010	0.018	0.00191	0.00108
	01/02/16	47.3	2.32	<0.000010	<0.00010	0.016	0.00175	0.00082

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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)
E19	05/01/16	0.0064	0.0134	0.00122	0.00094	0.0536	<0.00010	<0.000050
	06/01/16	0.0069	0.0123	0.00133	0.00092	0.0549	<0.00010	<0.000050
	07/01/16	0.0058	0.012	0.00133	0.00094	0.0548	<0.00010	<0.000050
	12/01/16	0.0066	0.0107	0.00123	0.00098	0.058	<0.00010	<0.000050
	18/01/16	0.0049	0.0093	0.00136	0.0009	0.06	<0.00010	<0.000050
	19/01/16	0.0058	0.0101	0.00127	0.00081	0.059	<0.00010	<0.000050
	26/01/16	0.0063	0.01	0.00135	0.00086	0.063	<0.00010	<0.000050
	01/02/16	0.0068	0.0103	0.0012	0.00078	0.0563	<0.00010	<0.000050
	09/02/16	0.0065	0.0112	0.00122	0.0009	0.0567	<0.00010	<0.000050
	15/02/16	0.008	0.0085	0.00112	0.00088	0.0615	<0.00010	<0.000050
	22/02/16	0.009	0.01	0.00111	0.00083	0.0562	<0.00010	<0.000050
	24/02/16	0.0091	0.0097	0.00113	0.00084	0.0555	<0.00010	<0.000050
	29/02/16	0.0092	0.0091	0.00108	0.00086	0.0578	<0.00010	<0.000050
	02/03/16	0.0087	0.0099	0.00109	0.00082	0.0604	<0.00010	<0.000050
	08/03/16	0.0082	0.0105	0.00083	0.00079	0.0576	<0.00010	<0.000050
	15/03/16	0.009	0.0123	0.00073	0.00082	0.0503	<0.00010	<0.000050
23/03/16	0.0096	0.0141	0.00092	0.00087	0.0531	<0.00010	<0.000050	
29/03/16	0.012	0.0189	0.0005	0.00082	0.0449	<0.00010	<0.000050	
E11	06/01/16	<0.0030	0.0086	0.00156	0.00092	0.0576	<0.00010	<0.000050
	26/01/16	<0.0030	0.0121	0.00146	0.0009	0.058	<0.00010	<0.000050
	28/01/16	<0.0030	0.0133	0.00146	0.00084	0.05	<0.00010	<0.000050
	01/02/16	<0.0030	0.0123	0.00154	0.00094	0.0576	<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)
E19	05/01/16	0.148	0.0000299	166	<0.00050	0.00015	0.00399	<0.030
	06/01/16	0.161	0.0000294	169	<0.00050	0.00015	0.00412	<0.030
	07/01/16	0.148	<0.000040	172	<0.00050	0.00015	0.00441	<0.030
	12/01/16	0.15	0.0000283	162	<0.00050	0.00019	0.00418	<0.030
	18/01/16	0.148	0.0000293	167	<0.00050	0.00018	0.00454	<0.030
	19/01/16	0.141	0.0000177	172	<0.00050	0.00018	0.00466	<0.030
	26/01/16	0.143	0.0000324	169	<0.00050	0.00014	0.0048	<0.030
	01/02/16	0.144	<0.000025	165	<0.00050	0.00015	0.00555	<0.030
	09/02/16	0.138	0.0000275	171	<0.00050	0.00016	0.00527	<0.030
	15/02/16	0.12	0.0000278	158	<0.00050	0.0002	0.00743	<0.030
	22/02/16	0.12	<0.000040	171	<0.00050	0.00018	0.00729	<0.030
	24/02/16	0.122	0.0000402	165	<0.00050	0.0002	0.00778	<0.030
	29/02/16	0.133	0.0000539	171	<0.00050	0.0002	0.0083	<0.030
	02/03/16	0.133	0.0000522	175	<0.00050	0.0002	0.00823	<0.030
	08/03/16	0.102	<0.000060	177	<0.00050	0.00022	0.0101	<0.030
	15/03/16	0.092	0.0000629	181	<0.00050	0.00022	0.0131	<0.030
23/03/16	0.095	0.0000472	185	<0.00050	0.00018	0.0111	<0.030	
29/03/16	0.095	0.0000614	193	<0.00050	0.00031	0.0248	<0.030	
E11	06/01/16	0.169	0.000014	158	<0.00050	0.00019	0.00402	<0.030
	26/01/16	0.151	0.000008	161	<0.00050	0.00017	0.00339	<0.030
	28/01/16	0.126	0.0000088	155	<0.00050	0.00015	0.00275	<0.030
	01/02/16	0.143	0.0000112	147	<0.00050	0.00014	0.00319	<0.030

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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)
E19	05/01/16	<0.000050	0.0098	31.5	0.125	0.139	0.00055	9.24
	06/01/16	<0.000050	0.0115	30.9	0.0977	0.141	0.00062	9.02
	07/01/16	<0.000050	0.0105	31.5	0.103	0.139	<0.000050	9.56
	12/01/16	<0.000050	0.0121	31.4	0.154	0.141	0.00056	10.5
	18/01/16	<0.000050	0.0131	31.9	0.119	0.145	0.00061	10.8
	19/01/16	<0.000050	0.0122	32.3	0.111	0.141	0.00064	10.4
	26/01/16	<0.000050	0.0111	32.2	0.0747	0.138	<0.000050	9.87
	01/02/16	<0.000050	0.0127	31.7	0.08	0.129	0.00059	9.81
	09/02/16	<0.000050	0.013	32	0.132	0.134	0.00054	10.9
	15/02/16	<0.000050	0.0117	31.7	0.134	0.13	0.00071	9.39
	22/02/16	<0.000050	0.011	31.6	0.109	0.136	0.00067	9.17
	24/02/16	<0.000050	0.011	31.4	0.117	0.144	0.00068	9.69
	29/02/16	<0.000050	0.0106	31.4	0.127	0.144	0.00073	9.2
	02/03/16	<0.000050	0.0107	31.7	0.138	0.151	0.00065	9.3
	08/03/16	<0.000050	0.0101	33.6	0.132	0.143	0.00061	8.08
15/03/16	<0.000050	0.008	31.8	0.112	0.122	0.00066	7.33	
23/03/16	<0.000050	0.0104	33.6	0.0949	0.163	0.00063	8.48	
29/03/16	<0.000050	0.0059	31.7	0.116	0.135	0.00088	4.65	
E11	06/01/16	<0.000050	0.0131	30.8	0.0469	0.139	<0.000050	10.2
	26/01/16	<0.000050	0.0145	31.1	0.0551	0.151	0.00055	11.6
	28/01/16	<0.000050	0.0151	30.1	0.048	0.139	0.00051	11
	01/02/16	<0.000050	0.0136	30.3	0.049	0.148	0.0006	11.2

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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)
E19	05/01/16	0.0292	4.8	<0.000010	42.1	2.73	<0.000010	<0.00010
	06/01/16	0.0298	4.71	<0.000010	42.7	2.71	<0.000010	<0.00010
	07/01/16	0.0302	4.74	<0.000010	43.2	2.71	<0.000010	<0.00010
	12/01/16	0.0295	4.57	<0.000010	46.6	2.42	<0.000010	<0.00010
	18/01/16	0.0339	4.33	<0.000010	48.1	2.55	<0.000010	<0.00010
	19/01/16	0.031	4.32	<0.000010	46.5	2.4	<0.000010	<0.00010
	26/01/16	0.0313	4.31	<0.000010	42.7	2.45	<0.000010	<0.00010
	01/02/16	0.0313	4.35	<0.000010	44.7	2.31	<0.000010	<0.00010
	09/02/16	0.0331	4.35	<0.000010	49.9	2.32	<0.000010	<0.00010
	15/02/16	0.0284	4.42	<0.000010	43.4	2.13	<0.000010	<0.00010
	22/02/16	0.0299	4.46	<0.000010	43.1	2.28	<0.000010	<0.00010
	24/02/16	0.0308	4.48	<0.000010	45.7	2.43	<0.000010	<0.00010
	29/02/16	0.0316	4.42	<0.000010	46	2.49	<0.000010	<0.00010
	02/03/16	0.0344	4.36	<0.000010	45.6	2.55	<0.000010	<0.00010
	08/03/16	0.0341	4.44	<0.000010	42.6	2.18	<0.000010	<0.00010
	15/03/16	0.0361	4.45	<0.000010	38.9	2.16	<0.000010	<0.00010
23/03/16	0.0379	4.23	<0.000010	40.6	2.71	<0.000010	<0.00010	
29/03/16	0.0321	4.92	<0.000010	32	2.46	<0.000010	<0.00010	
E11	06/01/16	0.0336	4.21	<0.000010	44.3	2.4	<0.000010	<0.00010
	26/01/16	0.0353	3.98	<0.000010	47.8	2.44	<0.000010	<0.00010
	28/01/16	0.0312	3.91	<0.000010	44.2	2.24	<0.000010	<0.00010
	01/02/16	0.0319	3.8	<0.000010	46.4	2.28	<0.000010	<0.00010

Printed Date: 19/04/2016

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
E19	05/01/16	0.02	0.00195	0.00066	0.0046
	06/01/16	<0.010	0.00218	0.00067	0.0054
	07/01/16	0.012	0.00208	0.00067	0.005
	12/01/16	0.011	0.00187	0.00064	0.0057
	18/01/16	<0.010	0.00209	0.00063	0.0043
	19/01/16	<0.010	0.00195	0.00063	0.0054
	26/01/16	<0.010	0.00198	0.00068	0.0049
	01/02/16	0.015	0.00175	0.00062	0.0051
	09/02/16	<0.010	0.00172	0.00074	0.0052
	15/02/16	0.015	0.00174	0.00072	0.0058
	22/02/16	0.012	0.00181	0.00065	0.0056
	24/02/16	0.012	0.00181	0.00074	0.0069
	29/02/16	0.011	0.0018	0.00077	0.0067
	02/03/16	0.012	0.0018	0.00069	0.0067
	08/03/16	0.017	0.0016	0.00072	0.0062
	15/03/16	0.016	0.00168	0.00071	0.0074
23/03/16	0.015	0.00173	0.00069	0.0078	
29/03/16	0.014	0.00192	0.00076	0.0085	
E11	06/01/16	<0.010	0.00206	0.00068	<0.0030
	26/01/16	0.012	0.0019	0.00067	<0.0030
	28/01/16	0.011	0.00173	0.00061	<0.0030
	01/02/16	0.014	0.00172	0.00065	<0.0030

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
E11	03/03/16	1160	514	8.06	865	5	3.27	48.7
	08/03/16	1180	537	8.02	881	6.9	4.85	51.4
	15/03/16	1170	517	7.98	866	4.8	5.08	49.5
	22/03/16	1170	512	7.95	868	6.8	5.33	50.6
	29/03/16	1150	527	8.13	884	3.1	1.56	49.5

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
HAC-10	05/01/16	299	131	8.11	188	<3.0	0.51	100
	01/02/16	302	142	8.01	199	<3.0	0.49	99.5
	24/02/16	297	133	7.94	202	<1.0	0.41	95.5
	02/03/16	294	136	7.98	193	<1.0	0.57	94.8
HAC-08	05/01/16	923	429	8.08	616	64.8	2.11	94.6
	01/02/16	791	365	8.08	542	12.1	2.12	95.7
	02/03/16	704	323	8.11	480	24	2.04	92.7
HAC-05a	05/01/16	965	444	7.9	644	6.2	0.79	85.2
	01/02/16	806	366	7.99	546	4.5	1.09	91.5
	02/03/16	766	352	8.14	531	3	0.83	89.9

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E11	03/03/16	0.172	11	0.53	8.55	8.61	0.0609	0.0021
	08/03/16	0.15	11.2	0.53	8.56	8.62	0.0516	0.0015
	15/03/16	0.139	11.1	0.51	8.38	8.43	0.0511	<0.0010
	22/03/16	0.134	11	0.52	8.4	8.46	0.0506	0.0018
	29/03/16	0.135	11.5	0.49	8.58	8.64	0.0571	<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)
HAC-10	05/01/16	0.0056	1.34	0.089	0.152	0.153	0.0011	0.0211
	01/02/16	<0.0050	1.41	0.088	0.176	0.177	0.0013	0.0248
	24/02/16	<0.0050	1.34	0.088	0.187	0.187	<0.0010	0.0238
	02/03/16	0.0053	1.37	0.091	0.2	0.2	<0.0010	0.0227
HAC-08	05/01/16	0.0241	14	0.25	4.78	4.81	0.0225	0.0025
	01/02/16	0.0158	9.6	0.23	4.17	4.18	0.0169	0.0034
	02/03/16	0.006	10.8	0.19	3.49	3.5	0.015	<0.0010
HAC-05a	05/01/16	0.0399	16.3	0.26	5.23	5.26	0.0265	0.0019
	01/02/16	0.0303	10.3	0.24	4.53	4.55	0.0216	0.0042
	02/03/16	0.0094	11.9	0.19	3.89	3.91	0.0149	0.0017

Monitoring data report for: Effluent Water Quality Site



Mount Polley
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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E11	03/03/16	0.0056	0.0143	527	8.94	3.02	0.283	0.00156
	08/03/16	0.0052	0.0192	527	8.65	3.39	0.343	0.00151
	15/03/16	0.0034	0.0167	517	8.46	2.86	0.249	0.0016
	22/03/16	0.0049	0.0212	522	8.66	3.28	0.28	0.00151
	29/03/16	0.0031	0.0154	532	8.85	2.69	0.134	0.00162

		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-10	05/01/16	0.0286	0.0302	48.1	0.422	5.44	0.0208	0.00017
	01/02/16	0.0298	0.0308	49.9	0.464	5.93	0.0165	0.00013
	24/02/16	0.0309	0.0289	47.8	0.485	6.77	0.0189	0.00012
	02/03/16	0.0277	0.0286	48	0.503	6.58	0.0233	0.00013
HAC-08	05/01/16	0.0045	0.0919	364	4.78	3.31	0.854	0.00083
	01/02/16	0.0067	0.0323	297	4.11	4.54	0.467	0.00066
	02/03/16	0.0042	0.0391	261	3.52	6.34	0.544	0.00052
HAC-05a	05/01/16	0.0045	0.0124	385	5.3	3.16	0.472	0.00103
	01/02/16	0.0078	0.0179	318	4.41	4.49	0.427	0.00064
	02/03/16	0.0056	0.0152	281	4.02	4.98	0.341	0.00055

Monitoring data report for: Effluent Water Quality Site



Mount Polley
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E11	03/03/16	0.00119	0.0551	<0.00010	<0.000050	0.144	0.000011	152
	08/03/16	0.00121	0.0577	<0.00010	<0.000050	0.14	0.0000144	152
	15/03/16	0.00124	0.0576	<0.00010	<0.000050	0.143	<0.000015	153
	22/03/16	0.00127	0.0637	<0.00010	<0.000050	0.129	<0.000015	156
	29/03/16	0.00139	0.0629	<0.00010	<0.000050	0.145	0.0000067	162

		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-10	05/01/16	0.00096	0.0125	<0.00010	<0.000050	0.029	<0.0000050	41.4
	01/02/16	0.00093	0.0122	<0.00010	<0.000050	0.032	<0.0000050	45.2
	24/02/16	0.00093	0.0113	<0.00010	<0.000050	0.024	<0.0000050	42.5
	02/03/16	0.0009	0.0114	<0.00010	<0.000050	0.028	0.0000184	42.5
HAC-08	05/01/16	0.00144	0.0842	<0.00010	<0.000050	0.123	0.0000307	122
	01/02/16	0.00097	0.0453	<0.00010	<0.000050	0.092	0.0000221	111
	02/03/16	0.00101	0.0417	<0.00010	<0.000050	0.075	0.0000295	95.6
HAC-05a	05/01/16	0.00067	0.046	<0.00010	<0.000050	0.143	0.0000248	132
	01/02/16	0.00076	0.0392	<0.00010	<0.000050	0.086	0.0000184	112
	02/03/16	0.00075	0.0358	<0.00010	<0.000050	0.083	0.0000188	104

Monitoring data report for: Effluent Water Quality Site



Mount Polley
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E11	03/03/16	<0.00050	0.00035	0.0159	0.208	0.000071	0.0172	32
	08/03/16	<0.00050	0.00041	0.0216	0.288	0.000111	0.0181	31.4
	15/03/16	<0.00050	0.00035	0.0157	0.198	0.000071	0.017	30.5
	22/03/16	<0.00050	0.00031	0.0144	0.203	0.000082	0.0169	31.3
	29/03/16	<0.00050	0.00018	0.00795	0.071	<0.000050	0.0173	30.7

		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-10	05/01/16	<0.00050	<0.00010	0.00504	<0.030	<0.000050	<0.0010	5.63
	01/02/16	<0.00050	<0.00010	0.00383	<0.030	<0.000050	<0.0010	6.16
	24/02/16	<0.00050	<0.00010	0.0039	0.033	<0.000050	<0.0010	5.98
	02/03/16	<0.00050	<0.00010	<0.0040	0.035	<0.000050	<0.0010	5.71
HAC-08	05/01/16	0.00072	0.00065	0.0386	0.866	0.000383	0.0078	23
	01/02/16	<0.00050	0.00028	0.0147	0.248	0.000123	0.007	20.6
	02/03/16	0.00051	0.00037	0.0161	0.423	0.000157	0.0055	17.6
HAC-05a	05/01/16	<0.00050	0.00017	0.00572	0.057	<0.000050	0.0087	24
	01/02/16	<0.00050	0.0002	0.00829	0.1	<0.000050	0.0064	20.3
	02/03/16	<0.00050	0.00024	0.00827	0.121	<0.000050	0.0056	18.4

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E11	03/03/16	0.0482	0.165	0.00083	12.5	0.0357	4.4	<0.000010
	08/03/16	0.0534	0.16	0.00072	12.7	0.0346	4.16	<0.000010
	15/03/16	0.0531	0.169	0.00068	12.7	0.0351	4.08	<0.000010
	22/03/16	0.0605	0.163	0.00075	13.2	0.037	4.17	<0.000010
	29/03/16	0.0449	0.177	0.00057	13.5	0.0323	3.85	<0.000010

		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)
HAC-10	05/01/16	0.0084	0.0114	<0.00050	1.46	0.00083	3.14	<0.000010
	01/02/16	0.0139	0.0112	<0.00050	1.46	0.000804	3.34	<0.000010
	24/02/16	0.00913	0.0104	<0.00050	1.44	0.000862	3.46	<0.000010
	02/03/16	0.00818	0.0104	<0.00050	1.41	0.000685	3.33	<0.000010
HAC-08	05/01/16	0.088	0.092	0.00118	6.24	0.0173	5.74	0.000018
	01/02/16	0.0947	0.0742	0.0007	5.79	0.0153	4.51	<0.000010
	02/03/16	0.127	0.0644	0.00097	4.54	0.0125	4.42	<0.000010
HAC-05a	05/01/16	0.13	0.107	0.00062	7.66	0.0203	4.6	<0.000010
	01/02/16	0.0994	0.0706	0.00056	5.96	0.0159	4.15	<0.000010
	02/03/16	0.147	0.0739	0.00056	5.04	0.0139	3.84	<0.000010

Printed Date: 19/04/2016

Monitoring data report for: Effluent Water Quality Site



Mount Polley
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E11	03/03/16	49.8	2.56	<0.000010	<0.00010	0.03	0.00142	0.00165
	08/03/16	52.7	2.4	0.000036	<0.00010	0.034	0.00142	0.00194
	15/03/16	52.8	2.7	<0.000010	<0.00010	0.029	0.00157	0.00149
	22/03/16	54.4	2.85	<0.000010	<0.00010	0.029	0.00143	0.00144
	29/03/16	56.3	3.13	<0.000010	<0.00010	0.019	0.00147	0.00121

		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)
HAC-10	05/01/16	9.42	0.334	<0.000010	<0.00010	<0.010	0.000267	0.00078
	01/02/16	10.4	0.33	<0.000010	<0.00010	<0.010	0.000283	0.00105
	24/02/16	10.4	0.329	<0.000010	<0.00010	<0.010	0.000276	0.00091
	02/03/16	9.43	0.318	<0.000010	<0.00010	<0.010	0.000276	0.00104
HAC-08	05/01/16	35.8	1.88	<0.000010	<0.00010	0.068	0.00109	0.00381
	01/02/16	29.2	1.4	<0.000010	<0.00010	0.024	0.000954	0.00159
	02/03/16	24.2	1.24	<0.000010	<0.00010	0.018	0.000726	0.00186
HAC-05a	05/01/16	38.8	2.14	<0.000010	<0.00010	0.022	0.000779	0.00086
	01/02/16	29.5	1.3	<0.000010	<0.00010	0.016	0.000784	0.0011
	02/03/16	26.6	1.34	<0.000010	<0.00010	<0.010	0.000613	0.00112

Monitoring data report for: Effluent Water Quality Site



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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E11	03/03/16	<0.0030	0.0153	0.00154	0.00106	0.0516	<0.00010	<0.000050
	08/03/16	<0.0030	0.016	0.00153	0.00107	0.0534	<0.00010	<0.000050
	15/03/16	<0.0030	0.0161	0.00151	0.00113	0.0541	<0.00010	<0.000050
	22/03/16	<0.0030	0.0146	0.00148	0.0011	0.0596	<0.00010	<0.000050
	29/03/16	<0.0030	0.0188	0.00156	0.00132	0.0645	<0.00010	<0.000050

		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)
HAC-10	05/01/16	0.0031	<0.0030	0.00013	0.00092	0.0125	<0.00010	<0.000050
	01/02/16	<0.0030	0.0038	0.00012	0.00088	0.0121	<0.00010	<0.000050
	24/02/16	<0.0030	0.0081	0.00011	0.00088	0.0109	<0.00010	<0.000050
	02/03/16	<0.0030	0.0076	0.00011	0.00087	0.0111	<0.00010	<0.000050
HAC-08	05/01/16	0.004	0.0354	0.00082	0.00079	0.0747	<0.00010	<0.000050
	01/02/16	0.0035	0.0711	0.00065	0.00062	0.0418	<0.00010	<0.000050
	02/03/16	0.0035	0.0837	0.00041	0.00067	0.0344	<0.00010	<0.000050
HAC-05a	05/01/16	0.004	0.0999	0.001	0.00056	0.0445	<0.00010	<0.000050
	01/02/16	0.0035	0.0692	0.00067	0.00057	0.0377	<0.00010	<0.000050
	02/03/16	0.0036	0.0847	0.00053	0.00066	0.0365	<0.00010	<0.000050

Monitoring data report for: Effluent Water Quality Site



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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E11	03/03/16	0.144	0.0000087	154	<0.00050	0.00016	0.00246	<0.030
	08/03/16	0.137	0.000007	160	<0.00050	0.00015	0.00309	<0.030
	15/03/16	0.127	<0.000010	157	<0.00050	0.00016	0.00325	<0.030
	22/03/16	0.122	<0.000015	155	<0.00050	0.00014	0.00282	<0.030
	29/03/16	0.137	<0.0000050	161	<0.00050	0.00011	0.0028	<0.030

		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)
HAC-10	05/01/16	0.028	<0.0000050	43.1	<0.00050	<0.00010	0.00452	<0.030
	01/02/16	0.032	<0.0000050	46.8	<0.00050	<0.00010	0.00456	<0.030
	24/02/16	0.024	<0.0000050	43.5	<0.00050	<0.00010	0.00342	<0.030
	02/03/16	0.025	<0.0000050	44.8	<0.00050	<0.00010	0.00344	<0.030
HAC-08	05/01/16	0.123	0.0000242	133	<0.00050	<0.00010	0.0103	<0.030
	01/02/16	0.089	0.0000168	113	<0.00050	0.00014	0.00578	<0.030
	02/03/16	0.056	0.0000175	100	<0.00050	0.00016	0.00699	0.034
HAC-05a	05/01/16	0.135	0.0000096	137	<0.00050	0.00013	0.0041	<0.030
	01/02/16	0.089	0.0000189	113	<0.00050	0.00015	0.00503	<0.030
	02/03/16	0.079	0.0000231	109	<0.00050	0.0002	0.00569	0.035

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
E11	03/03/16	<0.000050	0.017	31.6	0.0407	0.163	0.00073	13.3
	08/03/16	<0.000050	0.018	33.2	0.0409	0.158	0.00052	12.6
	15/03/16	<0.000050	0.0156	30.5	0.0456	0.152	0.00055	12.5
	22/03/16	<0.000050	0.0164	30.2	0.05	0.151	0.00057	12.9
	29/03/16	<0.000050	0.0164	30.5	0.0413	0.167	0.00061	13.7

		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)
HAC-10	05/01/16	<0.000050	<0.0010	5.72	0.00604	0.0102	<0.00050	1.45
	01/02/16	<0.000050	<0.0010	6.14	0.0126	0.00983	<0.00050	1.47
	24/02/16	<0.000050	<0.0010	5.94	0.00767	0.00981	<0.00050	1.41
	02/03/16	<0.000050	<0.0010	5.83	0.00648	0.00931	<0.00050	1.36
HAC-08	05/01/16	<0.000050	0.0073	23.8	0.0592	0.0902	<0.00050	6.01
	01/02/16	<0.000050	0.0069	20.3	0.08	0.0688	<0.00050	5.64
	02/03/16	<0.000050	0.0046	17.9	0.105	0.0525	<0.00050	4.35
HAC-05a	05/01/16	<0.000050	0.0086	24.7	0.122	0.0993	0.00051	7.53
	01/02/16	<0.000050	0.0068	20.1	0.0913	0.0726	<0.00050	5.98
	02/03/16	<0.000050	0.0057	19	0.141	0.073	<0.00050	5.16

Monitoring data report for: Effluent Water Quality Site



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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)
E11	03/03/16	0.0353	3.66	<0.000010	51.7	2.55	<0.000010	<0.00010
	08/03/16	0.0319	3.69	<0.000010	52.4	2.43	<0.000010	<0.00010
	15/03/16	0.0329	3.59	<0.000010	51.7	2.53	<0.000010	<0.00010
	22/03/16	0.0378	3.55	<0.000020	52.5	2.73	<0.000010	<0.00010
	29/03/16	0.031	3.57	<0.000010	56.9	3.03	<0.000010	<0.00010

		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)
HAC-10	05/01/16	0.000861	3.11	<0.000010	9.44	0.336	<0.000010	<0.00010
	01/02/16	0.000755	3.35	<0.000010	10.5	0.323	<0.000010	<0.00010
	24/02/16	0.000749	3.43	<0.000010	9.81	0.319	<0.000010	<0.00010
	02/03/16	0.000766	3.35	<0.000010	9.55	0.295	<0.000010	<0.00010
HAC-08	05/01/16	0.018	4.53	<0.000010	35.5	1.95	<0.000010	<0.00010
	01/02/16	0.015	4.15	<0.000010	28.7	1.38	<0.000010	<0.00010
	02/03/16	0.0128	3.92	<0.000010	23.3	1.04	<0.000010	<0.00010
HAC-05a	05/01/16	0.0201	4.53	<0.000010	37.6	2.12	<0.000010	<0.00010
	01/02/16	0.0157	3.98	<0.000010	29.4	1.39	<0.000010	<0.00010
	02/03/16	0.0151	3.84	<0.000010	27.2	1.37	<0.000010	<0.00010

Monitoring data report for: Effluent Water Quality Site



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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
E11	03/03/16	0.016	0.00141	0.00079	<0.0030
	08/03/16	0.016	0.0014	0.00072	<0.0030
	15/03/16	0.016	0.00143	0.00076	<0.0030
	22/03/16	0.015	0.00138	0.00071	<0.0030
	29/03/16	0.013	0.00138	0.00089	<0.0030

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
HAC-10	05/01/16	<0.010	0.000264	0.00072	0.0031
	01/02/16	<0.010	0.000267	0.00079	<0.0030
	24/02/16	<0.010	0.000257	0.00082	<0.0030
	02/03/16	<0.010	0.000241	0.00072	<0.0030
HAC-08	05/01/16	0.018	0.00105	0.00071	<0.0030
	01/02/16	0.013	0.000865	0.00061	<0.0030
	02/03/16	<0.010	0.000552	0.0006	<0.0030
HAC-05a	05/01/16	0.019	0.000675	0.0006	0.0032
	01/02/16	0.012	0.00075	0.00066	0.0033
	02/03/16	<0.010	0.000581	0.0007	<0.0030

Monitoring data report for: Quesnel Lake



Mount Polley
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
QUL-18-0m	20/01/16	114	54.3	7.86	69	<3.0	0.32	47.8
QUL-18-10	20/01/16	115	54.3	7.82	70	<3.0	0.43	49.1
QUL-2a-0m	20/01/16	112	54.7	7.81	74	<3.0	0.19	48.8
QUL-2a-40	20/01/16	112	54.8	7.83	64	<3.0	0.34	48.4
QUL-2a-60	20/01/16	111	54.9	7.84	69	<3.0	0.37	48.4
QUL-57-B	25/01/16	112	55.2	7.87	68	<3.0	0.5	48.8
	28/03/16	114	53.5	7.84	68	1	0.53	49.3
QUL-57-MI D	25/01/16	113	55.4	7.92	69	<3.0	0.43	49.1
	28/03/16	114	53.8	7.84	70	3.6	0.59	48.9
QUL-57-S	25/01/16	114	55.2	7.86	66	<3.0	0.47	48
	28/03/16	113	53.2	7.83	75	<1.0	0.96	49.5
QUL-58-B	25/01/16	113	55.1	7.84	71	<3.0	0.63	48.6
	23/02/16	115	53.5	7.78	58	1.9	0.64	48.6
	28/03/16	113	53	7.83	74	<1.0	0.73	49.2
QUL-58-MI D	25/01/16	111	55.3	7.84	74	<3.0	0.45	47.9
	23/02/16	115	53.8	7.79	67	<1.0	0.44	48.3
	28/03/16	115	52.8	7.83	62	1	0.58	49.4
QUL-58-S	25/01/16	112	55.4	7.85	65	<3.0	0.44	48.2
	23/02/16	116	54	7.81	73	9.2	0.48	49.6
	28/03/16	113	53.4	7.83	63	<1.0	0.49	49.4
QUL-59-B	25/01/16	116	56.5	7.86	85	<3.0	0.46	48.1
	28/03/16	114	53.3	7.86	76	<1.0	0.56	49

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Monitoring data report for: Quesnel Lake



Mount Polley
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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-18-0m	20/01/16	<0.0050	<0.50	0.034	0.117	0.117	<0.0010	<0.0010
QUL-18-10	20/01/16	<0.0050	<0.50	0.035	0.12	0.12	<0.0010	<0.0010
QUL-2a-0m	20/01/16	<0.0050	<0.50	0.034	0.124	0.124	<0.0010	<0.0010
QUL-2a-40	20/01/16	<0.0050	<0.50	0.035	0.121	0.121	<0.0010	<0.0010
QUL-2a-60	20/01/16	<0.0050	<0.50	0.034	0.121	0.121	<0.0010	<0.0010
QUL-57-B	25/01/16	<0.0050	<0.50	0.033	0.12	0.12	<0.0010	<0.0010
	28/03/16	<0.0050	<0.50	0.036	0.129	0.129	<0.0010	<0.0010
QUL-57-MI D	25/01/16	<0.0050	<0.50	0.033	0.119	0.119	<0.0010	<0.0010
	28/03/16	<0.0050	<0.50	0.036	0.131	0.131	<0.0010	<0.0010
QUL-57-S	25/01/16	<0.0050	<0.50	0.033	0.119	0.119	<0.0010	<0.0010
	28/03/16	<0.0050	<0.50	0.033	0.13	0.13	<0.0010	<0.0010
QUL-58-B	25/01/16	<0.0050	<0.50	0.033	0.124	0.124	<0.0010	<0.0010
	23/02/16	<0.0050	<0.50	0.035	0.123	0.123	<0.0010	<0.0010
	28/03/16	<0.0050	<0.50	0.033	0.13	0.13	<0.0010	<0.0010
QUL-58-MI D	25/01/16	<0.0050	<0.50	0.033	0.121	0.121	<0.0010	<0.0010
	23/02/16	<0.0050	<0.50	0.035	0.123	0.123	<0.0010	<0.0010
	28/03/16	<0.0050	<0.50	0.036	0.13	0.13	<0.0010	<0.0010
QUL-58-S	25/01/16	<0.0050	<0.50	0.033	0.119	0.119	<0.0010	<0.0010
	23/02/16	<0.0050	<0.50	0.033	0.123	0.123	<0.0010	<0.0010
	28/03/16	<0.0050	<0.50	0.036	0.13	0.13	<0.0010	<0.0010
QUL-59-B	25/01/16	<0.0050	<0.50	0.034	0.137	0.137	<0.0010	<0.0010
	28/03/16	<0.0050	<0.50	0.036	0.131	0.131	<0.0010	<0.0010

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Monitoring data report for: Quesnel Lake



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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-18-0m	20/01/16	<0.0020	0.0046	6.78	0.159	1.7	0.0205	<0.00010
QUL-18-10	20/01/16	<0.0020	0.0033	7.01	0.152	1.53	0.0293	<0.00010
QUL-2a-0m	20/01/16	<0.0020	0.0051	6.53	0.174	1.64	0.0106	<0.00010
QUL-2a-40	20/01/16	<0.0020	0.0046	6.79	0.166	1.77	0.0232	<0.00010
QUL-2a-60	20/01/16	0.0022	0.0082	6.86	0.165	1.68	0.0263	<0.00010
QUL-57-B	25/01/16	<0.0020	0.0031	6.83	0.17	1.77	0.0232	<0.00010
	28/03/16	<0.0020	0.0085	7.27	0.17	1.47	0.044	<0.00010
QUL-57-MI D	25/01/16	<0.0020	0.0033	6.82	0.164	1.65	0.0236	<0.00010
	28/03/16	<0.0020	0.005	7.34	0.177	1.5	0.0376	<0.00010
QUL-57-S	25/01/16	<0.0020	0.0043	6.78	0.172	1.59	0.0276	<0.00010
	28/03/16	<0.0020	0.0037	7.2	0.182	1.46	0.0358	<0.00010
QUL-58-B	25/01/16	<0.0020	0.0082	7.15	0.172	1.61	0.033	<0.00010
	23/02/16	0.0024	0.0041	7	0.162	1.6	0.0348	<0.00010
	28/03/16	<0.0020	0.0067	7.25	0.183	1.48	0.0457	<0.00010
QUL-58-MI D	25/01/16	<0.0020	0.0026	6.88	0.173	1.71	0.0269	<0.00010
	23/02/16	<0.0020	0.0024	6.98	0.165	1.46	0.034	<0.00010
	28/03/16	<0.0020	0.0042	7.26	0.176	1.51	0.0388	<0.00010
QUL-58-S	25/01/16	<0.0020	0.0028	6.79	0.167	1.67	0.024	<0.00010
	23/02/16	<0.0020	0.0031	6.98	0.167	1.5	0.0268	<0.00010
	28/03/16	<0.0020	0.0021	7.22	0.179	1.53	0.042	<0.00010
QUL-59-B	25/01/16	<0.0020	0.0035	8.02	0.186	1.67	0.0278	<0.00010
	28/03/16	<0.0020	0.003	7.33	0.174	1.64	0.0411	<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-18-0m	20/01/16	<0.00010	0.00552	<0.00010	<0.000050	<0.010	<0.0000050	17.9
QUL-18-10	20/01/16	0.00012	0.00597	<0.00010	<0.000050	<0.010	<0.0000050	18.2
QUL-2a-0m	20/01/16	<0.00010	0.00505	<0.00010	<0.000050	<0.010	<0.0000050	18.1
QUL-2a-40	20/01/16	0.0001	0.00544	<0.00010	<0.000050	<0.010	<0.0000050	18.4
QUL-2a-60	20/01/16	0.0001	0.00573	<0.00010	<0.000050	<0.010	<0.0000050	18.1
QUL-57-B	25/01/16	<0.00010	0.00525	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	28/03/16	0.00012	0.00605	<0.00010	<0.000050	<0.010	<0.0000050	17.9
QUL-57-MI D	25/01/16	0.00011	0.00523	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	28/03/16	0.0001	0.00577	<0.00010	<0.000050	<0.010	<0.0000050	17.9
QUL-57-S	25/01/16	0.00012	0.00543	<0.00010	<0.000050	<0.010	<0.0000050	18.6
	28/03/16	<0.00010	0.00574	<0.00010	<0.000050	<0.010	<0.0000050	17.6
QUL-58-B	25/01/16	0.00011	0.0057	<0.00010	<0.000050	<0.010	<0.0000050	18.7
	23/02/16	0.0001	0.00531	<0.00010	<0.000050	<0.010	<0.0000050	17.7
	28/03/16	0.0001	0.0059	<0.00010	<0.000050	<0.010	<0.0000050	17.8
QUL-58-MI D	25/01/16	0.00012	0.00544	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	23/02/16	0.00012	0.00531	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	28/03/16	0.00012	0.00571	<0.00010	<0.000050	<0.010	<0.0000050	18
QUL-58-S	25/01/16	0.00013	0.00542	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	23/02/16	0.00011	0.00511	<0.00010	<0.000050	<0.010	<0.0000050	17.9
	28/03/16	0.00011	0.00565	<0.00010	<0.000050	<0.010	<0.0000050	17.7
QUL-59-B	25/01/16	0.00011	0.00551	<0.00010	<0.000050	<0.010	<0.0000050	18.6
	28/03/16	0.00012	0.00617	<0.00010	<0.000050	<0.010	<0.0000050	18.3

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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-18-0m	20/01/16	<0.00050	<0.00010	0.00101	<0.030	<0.000050	<0.0010	2.06
QUL-18-10	20/01/16	<0.00050	<0.00010	0.00135	<0.030	<0.000050	<0.0010	2.12
QUL-2a-0m	20/01/16	<0.00050	<0.00010	0.00064	<0.030	<0.000050	<0.0010	2.08
QUL-2a-40	20/01/16	<0.00050	<0.00010	0.00097	<0.030	0.000072	<0.0010	2.13
QUL-2a-60	20/01/16	<0.00050	<0.00010	0.00104	<0.030	0.000054	<0.0010	2.1
QUL-57-B	25/01/16	<0.00050	<0.00010	0.00117	<0.030	0.000239	<0.0010	2.02
	28/03/16	<0.00050	<0.00010	0.00162	<0.030	0.000218	<0.0010	2.1
QUL-57-MI D	25/01/16	<0.00050	<0.00010	0.00114	<0.030	0.000323	<0.0010	2.01
	28/03/16	<0.00050	<0.00010	0.00178	<0.030	0.000253	<0.0010	2.1
QUL-57-S	25/01/16	<0.00050	<0.00010	0.00126	<0.030	<0.000050	<0.0010	2.04
	28/03/16	<0.00050	<0.00010	0.00138	<0.030	<0.000050	<0.0010	2.08
QUL-58-B	25/01/16	<0.00050	<0.00010	0.00151	<0.030	0.000192	<0.0010	2.08
	23/02/16	<0.00050	<0.00010	0.00144	<0.030	0.000626	<0.0010	2.05
	28/03/16	<0.00050	<0.00010	0.00187	<0.030	0.000108	<0.0010	2.11
QUL-58-MI D	25/01/16	<0.00050	<0.00010	0.00136	<0.030	0.000294	<0.0010	2.04
	23/02/16	<0.00050	<0.00010	0.00133	<0.030	0.00111	<0.0010	2.06
	28/03/16	<0.00050	<0.00010	0.00192	<0.030	0.00012	<0.0010	2.12
QUL-58-S	25/01/16	<0.00050	<0.00010	0.00118	<0.030	<0.000050	<0.0010	2.13
	23/02/16	<0.00050	<0.00010	0.00125	<0.030	<0.000050	<0.0010	2.06
	28/03/16	<0.00050	<0.00010	0.00138	<0.030	<0.000050	<0.0010	2.09
QUL-59-B	25/01/16	<0.00050	<0.00010	0.00124	<0.030	0.000615	<0.0010	2.09
	28/03/16	<0.00050	<0.00010	0.00177	<0.030	0.000062	<0.0010	2.16

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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)
QUL-18-0m	20/01/16	0.00091	0.000427	<0.00050	0.485	0.000092	1.62	<0.000010
QUL-18-10	20/01/16	0.00125	0.000609	<0.00050	0.536	0.000158	1.68	<0.000010
QUL-2a-0m	20/01/16	0.0009	0.000352	<0.00050	0.486	0.000091	1.65	<0.000010
QUL-2a-40	20/01/16	0.00106	0.000435	<0.00050	0.499	0.000096	1.68	<0.000010
QUL-2a-60	20/01/16	0.0012	0.000471	<0.00050	0.489	0.000116	1.65	<0.000010
QUL-57-B	25/01/16	0.00109	0.00055	<0.00050	0.484	0.000135	1.7	<0.000010
	28/03/16	0.00179	0.000595	<0.00050	0.533	0.000122	1.76	<0.000010
QUL-57-MI D	25/01/16	0.00104	0.000453	<0.00050	0.486	0.000109	1.68	<0.000010
	28/03/16	0.00185	0.000598	<0.00050	0.515	0.000117	1.74	<0.000010
QUL-57-S	25/01/16	0.00264	0.000483	<0.00050	0.495	0.000102	1.69	<0.000010
	28/03/16	0.00161	0.000617	<0.00050	0.51	0.000138	1.73	<0.000010
QUL-58-B	25/01/16	0.00156	0.000591	<0.00050	0.509	0.000108	1.73	<0.000010
	23/02/16	0.00142	0.000498	<0.00050	0.478	0.000115	1.69	<0.000010
	28/03/16	0.00189	0.00061	<0.00050	0.539	0.000128	1.75	<0.000010
QUL-58-MI D	25/01/16	0.00124	0.000492	<0.00050	0.483	0.000118	1.72	<0.000010
	23/02/16	0.00138	0.000542	<0.00050	0.513	0.000133	1.7	<0.000010
	28/03/16	0.00169	0.000633	<0.00050	0.526	0.000104	1.75	<0.000010
QUL-58-S	25/01/16	0.00117	0.000459	<0.00050	0.494	0.000096	1.66	<0.000010
	23/02/16	0.00123	0.000547	<0.00050	0.495	0.000106	1.68	<0.000010
	28/03/16	0.0016	0.000687	<0.00050	0.504	0.000102	1.72	<0.000010
QUL-59-B	25/01/16	0.00148	0.000791	<0.00050	0.506	0.00019	1.71	<0.000010
	28/03/16	0.00196	0.000632	<0.00050	0.528	0.000108	1.78	<0.000010

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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)
QUL-18-0m	20/01/16	0.934	0.136	<0.000010	<0.00010	<0.010	0.000166	<0.00050
QUL-18-10	20/01/16	0.995	0.139	<0.000010	<0.00010	<0.010	0.000165	<0.00050
QUL-2a-0m	20/01/16	0.921	0.136	<0.000010	<0.00010	<0.010	0.000162	<0.00050
QUL-2a-40	20/01/16	0.946	0.14	<0.000010	<0.00010	<0.010	0.000166	<0.00050
QUL-2a-60	20/01/16	0.956	0.138	<0.000010	<0.00010	<0.010	0.000167	<0.00050
QUL-57-B	25/01/16	0.96	0.138	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	28/03/16	1.03	0.14	<0.000010	<0.00010	<0.010	0.000172	<0.00050
QUL-57-MI D	25/01/16	0.971	0.139	<0.000010	<0.00010	<0.010	0.000161	<0.00050
	28/03/16	1.01	0.141	<0.000010	<0.00010	<0.010	0.000172	<0.00050
QUL-57-S	25/01/16	1	0.14	<0.000010	<0.00010	<0.010	0.000166	<0.00050
	28/03/16	0.995	0.144	<0.000010	<0.00010	<0.010	0.000176	<0.00050
QUL-58-B	25/01/16	1.06	0.14	<0.000010	<0.00010	<0.010	0.000166	<0.00050
	23/02/16	0.993	0.139	<0.000010	<0.00010	<0.010	0.000171	<0.00050
	28/03/16	1.05	0.141	<0.000010	<0.00010	<0.010	0.000174	<0.00050
QUL-58-MI D	25/01/16	0.995	0.137	<0.000010	<0.00010	<0.010	0.000164	<0.00050
	23/02/16	1.08	0.144	<0.000010	<0.00010	<0.010	0.000176	<0.00050
	28/03/16	1.02	0.143	<0.000010	<0.00010	<0.010	0.000179	<0.00050
QUL-58-S	25/01/16	1.01	0.139	<0.000010	<0.00010	<0.010	0.00016	<0.00050
	23/02/16	1.09	0.14	<0.000010	<0.00010	<0.010	0.000174	<0.00050
	28/03/16	0.969	0.139	<0.000010	<0.00010	<0.010	0.00017	<0.00050
QUL-59-B	25/01/16	1.1	0.144	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	28/03/16	1.06	0.144	<0.000010	<0.00010	<0.010	0.000177	<0.00050

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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)
QUL-18-0m	20/01/16	<0.0030	0.005	<0.00010	<0.00010	0.00513	<0.00010	<0.000050
QUL-18-10	20/01/16	<0.0030	0.0059	<0.00010	0.0001	0.0054	<0.00010	<0.000050
QUL-2a-0m	20/01/16	<0.0030	0.0058	<0.00010	<0.00010	0.00499	<0.00010	<0.000050
QUL-2a-40	20/01/16	<0.0030	0.0042	<0.00010	0.0001	0.0051	<0.00010	<0.000050
QUL-2a-60	20/01/16	<0.0030	0.0053	<0.00010	<0.00010	0.00513	<0.00010	<0.000050
QUL-57-B	25/01/16	<0.0030	0.0054	<0.00010	<0.00010	0.00489	<0.00010	<0.000050
	28/03/16	<0.0030	0.0059	<0.00010	<0.00010	0.00541	<0.00010	<0.000050
QUL-57-MI D	25/01/16	<0.0030	0.0053	<0.00010	<0.00010	0.00492	<0.00010	<0.000050
	28/03/16	<0.0030	0.0069	<0.00010	<0.00010	0.00585	<0.00010	<0.000050
QUL-57-S	25/01/16	<0.0030	0.0068	<0.00010	<0.00010	0.00501	<0.00010	<0.000050
	28/03/16	<0.0030	0.0065	<0.00010	<0.00010	0.00546	<0.00010	<0.000050
QUL-58-B	25/01/16	<0.0030	0.0049	<0.00010	0.00011	0.00499	<0.00010	<0.000050
	23/02/16	<0.0030	0.0054	<0.00010	0.0001	0.00496	<0.00010	<0.000050
	28/03/16	<0.0030	0.0066	<0.00010	<0.00010	0.0053	<0.00010	<0.000050
QUL-58-MI D	25/01/16	<0.0030	0.0052	<0.00010	0.0001	0.00498	<0.00010	<0.000050
	23/02/16	<0.0030	0.0056	<0.00010	0.00011	0.00499	<0.00010	<0.000050
	28/03/16	<0.0030	0.0066	<0.00010	0.0001	0.00549	<0.00010	<0.000050
QUL-58-S	25/01/16	<0.0030	0.005	<0.00010	<0.00010	0.00506	<0.00010	<0.000050
	23/02/16	<0.0030	0.005	<0.00010	<0.00010	0.00493	<0.00010	<0.000050
	28/03/16	<0.0030	0.0083	<0.00010	<0.00010	0.00495	<0.00010	<0.000050
QUL-59-B	25/01/16	<0.0030	0.006	<0.00010	<0.00010	0.00502	<0.00010	<0.000050
	28/03/16	<0.0030	0.0055	<0.00010	<0.00010	0.0053	<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)
QUL-18-0m	20/01/16	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00068	<0.030
QUL-18-10	20/01/16	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00089	<0.030
QUL-2a-0m	20/01/16	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00051	<0.030
QUL-2a-40	20/01/16	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00072	<0.030
QUL-2a-60	20/01/16	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.0007	<0.030
QUL-57-B	25/01/16	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.0007	<0.030
	28/03/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00103	<0.030
QUL-57-MI D	25/01/16	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00076	<0.030
	28/03/16	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00107	<0.030
QUL-57-S	25/01/16	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00076	<0.030
	28/03/16	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00085	<0.030
QUL-58-B	25/01/16	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00087	<0.030
	23/02/16	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00093	<0.030
	28/03/16	<0.010	<0.0000050	17.8	<0.00050	<0.00010	0.00097	<0.030
QUL-58-MI D	25/01/16	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00088	<0.030
	23/02/16	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00086	<0.030
	28/03/16	<0.010	<0.0000050	17.8	<0.00050	<0.00010	0.00099	<0.030
QUL-58-S	25/01/16	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00077	<0.030
	23/02/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00076	<0.030
	28/03/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.0008	<0.030
QUL-59-B	25/01/16	<0.010	<0.0000050	19.1	<0.00050	<0.00010	0.00077	<0.030
	28/03/16	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00102	<0.030

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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-Mercury (Hg) (mg/L)	Diss-Molybdenum (Mo) (mg/L)	Diss-Nickel (Ni) (mg/L)
QUL-18-0m	20/01/16	<0.000050	<0.0010	2.02	0.00017		0.000429	<0.00050
QUL-18-10	20/01/16	<0.000050	<0.0010	2.05	0.00027		0.000549	<0.00050
QUL-2a-0m	20/01/16	<0.000050	<0.0010	2.04	0.00025		0.00033	<0.00050
QUL-2a-40	20/01/16	0.000085	<0.0010	2.03	0.00025		0.000391	<0.00050
QUL-2a-60	20/01/16	0.000062	<0.0010	2.04	0.00023		0.00042	<0.00050
QUL-57-B	25/01/16	0.000206	<0.0010	2.04	0.00026		0.000427	<0.00050
	28/03/16	0.000143	<0.0010	2.06	0.00072		0.000626	<0.00050
QUL-57-MI D	25/01/16	0.000304	<0.0010	2.05	0.00025		0.000426	<0.00050
	28/03/16	0.000135	<0.0010	2.08	0.00075		0.000595	<0.00050
QUL-57-S	25/01/16	<0.000050	<0.0010	2.04	0.00038		0.000417	<0.00050
	28/03/16	<0.000050	<0.0010	2.07	0.00067		0.000533	0.00065
QUL-58-B	25/01/16	0.000365	<0.0010	2.06	0.00038	<0.0000050	0.000535	<0.00050
	23/02/16	0.000451	<0.0010	2.02	0.00031		0.000468	<0.00050
	28/03/16	0.000194	<0.0010	2.06	0.00075		0.000553	<0.00050
QUL-58-MI D	25/01/16	0.000642	<0.0010	2.06	0.00025	<0.0000050	0.000426	<0.00050
	23/02/16	0.000871	<0.0010	2.04	0.00031		0.000474	<0.00050
	28/03/16	0.000153	<0.0010	2.05	0.00069		0.000551	<0.00050
QUL-58-S	25/01/16	0.000082	<0.0010	2.06	0.00028	<0.0000050	0.000416	0.0007
	23/02/16	<0.000050	<0.0010	2.03	0.00033		0.00047	<0.00050
	28/03/16	<0.000050	<0.0010	2.08	0.0007		0.000552	<0.00050
QUL-59-B	25/01/16	0.000203	<0.0010	2.12	0.00052		0.000722	<0.00050
	28/03/16	0.000087	<0.0010	2.08	0.00074		0.000541	<0.00050

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		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)	Diss-Thallium (Tl) (mg/L)
QUL-18-0m	20/01/16	0.491	0.000113	1.61	<0.000010	0.933	0.138	<0.000010
QUL-18-10	20/01/16	0.535	0.000097	1.62	<0.000010	0.985	0.15	<0.000010
QUL-2a-0m	20/01/16	0.485	0.000097	1.63	<0.000010	0.921	0.134	<0.000010
QUL-2a-40	20/01/16	0.493	0.000089	1.61	<0.000010	0.936	0.135	<0.000010
QUL-2a-60	20/01/16	0.487	0.000112	1.61	<0.000010	0.942	0.135	<0.000010
QUL-57-B	25/01/16	0.471	0.000104	1.67	<0.000010	0.946	0.134	<0.000010
	28/03/16	0.538	0.000108	1.65	<0.000010	1.06	0.138	<0.000010
QUL-57-MI D	25/01/16	0.475	0.000119	1.66	<0.000010	0.966	0.136	<0.000010
	28/03/16	0.575	0.000146	1.67	<0.000010	1.14	0.14	<0.000010
QUL-57-S	25/01/16	0.468	0.000109	1.66	<0.000010	0.959	0.135	<0.000010
	28/03/16	0.538	0.000101	1.66	<0.000010	1.04	0.138	<0.000010
QUL-58-B	25/01/16	0.487	0.000113	1.65	<0.000010	1.02	0.137	<0.000010
	23/02/16	0.492	0.000116	1.65	<0.000010	1	0.135	<0.000010
	28/03/16	0.541	0.000141	1.66	<0.000010	1.05	0.138	<0.000010
QUL-58-MI D	25/01/16	0.486	0.000119	1.65	<0.000010	0.996	0.136	<0.000010
	23/02/16	0.483	0.000093	1.64	<0.000010	0.992	0.136	<0.000010
	28/03/16	0.544	0.000132	1.66	<0.000010	1.05	0.138	<0.000010
QUL-58-S	25/01/16	0.487	0.000115	1.66	<0.000010	0.997	0.134	<0.000010
	23/02/16	0.472	0.0001	1.64	<0.000010	1	0.136	<0.000010
	28/03/16	0.492	0.000106	1.68	<0.000010	0.963	0.139	<0.000010
QUL-59-B	25/01/16	0.486	0.000171	1.67	<0.000010	1.06	0.141	<0.000010
	28/03/16	0.512	0.000133	1.67	<0.000010	1.02	0.139	<0.000010

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		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)	Mercury (Hg)-Total (mg/L)
QUL-18-0m	20/01/16	<0.00010	<0.010	0.000163	<0.00050	<0.0030	
QUL-18-10	20/01/16	<0.00010	<0.010	0.000186	<0.00050	<0.0030	
QUL-2a-0m	20/01/16	<0.00010	<0.010	0.000153	<0.00050	<0.0030	
QUL-2a-40	20/01/16	<0.00010	<0.010	0.000157	<0.00050	<0.0030	
QUL-2a-60	20/01/16	<0.00010	<0.010	0.000156	<0.00050	<0.0030	
QUL-57-B	25/01/16	<0.00010	<0.010	0.000153	<0.00050	<0.0030	
	28/03/16	<0.00010	<0.010	0.000159	<0.00050	<0.0030	
QUL-57-MI D	25/01/16	<0.00010	<0.010	0.000153	<0.00050	<0.0030	
	28/03/16	<0.00010	<0.010	0.000161	<0.00050	<0.0030	
QUL-57-S	25/01/16	<0.00010	<0.010	0.000153	<0.00050	<0.0030	
	28/03/16	<0.00010	<0.010	0.000159	<0.00050	<0.0030	
QUL-58-B	25/01/16	<0.00010	<0.010	0.000157	<0.00050	<0.0030	<0.0000050
	23/02/16	<0.00010	<0.010	0.000163	<0.00050	<0.0030	
	28/03/16	<0.00010	<0.010	0.000161	<0.00050	<0.0030	
QUL-58-MI D	25/01/16	<0.00010	<0.010	0.00015	<0.00050	<0.0030	<0.0000050
	23/02/16	<0.00010	<0.010	0.000162	<0.00050	<0.0030	
	28/03/16	<0.00010	<0.010	0.000161	<0.00050	<0.0030	
QUL-58-S	25/01/16	<0.00010	<0.010	0.000153	<0.00050	<0.0030	<0.0000050
	23/02/16	<0.00010	<0.010	0.000163	<0.00050	<0.0030	
	28/03/16	<0.00010	<0.010	0.00016	<0.00050	<0.0030	
QUL-59-B	25/01/16	<0.00010	<0.010	0.000155	<0.00050	<0.0030	
	28/03/16	<0.00010	<0.010	0.000159	<0.00050	<0.0030	

Printed Date: 19/04/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	25/01/16	113	55.3	7.86	68	<3.0	0.4	48.7
	28/03/16	114	53.8	7.86	69	<1.0	0.53	49.6
QUL-59-S	25/01/16	112	55.3	7.85	65	<3.0	0.38	48
	28/03/16	116	53.8	7.84	69	<1.0	0.49	49.1

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
QUR-1	14/01/16	113	55.5	7.86	67	<3.0	0.47	47.8
	28/01/16	114	55.6	7.85	76	<3.0	0.39	49.3
	10/02/16	115	54.1	7.86	82	<3.0	0.3	49.3
	25/02/16	116	55	7.92	73	<1.0	0.7	49.8
	10/03/16	116	56.6	7.87	60	<1.0	0.51	50.6
	23/03/16	116	55.4	7.91	75	<1.0	0.39	51.3

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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-MID	25/01/16	<0.0050	<0.50	0.033	0.12	0.12	<0.0010	<0.0010
	28/03/16	<0.0050	<0.50	0.036	0.131	0.131	<0.0010	<0.0010
QUL-59-S	25/01/16	<0.0050	<0.50	0.033	0.119	0.119	<0.0010	<0.0010
	28/03/16	<0.0050	<0.50	0.033	0.135	0.135	<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	14/01/16	<0.0050	<0.50	0.033	0.115	0.115	<0.0010	<0.0010
	28/01/16	<0.0050	<0.50	0.032	0.117	0.117	<0.0010	<0.0010
	10/02/16	<0.0050	<0.50	0.035	0.117	0.117	<0.0010	<0.0010
	25/02/16	<0.0050	<0.50	0.035	0.12	0.12	<0.0010	<0.0010
	10/03/16	<0.0050	<0.50	0.035	0.12	0.12	<0.0010	<0.0010
	23/03/16	<0.0050	<0.50	0.035	0.121	0.121	<0.0010	<0.0010

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	25/01/16	<0.0020	0.0034	6.84	0.173	1.71	0.0261	<0.00010
	28/03/16	<0.0020	0.0044	7.3	0.175	1.62	0.0607	<0.00010
QUL-59-S	25/01/16	<0.0020	0.0035	6.82	0.173	1.64	0.0299	<0.00010
	28/03/16	<0.0020	0.0028	7.6	0.185	1.61	0.0389	<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	14/01/16	<0.0020	0.0046	6.77	0.162	1.64	0.0279	<0.00010
	28/01/16	<0.0020	0.0021	6.7	0.163	1.78	0.0165	<0.00010
	10/02/16	<0.0020	0.0037	6.91	0.169	1.45	0.019	<0.00010
	25/02/16	0.0021	0.003	6.93	0.16	1.75	0.0298	<0.00010
	10/03/16	<0.0020	0.0028	7.07	0.161	1.52	0.0273	<0.00010
	23/03/16	<0.0020	0.0025	7.23	0.178	1.73	0.028	<0.00010

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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-MID	25/01/16	0.00012	0.0054	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	28/03/16	<0.00010	0.00594	<0.00010	<0.000050	<0.010	<0.0000050	18.1
QUL-59-S	25/01/16	0.00012	0.00551	<0.00010	<0.000050	<0.010	0.0000079	18.5
	28/03/16	0.00011	0.00568	<0.00010	<0.000050	<0.010	<0.0000050	17.9

		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	14/01/16	0.00022	0.00546	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	28/01/16	0.00013	0.00532	<0.00010	<0.000050	<0.010	<0.0000050	18.6
	10/02/16	0.00013	0.00537	<0.00010	<0.000050	<0.010	<0.0000050	18
	25/02/16	0.00015	0.00574	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	10/03/16	0.00016	0.00561	<0.00010	<0.000050	<0.010	<0.0000050	18.7
	23/03/16	0.00017	0.00571	<0.00010	<0.000050	<0.010	<0.0000050	18.8

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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	25/01/16	<0.00050	<0.00010	0.00116	<0.030	0.00141	<0.0010	2
	28/03/16	<0.00050	<0.00010	0.00159	<0.030	0.000064	<0.0010	2.12
QUL-59-S	25/01/16	<0.00050	<0.00010	0.00135	<0.030	<0.000050	<0.0010	2.06
	28/03/16	<0.00050	<0.00010	0.00157	<0.030	<0.000050	<0.0010	2.12

		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	14/01/16	<0.00050	<0.00010	0.00111	<0.030	<0.000050	<0.0010	2.12
	28/01/16	<0.00050	<0.00010	0.00096	<0.030	<0.000050	<0.0010	2.16
	10/02/16	<0.00050	<0.00010	0.0011	<0.030	<0.000050	0.001	2.08
	25/02/16	<0.00050	<0.00010	0.00117	<0.030	<0.000050	<0.0010	2.12
	10/03/16	<0.00050	<0.00010	0.00128	<0.030	<0.000050	<0.0010	2.19
	23/03/16	<0.00050	<0.00010	0.00125	<0.030	<0.000050	<0.0010	2.22

Monitoring data report for: Quesnel Lake



Mount Polley
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
QUL-59-MID	25/01/16	0.00112	0.000477	<0.00050	0.488	0.000121	1.7	<0.000010
	28/03/16	0.002	0.000611	<0.00050	0.532	0.000127	1.75	<0.000010
QUL-59-S	25/01/16	0.00143	0.000491	<0.00050	0.492	0.00012	1.73	<0.000010
	28/03/16	0.0021	0.00068	<0.00050	0.533	0.000149	1.74	<0.000010

		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	14/01/16	0.00103	0.000399	<0.00050	0.485	0.000089	1.68	<0.000010
	28/01/16	0.00106	0.000461	<0.00050	0.479	0.000091	1.65	<0.000010
	10/02/16	0.00176	0.00046	<0.00050	0.486	0.000127	1.66	<0.000010
	25/02/16	0.00143	0.000487	<0.00050	0.533	0.000116	1.7	<0.000010
	10/03/16	0.00169	0.000504	<0.00050	0.496	0.000124	1.76	<0.000010
	23/03/16	0.00162	0.000535	<0.00050	0.512	0.000119	1.75	<0.000010

Monitoring data report for: Quesnel Lake



Mount Polley
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
QUL-59-MI D	25/01/16	0.989	0.136	<0.000010	<0.00010	<0.010	0.00016	<0.00050
	28/03/16	1.05	0.143	<0.000010	<0.00010	<0.010	0.000172	<0.00050
QUL-59-S	25/01/16	0.998	0.139	<0.000010	<0.00010	<0.010	0.000162	<0.00050
	28/03/16	1.06	0.144	<0.000010	<0.00010	<0.010	0.000177	<0.00050

		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	14/01/16	0.989	0.129	<0.000010	<0.00010	<0.010	0.000153	<0.00050
	28/01/16	0.973	0.136	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	10/02/16	1	0.138	<0.000010	<0.00010	<0.010	0.000169	<0.00050
	25/02/16	1.05	0.142	<0.000010	<0.00010	<0.010	0.000178	<0.00050
	10/03/16	1.06	0.138	<0.000010	<0.00010	<0.010	0.000166	<0.00050
	23/03/16	1.08	0.141	<0.000010	<0.00010	<0.010	0.000162	<0.00050

Monitoring data report for: Quesnel Lake



Mount Polley
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
QUL-59-MID	25/01/16	<0.0030	0.0048	<0.00010	<0.00010	0.00486	<0.00010	<0.000050
	28/03/16	<0.0030	0.0061	<0.00010	<0.00010	0.0054	<0.00010	<0.000050
QUL-59-S	25/01/16	<0.0030	0.0058	<0.00010	<0.00010	0.00503	<0.00010	<0.000050
	28/03/16	<0.0030	0.0069	<0.00010	<0.00010	0.00534	<0.00010	<0.000050

		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	14/01/16	<0.0030	0.0053	<0.00010	0.00012	0.00526	<0.00010	<0.000050
	28/01/16	<0.0030	0.0043	<0.00010	<0.00010	0.00507	<0.00010	<0.000050
	10/02/16	<0.0030	0.0051	<0.00010	0.00011	0.00492	<0.00010	<0.000050
	25/02/16	<0.0030	0.0055	<0.00010	0.00013	0.00529	<0.00010	<0.000050
	10/03/16	<0.0030	0.0063	<0.00010	0.00013	0.00514	<0.00010	<0.000050
	23/03/16	<0.0030	0.0059	<0.00010	0.00011	0.00548	<0.00010	<0.000050

Monitoring data report for: Quesnel Lake



Mount Polley
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)
QUL-59-MID	25/01/16	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00073	<0.030
	28/03/16	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00097	<0.030
QUL-59-S	25/01/16	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00072	<0.030
	28/03/16	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00085	<0.030

		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	14/01/16	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00077	<0.030
	28/01/16	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.0007	<0.030
	10/02/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00071	<0.030
	25/02/16	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00081	<0.030
	10/03/16	<0.010	<0.0000050	19	<0.00050	<0.00010	0.0008	<0.030
	23/03/16	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00092	<0.030

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)	Diss-Nickel (Ni) (mg/L)
QUL-59-MID	25/01/16	0.000244	<0.0010	2.05	0.00021		0.000432	<0.00050
	28/03/16	0.000092	<0.0010	2.09	0.00085		0.00056	<0.00050
QUL-59-S	25/01/16	<0.000050	<0.0010	2.07	0.00045		0.000425	<0.00050
	28/03/16	<0.000050	<0.0010	2.09	0.00096		0.000612	<0.00050

		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	14/01/16	<0.000050	<0.0010	2.09	0.0005	0.00043	<0.00050	0.494
	28/01/16	<0.000050	<0.0010	2.08	0.00051	0.000391	<0.00050	0.474
	10/02/16	<0.000050	<0.0010	2.04	0.00045	0.000412	<0.00050	0.462
	25/02/16	<0.000050	<0.0010	2.1	0.00065	0.000466	<0.00050	0.526
	10/03/16	<0.000050	<0.0010	2.2	0.00094	0.000469	<0.00050	0.498
	23/03/16	<0.000050	<0.0010	2.16	0.00085	0.000512	<0.00050	0.525

Monitoring data report for: Quesnel Lake



Mount Polley
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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)	Diss-Thallium (Tl) (mg/L)
QUL-59-MI D	25/01/16	0.483	0.000094	1.67	<0.000010	0.971	0.135	<0.000010
	28/03/16	0.536	0.000118	1.68	<0.000010	1.06	0.139	<0.000010
QUL-59-S	25/01/16	0.472	0.000107	1.66	<0.000010	0.965	0.134	<0.000010
	28/03/16	0.526	0.000127	1.68	<0.000010	1.06	0.141	<0.000010

		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	14/01/16	0.000125	1.63	<0.000010	1.01	0.134	<0.000010	<0.00010
	28/01/16	0.000112	1.61	<0.000010	0.963	0.132	<0.000010	<0.00010
	10/02/16	0.000124	1.61	<0.000010	0.956	0.13	<0.000010	<0.00010
	25/02/16	0.000149	1.65	<0.000010	1.05	0.142	<0.000010	<0.00010
	10/03/16	0.000142	1.71	<0.000010	1.05	0.137	<0.000010	<0.00010
	23/03/16	0.000155	1.69	<0.000010	1.1	0.136	<0.000010	<0.00010

Monitoring data report for: Quesnel Lake



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This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		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)	Mercury (Hg)-Total (mg/L)
QUL-59-MID	25/01/16	<0.00010	<0.010	0.000153	<0.00050	<0.0030	
	28/03/16	<0.00010	<0.010	0.000157	<0.00050	<0.0030	
QUL-59-S	25/01/16	<0.00010	<0.010	0.00015	<0.00050	<0.0030	
	28/03/16	<0.00010	<0.010	0.00016	<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	14/01/16	<0.010	0.000155	<0.00050	<0.0030
	28/01/16	<0.010	0.000155	<0.00050	<0.0030
	10/02/16	<0.010	0.000152	<0.00050	<0.0030
	25/02/16	<0.010	0.000171	<0.00050	<0.0030
	10/03/16	<0.010	0.00015	<0.00050	<0.0030
	23/03/16	<0.010	0.00016	<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-Jan-2016 to: 31-Mar-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (ln (%))	Dissolved Oxygen (in (mg/L))	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)	pH (in situ) (pH)
EDC-01	05/01/16	325.1	86.1	12.57	-0.062	0.57	7.63
	01/02/16	205.3	91.7	13.35	0.111	2.8	8.11
	02/03/16	139.6	90.6		0.78	2.15	7.98
	10/03/16	135			0.8	3.75	8
	15/03/16	111.9	90.5	13.02	0.543	4.3	8.3
	23/03/16	110.9			1.2	4.32	7.835
	29/03/16	98.1			1	3.27	7.786

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (ln (%))	Dissolved Oxygen (ln (mg/L))	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)	pH (in situ) (pH)
HAC-10	05/01/16	327.7	76.4	11.15	0.038	0.76	8.02
	07/01/16	292.5			0.698	0.36	7.97
	12/01/16	309.4			0.621	0.36	7.89
	19/01/16	292.1			0.845	0.38	7.97
	26/01/16	296.5			0.715	0.47	8.22
	01/02/16	303	75.6	10.84	0.685	0.31	7.86
	09/02/16	287.9			1.202	0.39	8.1
	15/02/16	272.2			0.902	0.5	7.95
	22/02/16	287.7			1.393	0.91	7.93
	24/02/16	306			2.4	0.15	8.1
	29/02/16	286.5	80.5	11.23	1.618	0.47	8.06
	02/03/16	273.5	65.1		1.668	0.57	8.06
	08/03/16	269.8			1.934	1.7	8.09
	15/03/16	258.6	81.8	11.33	1.921	0.86	7.91
	23/03/16	266			1.9	0.84	8.254
29/03/16	262			3.4	2.67	7.601	
HAC-08	05/01/16	932.7	91.7	13.45	-0.244	12.57	7.96
	19/01/16	874.1			1.33	2.85	8
	01/02/16	790.7	92.8	12.91	1.677	2.07	8.07
	02/03/16	663.1	90.8		2.85	2.76	7.98
HAC-05a	05/01/16	968.3	88.6	12.77	0.362	1.75	7.82
	07/01/16	945.1			1.228	1.21	7.7

Printed Date: 03/05/2016

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In (%))	Dissolved Oxygen (In (mg/L))	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)	pH (in situ) (pH)
HAC-05a	12/01/16	998.5			1.405	1.04	7.52
	26/01/16	902.1			1.481	1.94	7.73
	01/02/16	802.5	92.6	12.89	1.671	1.79	7.95
	09/02/16	802.2			2.416	1.12	7.96
	15/02/16	732.1			1.772	1.59	7.78
	22/02/16	746.1			2.852	2.08	7.99
	29/02/16	773	104.6	14.21	2.528	1.62	7.94
	02/03/16	720.8	90.2		3.167	0.61	8.19
	08/03/16	915.6			3.924	6.65	7.89
	15/03/16	761.4	101	13.44	3.332	2.96	7.86
	23/03/16	1008			3.8	14.47	7.942
	29/03/16	971			5.6	10.08	7.848
	30/03/16	833			8.8		7.79

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (ln (%))	Dissolved Oxygen (in (mg/L))	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)	pH (in situ) (pH)	Sample Depth (m)
QUL-18-0m	20/01/16	107.8	92	12.53	2.547	0.46	7.72	0
QUL-18-10	20/01/16	108.5	80.8	10.73	3.489	0.6	7.69	100
QUL-2a-0m	20/01/16	106.9	93.3	12.72	2.577	5.34	7.38	0
QUL-2a-40	20/01/16	107.9	83.3	11.19	3.051	0.43	7.4	40
QUL-2a-60	20/01/16	108.2	81.9	11	3.108	0.5	7.4	60
QUL-57-B	25/01/16	108.6	87.2	11.75	2.949	0.47	7.85	24
QUL-57-MI	25/01/16	108.5	88.2	11.89	2.935	0.45	7.89	13
QUL-57-S	25/01/16	107.8	92.2	12.44	2.904	0.7	7.92	0
	28/03/16							0
QUL-58-B	23/02/16	108.9	84.1	11.41	2.683	1.05	7.67	68
	28/03/16	110.4	87	11.67	3.128	0.69	7.9	68
QUL-58-MI D	25/01/16	108.8	86.2	11.59	3.056	0.45	7.88	35
	23/02/16	108.9	86.3	11.72	2.671	0.53	7.69	35
	28/03/16	110.3	92.2	12.36	3.121	0.43	7.94	35
QUL-58-S	25/01/16	108.6	90.5	12.2	2.878	1.26	7.91	0
	23/02/16	109	89.7	12.17	2.687	0.63	7.77	0
	28/03/16	110.7	95.5	12.73	3.262	0.87	7.95	0
QUL-59-B	25/01/16	111.6	85.7	11.54	2.998	0.37	7.86	36
	28/03/16	110.4	87.9	11.78	3.165	0.52	7.96	36
QUL-59-MI D	25/01/16	109.3	87.5	11.79	2.961	0.41	7.91	19
	28/03/16	113.1	92.6	12.41	3.14	0.46	8.03	19
QUL-59-S	25/01/16	109	89.6	12.07	2.905	0.57	7.95	0

Printed Date: 03/05/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Secchi Depth (m)
QUL-18-0m	20/01/16	7.95
QUL-18-10	20/01/16	
QUL-2a-0m	20/01/16	11.95
QUL-2a-40	20/01/16	
QUL-2a-60	20/01/16	
QUL-57-B	25/01/16	
QUL-57-MI	25/01/16	
QUL-57-S	25/01/16	6.25
	28/03/16	6.75
QUL-58-B	23/02/16	
	28/03/16	
QUL-58-MI D	25/01/16	
	23/02/16	
	28/03/16	
QUL-58-S	25/01/16	7.05
	23/02/16	7.1
	28/03/16	6.5
QUL-59-B	25/01/16	
	28/03/16	
QUL-59-MI D	25/01/16	
	28/03/16	
QUL-59-S	25/01/16	7.5

Printed Date: 03/05/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In (%))	Dissolved Oxygen (in (mg/L))	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)	pH (in situ) (pH)	Sample Depth (m)
QUL-59-S	28/03/16	111.5	97.2	13.01	3.208	0.44	8.15	0

		Cond (in situ) (µs/cm)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)	pH (in situ) (pH)
QUR-1	28/01/16	109.7	2.624	0.24	7.53
	10/02/16	107.9	2.507	0.25	7.59
	25/02/16	110.3	2.803	0.12	7.44
	10/03/16	111.4	3.268	0.02	7.73
	23/03/16	110.4	3.319	0.78	7.71

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Secchi Depth (m)
QUL-59-S	28/03/16	

Printed Date: 03/05/2016

Appendix 3

Monitoring data report for: Permitted Hydrology Sites



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Q (m ³ /s)	Staff Gauge (m)
H1 Up HAC Hydrology	14/01/16	0.3092	0.461
	21/01/16	0.2281	0.446
	26/01/16	0.3185	0.478
	27/01/16	0.3003	0.469
	01/02/16	0.2739	0.471
	03/02/16	0.2694	0.467
	09/02/16	0.2535	0.458
	22/02/16		0.476
	23/02/16	0.3055	0.476
	07/03/16	0.2241	0.431
	09/03/16	0.3232	0.489
H2 Low HAC Hydrology	06/01/16	0.2681	0.472
	12/01/16		0.454
	13/01/16	0.299	0.47
	21/01/16	0.2674	0.448
	26/01/16		0.475
	27/01/16	0.3176	0.478
	01/02/16	0.246	0.47
	03/02/16	0.3216	0.491
	09/02/16	0.283	0.452
	11/02/16	0.2541	0.456
	17/02/16	0.33	0.468

Printed Date: 14/04/2016

Monitoring data report for: Permitted Hydrology Sites



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jan-2016 to: 31-Mar-2016

		Q (m ³ /s)	Staff Gauge (m)
H2 Low HAC Hydrology	22/02/16	0.3589	0.484
	01/03/16	0.3411	0.494
	07/03/16	0.3937	0.496
	09/03/16	0.4428	0.512
	10/03/16		0.514
	21/03/16	0.2383	0.43
	22/03/16		0.46
	29/03/16		0.492
H3 Low EDC Hydrology	27/01/16	0.1178	
	07/03/16	0.9029	0.712
H4 POL Weir Hydrolog	20/01/16	0.0574	
	09/02/16	0.1268	
	18/02/16	0.1396	0.963
	21/03/16	0.0063	1.169