



# Mount Polley Mining Corporation

IMPERIAL METALS CORPORATION

August 11, 2016

Via Email: Brian Yamelst  
Sr. Environmental Protection Officer  
BC Ministry of Environment – Regional Operations Branch

## **RE: Second Quarter 2016 Report for Permit 11678**

Mount Polley Mining Corporation (MPMC) is pleased to present this second quarter monitoring report for 2016 as required under Permit 11678. Surface water and groundwater monitoring was conducted throughout this time period as specified in the *Comprehensive Environmental Monitoring Plan* (CEMP) submitted to the Ministry of Environment on March 31, 2016. Sampling events from the second quarter are outlined in Table 1.

With regard to the CEMP, the following items should be noted:

- Hydrological monitoring was conducted at eight stations: H1, H2, H3, H4, W1b, W4a, W5, and W12.
- 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 147 surface water quality sampling events.
- There were 45 groundwater quality sampling events.
- Quality assurance monitoring included six duplicate samples, three field blanks, and three trip blanks.
- Weekly updates on Springer Pit groundwater have been submitted to MEM and MoE starting on December 9, 2015.
- Tetra Tech provided an updated plume dispersion model on December 18, 2015 using data on effluent conductivity and lake temperature. The model indicated that “after a dozen meters the plume stops moving upward, and starts sinking”.

- Monitoring was conducted nine times at QUL-57, -58, and -59 in the second quarter of 2016. During each sampling and/or profiling event, 1-2 hours were spent (dependent on weather conditions and time constraints) trying to locate the discharge plume based on the plume dispersion model. If no plume was detected, sampling occurred at the default locations for these sites. The plume dispersion model indicated the discharge would be in a thin layer at the bottom in the initial dilution zone. All sampling events occurred at the default sampling locations as no plume was detected.
- All information for the water balance update was not available at time of reporting. This update will be submitted under separate cover as soon as it is available.

This report includes the following sections for water quality:

- Appendix 1: Surface water chemical analysis
- Appendix 2: Groundwater quality results
- Appendix 3: Field parameters
- Appendix 4: Hydrology results
- Appendix 5: QA/QC Results

Table 1: Sampling events in the second quarter 2016

Site Name	BC EMS Code	Full Sample Suite Frequency	Required Samples	Completed Samples	Required Profiles	Completed Profiles
E11	E302090	Weekly/Monthly <sup>(a)</sup>	7	10	-	-
E11a	E305894	Weekly <sup>(b)</sup>	10	12	-	-
E19	E305050	Weekly	13	17	-	-
HAD-3	E304230	Weekly <sup>(c)</sup>	12	15	-	-
HAC-10	E303010	Monthly	3	3	-	-
HAC-13	E304810	Weekly	13	14	-	-
HAC-05a	E304510	Monthly	3	3	-	-
HAC-08	E303013	Monthly	3	3	-	-
HAC-12	E304351	Weekly	13	14	-	-
QUL-57	E304874	Weekly/Monthly <sup>(d,e)</sup>	-	0	12	7 <sup>(f)</sup>
QUL-58	E304876	Weekly/Monthly <sup>(d)</sup>	12	9 <sup>(f)</sup>	12	9 <sup>(f)</sup>
QUL-59	E304875	Weekly/Monthly <sup>(d,e)</sup>	-	1	12	8 <sup>(f)</sup>

Site Name	BC EMS Code	Full Sample Suite Frequency	Required Samples	Completed Samples	Required Profiles	Completed Profiles
QUL-18	E303019	Monthly/Twice <sup>(g)</sup>	3	4	3	4
QUL-2a	E303020	Monthly/Twice <sup>(g)</sup>	3	3	3	4
QUL-120a	E303022	Monthly/Seasonally <sup>(h)</sup>	3	3	3	4
QUL-ZOO-1	E306455	Bi-annually	1	1	1	1
QUL-ZOO-7	E306456	Bi-annually	1	1	1	1
QUL-ZOO-8	E306457	Bi-annually	1	1	1	1
QUR-11	E306454	Monthly	3	5	-	-
W1	E225084	Monthly	3	3	-	-
W4a	E298551	Monthly	3	3	-	-
W5	E208039	Monthly	3	3	-	-
W8	E216743	Quarterly	1	2	-	-
W8Z	E223292	Quarterly	1	1	-	-
W10	E291209	Monthly	3	3	-	-
W12	E216744	Quarterly	1	1	-	-
W20	E297070	Quarterly	1	1	-	-
EDC-01	E303014	Monthly	3	3	-	-
P1	E207974	Monthly/bi-monthly <sup>(i)</sup>	3	3	5	5
P2	E207975	Monthly/bi-monthly <sup>(i)</sup>	3	3	5	5
B1	E207972	Bi-annually/bi-monthly <sup>(j)</sup>	1	1	5	5
B2	E215897	Bi-annually/bi-monthly <sup>(j)</sup>	1	1	5	5
GW96-1a	E229679	Annually	1	1	-	-
GW96-1b	E229680	Bi-annually	1	1	-	-
GW96-2a	E229681	Bi-annually	1	1	-	-
GW96-2b	E229682	Bi-annually	1	1	-	-
GW96-3a	E229683	Annually	1	1	-	-
GW96-4a	E229685	Annually	1	1	-	-
GW96-4b	E229686	Bi-annually	1	1	-	-
GW96-7	E229690	Annually	1	1	-	-
GW00-1a	E242385	Annually	1	1	-	-
GW00-1b	E242384	Bi-annually	1	1	-	-
GW00-2a	E242387	Annually	1	1	-	-
GW00-3a	E242389	Annually	1	1	-	-
GW00-3b	E242388	Bi-annually	1	1	-	-
95-R-5	E229695	Bi-annually	1	1	-	-
GW05-01	E258923	Quarterly	1	1	-	-
GW11-1a	E291210	Bi-annually	1	1	-	-
GW11-1b	E291211	Bi-annually	1	1	-	-

Site Name	BC EMS Code	Full Sample Suite Frequency	Required Samples	Completed Samples	Required Profiles	Completed Profiles
GW11-2a	E291212	Bi-annually	1	1	-	-
GW11-2b	E291213	Bi-annually	1	1	-	-
GW12-1a	E291969	Bi-annually	1	1	-	-
GW12-1b	E291970	Bi-annually	1	1	-	-
GW12-2a	E291971	Monthly	3	3	-	-
GW12-2b	E291972	Monthly	3	3	-	-
GW12-3a	E291973	Bi-annually	1	1	-	-
GW12-3b	E291974	Bi-annually	1	1	-	-
GW12-4a	E291976	Bi-annually	1	1	-	-
GW12-4b	E291977	Bi-annually	1	1	-	-
GW12-5a	E291978	Bi-annually	1	1	-	-
GW12-5b	E291979	Bi-annually	1	0 <sup>(k)</sup>	-	-
GW14-1	E301973	Quarterly	1	1	-	-
GW15-1a	E303210	Monthly	3	3	-	-
GW15-1b	E303211	Monthly	3	3	-	-
GW15-2a	E303212	Monthly	3	3	-	-
GW15-2b	E303213	Monthly	3	3	-	-

<sup>(a)</sup> Reduced to monthly sampling April 28, 2016 when E11a was established

<sup>(b)</sup> Established April 28, 2016

<sup>(c)</sup> Only when discharging

<sup>(d)</sup> Weekly between spring and fall overturn; changed to monthly June 23, 2016; monthly during winter only when discharging

<sup>(e)</sup> Profiles only

<sup>(f)</sup> Some sampling and/or profiling events were missed due to weather and time constraints

<sup>(g)</sup> Monthly between spring and fall overturn; twice during winter

<sup>(h)</sup> Monthly between spring and fall overturn until June 23, 2016; changed to seasonally (4 times per year)

<sup>(i)</sup> Monthly samples; bi-monthly profiles

<sup>(j)</sup> Bi-annual samples; bi-monthly profiles

<sup>(k)</sup> Well damaged; no sample taken

Sincerely,



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

# Appendix 1

# Monitoring data report for: Bootjack Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>B1-B</b>	28/04/16	95.9	41.9	7.6	72	1.2	1.07	41.9
<b>B1- Mid</b>	28/04/16	96.4	41.6	7.63	65	1.4	1.11	41.6
<b>B1-S</b>	28/04/16	97	41.8	7.65	67	1.1	0.79	41.7
<b>B2-Mid</b>	28/04/16	97.5	41.6	7.62	68	1.1	1.03	42.8
<b>B2-B</b>	28/04/16	98.4	41.9	7.62	71	1.1	1.29	43.3
<b>B2-S</b>	28/04/16	95.2	41.2	7.74	67	<1.0	0.77	42.1

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>EDC-01</b>	04/04/16	84.9	44.9	7.68	115	24.9	10.9	39.9
	11/04/16					7.9	4.31	
	19/04/16					3.3	2.32	
	25/04/16					2.6	2.33	
	05/05/16	128	66.2	7.92	114	1.4	1.07	62.2
	07/06/16	175	92.5	7.99	132	1.8	1.08	87.1

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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)
<b>B1-B</b>	28/04/16	0.0218	1.21	0.055	0.0425	0.0439	0.0013	<0.0010
<b>B1- Mid</b>	28/04/16	0.006	1.21	0.055	0.0212	0.0212	<0.0010	<0.0010
<b>B1-S</b>	28/04/16	0.0061	1.2	0.055	<0.0050	<0.0051	<0.0010	<0.0010
<b>B2-Mid</b>	28/04/16	0.0076	1.2	0.056	0.0323	0.0323	<0.0010	<0.0010
<b>B2-B</b>	28/04/16	0.0284	1.21	0.056	0.0539	0.0555	0.0016	0.0019
<b>B2-S</b>	28/04/16	<0.0050	1.19	0.055	<0.0050	<0.0051	<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)
<b>EDC-01</b>	04/04/16	0.006	<0.50	0.037	0.089	0.089	<0.0010	0.0023
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	0.0115	<0.50	0.054	<0.0050	<0.0051	<0.0010	0.0014
	07/06/16	0.0169	<0.50	0.062	0.0196	0.0196	<0.0010	0.0033

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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>B1-B</b>	28/04/16	0.0036	0.0117	4.76	0.354	6.12	0.026	0.00011
<b>B1- Mid</b>	28/04/16	0.0038	0.012	4.75	0.316	6.22	0.0236	0.00011
<b>B1-S</b>	28/04/16	0.0033	0.0109	4.73	0.278	6.32	0.0203	0.00012
<b>B2-Mid</b>	28/04/16	0.0033	0.0138	4.71	0.338	6.23	0.0255	0.00011
<b>B2-B</b>	28/04/16	0.0046	0.0131	4.7	0.356	6.31	0.0242	0.00011
<b>B2-S</b>	28/04/16	0.0039	0.0087	4.67	0.279	6.31	0.0213	0.00012

		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)
<b>EDC-01</b>	04/04/16	0.0162	0.0575	2.05	0.754	22	0.861	0.00011
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	0.0099	0.0112	4.55	0.594	18.5	0.109	<0.00010
	07/06/16	0.0094	0.0128	6.95	0.551	15	0.103	<0.00010



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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>B1-B</b>	28/04/16	0.00034	0.0188	<0.00010	<0.000050	0.044	<0.0000050	13.3
<b>B1- Mid</b>	28/04/16	0.00032	0.0183	<0.00010	<0.000050	0.044	<0.0000050	13.3
<b>B1-S</b>	28/04/16	0.00035	0.0182	<0.00010	<0.000050	0.043	<0.0000050	13.3
<b>B2-Mid</b>	28/04/16	0.00032	0.0186	<0.00010	<0.000050	0.045	<0.0000050	13.3
<b>B2-B</b>	28/04/16	0.00034	0.0198	<0.00010	<0.000050	0.045	<0.0000050	13.2
<b>B2-S</b>	28/04/16	0.00034	0.0175	<0.00010	<0.000050	0.043	<0.0000050	13

		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)
<b>EDC-01</b>	04/04/16	0.0008	0.0158	<0.00010	<0.000050	<0.010	0.0000171	12
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	0.0007	0.0124	<0.00010	<0.000050	0.01	0.000011	17.8
	07/06/16	0.00117	0.0183	<0.00010	<0.000050	0.014	0.0000096	25

# Monitoring data report for: Bootjack Lake



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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>B1-B</b>	28/04/16	<0.00050	<0.00010	0.00209	0.113	0.000221	<0.0010	2.39
<b>B1- Mid</b>	28/04/16	<0.00050	<0.00010	0.002	0.093	0.000243	<0.0010	2.41
<b>B1-S</b>	28/04/16	<0.00050	<0.00010	0.00202	0.067	<0.000050	<0.0010	2.38
<b>B2-Mid</b>	28/04/16	<0.00050	<0.00010	0.00187	0.097	0.000209	<0.0010	2.39
<b>B2-B</b>	28/04/16	<0.00050	<0.00010	0.00204	0.13	0.000162	<0.0010	2.35
<b>B2-S</b>	28/04/16	<0.00050	<0.00010	0.00186	0.058	<0.000050	<0.0010	2.35

		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)
<b>EDC-01</b>	04/04/16	0.00202	0.00057	0.00853	1.11	0.000312	<0.0010	3.56
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	<0.00090	<0.00010	0.00532	0.181	<0.000050	<0.0010	4.97
	07/06/16	0.00067	<0.00010	0.00526	0.181	<0.000050	<0.0010	7.04

# Monitoring data report for: Bootjack Lake



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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>B1-B</b>	28/04/16	0.04	0.000864	<0.00050	0.472	0.000133	1.23	<0.000010
<b>B1- Mid</b>	28/04/16	0.0304	0.000882	<0.00050	0.469	0.000131	0.997	<0.000010
<b>B1-S</b>	28/04/16	0.0242	0.000915	<0.00050	0.466	0.000121	0.97	<0.000010
<b>B2-Mid</b>	28/04/16	0.0328	0.000908	<0.00050	0.477	0.000145	1.09	<0.000010
<b>B2-B</b>	28/04/16	0.0661	0.000877	<0.00050	0.501	0.000136	1.27	<0.000010
<b>B2-S</b>	28/04/16	0.0218	0.000883	<0.00050	0.468	0.000134	0.958	<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)
<b>EDC-01</b>	04/04/16	0.0363	0.000336	0.00255	0.685	0.000157	5.02	0.000015
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	0.00763	0.000825	0.00107	0.67	0.000174	4.05	<0.000010
	07/06/16	0.0114	0.00118	0.00135	0.878	0.000291	4.46	<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)
<b>B1-B</b>	28/04/16	2.32	0.12	<0.000010	<0.00010	<0.010	0.000039	<0.00050
<b>B1- Mid</b>	28/04/16	2.36	0.12	<0.000010	<0.00010	<0.010	0.00004	<0.00050
<b>B1-S</b>	28/04/16	2.37	0.12	<0.000010	<0.00010	<0.010	0.000041	<0.00050
<b>B2-Mid</b>	28/04/16	2.35	0.123	<0.000010	<0.00010	<0.010	0.000042	<0.00050
<b>B2-B</b>	28/04/16	2.49	0.122	<0.000010	<0.00010	<0.010	0.000041	<0.00050
<b>B2-S</b>	28/04/16	2.39	0.12	<0.000010	<0.00010	<0.010	0.000043	<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)
<b>EDC-01</b>	04/04/16	2.1	0.0697	<0.000010	<0.00010	0.031	0.000095	0.00256
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	2.93	0.115	<0.000010	<0.00010	<0.010	0.000113	0.00101
	07/06/16	4.02	0.164	<0.000010	<0.00010	0.011	0.000125	0.00104

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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>B1-B</b>	28/04/16	<0.0030	0.0043	<0.00010	0.00029	0.0173	<0.00010	<0.000050
<b>B1- Mid</b>	28/04/16	<0.0030	0.005	<0.00010	0.00026	0.0175	<0.00010	<0.000050
<b>B1-S</b>	28/04/16	<0.0030	0.0046	<0.00010	0.00029	0.0173	<0.00010	<0.000050
<b>B2-Mid</b>	28/04/16	<0.0030	0.0041	<0.00010	0.00028	0.0174	<0.00010	<0.000050
<b>B2-B</b>	28/04/16	<0.0030	0.0038	<0.00010	0.00027	0.0178	<0.00010	<0.000050
<b>B2-S</b>	28/04/16	<0.0030	0.0046	<0.00010	0.00028	0.0169	<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)
<b>EDC-01</b>	04/04/16	0.0034	0.166	<0.00010	0.00038	0.00818	<0.00010	<0.000050
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	<0.0030	0.0658	<0.00010	0.00067	0.0122	<0.00010	<0.000050
	07/06/16	<0.0030	0.0323	<0.00010	0.00107	0.0171	<0.00010	<0.000050

# Monitoring data report for: Bootjack Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>B1-B</b>	28/04/16	0.045	<0.0000050	13	<0.00050	<0.00010	0.00158	<0.030
<b>B1- Mid</b>	28/04/16	0.042	<0.0000050	12.9	<0.00050	<0.00010	0.00162	<0.030
<b>B1-S</b>	28/04/16	0.041	<0.0000050	12.9	<0.00050	<0.00010	0.00164	<0.030
<b>B2-Mid</b>	28/04/16	0.041	<0.0000050	12.9	<0.00050	<0.00010	0.0016	<0.030
<b>B2-B</b>	28/04/16	0.042	<0.0000050	13	<0.00050	<0.00010	0.00202	<0.030
<b>B2-S</b>	28/04/16	0.042	<0.0000050	12.7	<0.00050	<0.00010	0.00155	<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)
<b>EDC-01</b>	04/04/16	<0.010	0.0000077	12.3	0.00086	<0.00010	0.00373	0.256
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	<0.010	0.0000096	18.2	0.00068	<0.00010	0.00473	0.124
	07/06/16	0.013	0.0000063	25.3	0.00054	<0.00010	0.00435	0.097

# Monitoring data report for: Bootjack Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>B1-B</b>	28/04/16	<0.000050	<0.0010	2.31	0.00044	0.000837	<0.00050	0.473
<b>B1- Mid</b>	28/04/16	<0.000050	<0.0010	2.3	0.00028	0.000886	<0.00050	0.459
<b>B1-S</b>	28/04/16	<0.000050	<0.0010	2.31	0.00037	0.000891	<0.00050	0.47
<b>B2-Mid</b>	28/04/16	<0.000050	<0.0010	2.3	0.00035	0.000855	<0.00050	0.457
<b>B2-B</b>	28/04/16	<0.000050	<0.0010	2.31	0.00118	0.000838	<0.00050	0.471
<b>B2-S</b>	28/04/16	<0.000050	<0.0010	2.28	0.00026	0.000876	<0.00050	0.458

		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)
<b>EDC-01</b>	04/04/16	<0.000050	<0.0010	3.44	0.00417	0.000301	0.00145	0.599
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	<0.000050	<0.0010	5.04	0.00532	0.000845	0.00106	0.66
	07/06/16	<0.000050	<0.0010	7.09	0.00645	0.00117	0.00112	0.843

# Monitoring data report for: Bootjack Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>B1-B</b>	28/04/16	0.000102	1.12	<0.000010	2.35	0.12	<0.000010	<0.00010
<b>B1- Mid</b>	28/04/16	0.000092	0.901	<0.000010	2.32	0.117	<0.000010	<0.00010
<b>B1-S</b>	28/04/16	0.0001	0.894	<0.000010	2.35	0.115	<0.000010	<0.00010
<b>B2-Mid</b>	28/04/16	0.000126	1	<0.000010	2.32	0.117	<0.000010	<0.00010
<b>B2-B</b>	28/04/16	0.000123	1.2	<0.000010	2.36	0.12	<0.000010	<0.00010
<b>B2-S</b>	28/04/16	0.000121	0.879	<0.000010	2.32	0.118	<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)
<b>EDC-01</b>	04/04/16	0.000101	4.17	<0.000010	2.18	0.0687	<0.000010	<0.00010
	11/04/16							
	19/04/16							
	25/04/16							
	05/05/16	0.000167	4.05	<0.000010	2.94	0.115	<0.000010	<0.00010
	07/06/16	0.000255	4.23	<0.000010	3.9	0.158	<0.000010	<0.00010

Printed Date: 28/07/2016



# Monitoring data report for: Bootjack Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>B1-B</b>	28/04/16	<0.010	0.00003	<0.00050	<0.0030
<b>B1- Mid</b>	28/04/16	<0.010	0.000035	<0.00050	<0.0030
<b>B1-S</b>	28/04/16	<0.010	0.000037	<0.00050	<0.0030
<b>B2-Mid</b>	28/04/16	<0.010	0.000035	<0.00050	<0.0030
<b>B2-B</b>	28/04/16	<0.010	0.000034	<0.00050	<0.0030
<b>B2-S</b>	28/04/16	<0.010	0.000039	<0.00050	<0.0030

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>EDC-01</b>	04/04/16	<0.010	0.000071	0.00072	<0.0030
	11/04/16				
	19/04/16				
	25/04/16				
	05/05/16	<0.010	0.000103	0.00071	<0.0030
	07/06/16	<0.010	0.000117	0.00068	<0.0030

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>E11</b>	04/04/16	1190	513	8	854	6.5	2.08	49.4
	11/04/16	1190	510	8.02	863	3.1	1.55	50.8
	19/04/16	1170	514	8.16	873	1.5	0.92	49.7
	21/04/16	1170	504	8.18	867	14.4	4.43	49.8
	25/04/16	1200	522	8.02	822	1.5	0.59	50.7
	26/04/16	1210	509	8.13	854	7	2.12	49.9
	27/04/16	1190	505	8.06	849	2	0.45	49.4
	28/04/16	1200	512	7.85	872	2.6	1.06	50.7
	03/05/16	1200	519	7.96	848	2.7	2.46	51.8
	02/06/16	1170	509	8.01	941	<1.0	1.33	49.9
<b>E11a</b>	28/04/16	1130	502	8.02	874	1.2	2.1	51.4
	02/05/16	1200	497	7.97	878	2.7	1.38	49.6
	05/05/16	1170	513	7.95	864	1.4	1.62	49.8
	10/05/16	1180	529	7.9	931	1.8	1	48.9
	17/05/16	1160	510	7.98	889	1.1	1.03	49
	24/05/16	1170	506	7.95	913	4.5	3.18	50.8
	31/05/16	1180	536	7.91	910	4.4	2.88	51.6
	07/06/16	1180	518	7.96	849	3.6	2.06	51.6
	14/06/16	1200	516	7.98	933	<1.0	1.83	50.3
	16/06/16	1200	521	8.06	837	5.5	2.58	49.2
	20/06/16	1200	507	7.93	914	2	1.79	49.2
	23/06/16					4.7	2.08	

Printed Date: 28/07/2016

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11</b>	04/04/16	0.143	11.2	0.5	8.49	8.54	0.056	0.0019
	11/04/16	0.131	11	0.51	8.43	8.5	0.0626	0.0053
	19/04/16	0.139	11.2	0.56	8.54	8.6	0.0596	0.0043
	21/04/16	0.137	11.6	0.55	8.9	8.95	0.0588	0.0036
	25/04/16	0.141	11.5	0.57	8.63	8.69	0.0623	0.0019
	26/04/16	0.16	11.6	0.56	8.71	8.77	0.0587	0.0027
	27/04/16	0.141	11.4	0.57	8.51	8.57	0.0574	0.0015
	28/04/16	0.139	11.6	0.55	8.74	8.8	0.0582	0.0019
	03/05/16	0.138	11.3	0.55	8.57	8.62	0.0584	0.0025
	02/06/16	0.0788	11.9	0.59	8.58	8.65	0.0696	<0.0010
<b>E11a</b>	28/04/16	0.131	11.5	0.56	8.73	8.79	0.0561	0.0026
	02/05/16	0.136	11.7	0.57	8.72	8.78	0.0585	0.0014
	05/05/16	0.142	11.8	0.58	8.86	8.92	0.0612	0.0028
	10/05/16	0.137	12	0.6	8.92	8.99	0.0616	0.0015
	17/05/16	0.103	12	0.6	8.98	9.04	0.0637	<0.0010
	24/05/16	0.13	12	0.57	8.9	8.96	0.0601	0.002
	31/05/16	0.128	12.1	0.64	8.58	8.65	0.0689	0.004
	07/06/16	0.12	12.3	0.61	8.84	8.91	0.0724	0.0011
	14/06/16	0.162	12.5	0.64	8.88	8.96	0.072	0.0036
	16/06/16	0.165	12.4	0.63	8.67	8.74	0.0781	0.0042
	20/06/16	0.177	11.2	0.58	7.83	7.91	0.0754	0.0048
	23/06/16							

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11</b>	04/04/16	0.0067	0.0283	521	8.93	3.14	0.313	0.00155
	11/04/16	0.0089	0.0183	519	8.78	3.12	0.128	0.00163
	19/04/16	0.0073	0.0143	528	9.03	3.05	0.0968	0.00137
	21/04/16	0.0058	0.0228	546	9.09	2.59	0.259	0.00155
	25/04/16	0.0052	0.0148	534	8.93	2.67	0.13	0.0016
	26/04/16	0.0058	0.0272	537	9.08	2.66	0.389	0.00164
	27/04/16	0.0039	0.0196	525	8.89	2.57	0.126	0.0016
	28/04/16	0.0024	0.0161	538	8.88	2.78	0.164	0.00169
	03/05/16	0.0055	0.017	528	9.1	2.71	0.209	0.00163
	02/06/16	0.002	0.0082	547	8.94	2.66	0.122	0.00171
<b>E11a</b>	28/04/16	0.0043	0.0143	538	9.03	2.71	0.125	0.00159
	02/05/16	0.0041	0.0132	540	8.98	2.59	0.134	0.0015
	05/05/16	0.0049	0.0115	548	8.96	2.81	0.162	0.00165
	10/05/16	0.003	0.01	559	8.83	2.34	0.0998	0.00159
	17/05/16	<0.0020	0.0112	559	8.68	2.58	0.116	0.00168
	24/05/16	0.0052	0.0189	557	9.49	2.46	0.295	0.00175
	31/05/16	0.0059	0.0162	543	9.02	2.47	0.252	0.00176
	07/06/16	0.0035	0.013	555	9.05	2.25	0.193	0.0017
	14/06/16	0.0076	0.0156	560	8.35	2.38	0.153	0.00188
	16/06/16	0.0076	0.0203	549	9.13	3.07	0.268	0.00166
	20/06/16	0.006	0.0115	495	8.59	2.21	0.116	0.00168
23/06/16								

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11</b>	04/04/16	0.00137	0.0677	<0.00010	<0.000050	0.126	<0.000020	152
	11/04/16	0.00134	0.0594	<0.00010	<0.000050	0.129	<0.000050	153
	19/04/16	0.00113	0.0577	<0.00010	<0.000050	0.11	<0.000015	148
	21/04/16	0.00117	0.0599	<0.00010	<0.000050	0.133	<0.000020	152
	25/04/16	0.00117	0.0594	<0.00010	<0.000050	0.153	0.0000109	157
	26/04/16	0.00127	0.0626	<0.00010	<0.000050	0.142	<0.000015	147
	27/04/16	0.00107	0.0594	<0.00010	<0.000050	0.127	<0.000015	153
	28/04/16	0.00109	0.0607	<0.00010	<0.000050	0.137	<0.000015	153
	03/05/16	0.00106	0.0627	<0.00010	<0.000050	0.135	<0.000030	156
	02/06/16	0.00095	0.0662	<0.00010	<0.000050	0.135	0.000006	158
<b>E11a</b>	28/04/16	0.00109	0.0574	<0.00010	<0.000050	0.134	0.0000092	154
	02/05/16	0.00098	0.0594	<0.00010	<0.000050	0.119	<0.000010	142
	05/05/16	0.00102	0.0613	<0.00010	<0.000050	0.136	<0.000020	156
	10/05/16	0.00092	0.0575	<0.00010	<0.000050	0.153	<0.000015	151
	17/05/16	0.0009	0.0624	<0.00010	<0.000050	0.143	<0.000015	155
	24/05/16	0.00106	0.0648	<0.00010	<0.000050	0.141	<0.000010	152
	31/05/16	0.00099	0.0645	<0.00010	<0.000050	0.136	<0.0000050	166
	07/06/16	0.00095	0.0623	<0.00010	<0.000050	0.14	0.0000055	154
	14/06/16	0.00117	0.0693	<0.00010	<0.000050	0.143	0.000007	157
	16/06/16	0.00101	0.0671	<0.00010	<0.000050	0.153	<0.000010	159
	20/06/16	0.00098	0.0659	<0.00010	<0.000050	0.139	<0.000020	153
23/06/16								

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11</b>	04/04/16	<0.00050	0.0003	0.0151	0.215	0.000106	0.0172	29.9
	11/04/16	<0.00050	0.00021	0.0085	0.069	<0.000050	0.0162	29.6
	19/04/16	<0.00050	0.00015	0.00493	0.045	<0.000050	0.0155	29
	21/04/16	<0.00050	0.00024	0.0113	0.14	0.000085	0.0155	30.8
	25/04/16	<0.00050	0.0002	0.00698	0.068	<0.000050	0.0177	31.3
	26/04/16	<0.00050	0.00035	0.0164	0.234	0.000108	0.017	31
	27/04/16	<0.00050	0.00021	0.0068	0.076	<0.000050	0.0156	29.4
	28/04/16	<0.00050	0.00021	0.00835	0.103	0.000122	0.0159	30.2
	03/05/16	<0.00050	0.00025	0.011	0.166	0.000094	0.0158	30.9
	02/06/16	<0.00050	0.00015	0.00541	0.043	<0.000050	0.0169	30.2
<b>E11a</b>	28/04/16	<0.00050	0.0002	0.00589	0.067	0.000648	0.0168	30.7
	02/05/16	<0.00050	0.00018	0.00605	0.083	0.000077	0.0144	29.4
	05/05/16	<0.00050	0.00022	0.00725	0.097	0.000061	0.0177	31.2
	10/05/16	<0.00050	0.00017	0.00574	0.052	0.000103	0.0177	29.7
	17/05/16	<0.00050	0.00018	0.0094	0.065	0.000169	0.0172	30.8
	24/05/16	<0.00050	0.00024	0.0102	0.168	0.000117	0.0168	29.9
	31/05/16	<0.00050	0.00019	0.00793	0.122	<0.000050	0.0162	31.4
	07/06/16	<0.00050	0.00016	0.00553	0.102	0.000085	0.0173	30.4
	14/06/16	<0.00050	0.00015	0.00537	0.139	<0.000050	0.0144	30.9
	16/06/16	<0.00050	0.00019	0.0089	0.11	0.000058	0.017	30.5
	20/06/16	<0.00050	0.00014	0.00397	0.069	0.000054	0.018	30.1
23/06/16								

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>E11</b>	04/04/16	0.0473		0.169	0.00074	13.4	0.0359	4.17
	11/04/16	0.0378		0.168	0.0006	12.4	0.0342	3.87
	19/04/16	0.0331		0.152	0.00057	11.6	0.0344	3.66
	21/04/16	0.0436		0.167	0.00051	12.7	0.0338	3.99
	25/04/16	0.044		0.177	0.00062	13	0.038	3.99
	26/04/16	0.0542		0.171	0.00069	13	0.0365	4.28
	27/04/16	0.0431		0.173	0.00059	13.7	0.0364	3.88
	28/04/16	0.0443		0.17	0.00059	12.7	0.0364	3.93
	03/05/16	0.0432		0.17	0.00064	13.4	0.036	4.12
	02/06/16	0.0412		0.174	0.00064	15.4	0.0359	3.88
<b>E11a</b>	28/04/16	0.0445		0.169	0.0007	14.2	0.0374	3.82
	02/05/16	0.0384		0.158	0.00059	12.6	0.0356	3.7
	05/05/16	0.0423		0.183	0.00066	13.9	0.0364	3.89
	10/05/16	0.0454		0.17	0.00073	14.2	0.0358	3.78
	17/05/16	0.0444		0.185	0.00071	14.2	0.0358	3.94
	24/05/16	0.0476		0.181	0.00073	14.8	0.0371	4.19
	31/05/16	0.0447		0.174	0.00066	14.3	0.0345	4.29
	07/06/16	0.0393		0.179	0.00057	16	0.0364	4.1
	14/06/16	0.0376		0.17	0.00053	16.3	0.0374	4.01
	16/06/16	0.0464		0.173	0.00067	17	0.037	4.27
	20/06/16	0.0423		0.173	0.00061	17	0.0363	3.9
23/06/16								

Printed Date: 28/07/2016

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>E11</b>	04/04/16	<0.000010	56.1	2.92	<0.000010	<0.00010	0.034	0.00148
	11/04/16	<0.000010	51.2	2.87	<0.000010	<0.00010	0.021	0.00152
	19/04/16	<0.000010	49.2	2.59	<0.000010	<0.00010	0.017	0.00121
	21/04/16	<0.000010	51.6	2.72	<0.000010	<0.00010	0.02	0.00142
	25/04/16	<0.000010	56.2	2.88	<0.000010	<0.00010	0.025	0.00151
	26/04/16	<0.000010	58.7	2.72	<0.000010	<0.00010	0.03	0.00151
	27/04/16	<0.000010	55.4	2.78	<0.000010	<0.00010	0.026	0.00135
	28/04/16	0.000018	52.4	2.69	<0.000010	<0.00010	0.019	0.00138
	03/05/16	<0.000010	54.2	2.64	<0.000010	<0.00010	0.033	0.00137
	02/06/16	<0.000010	60	2.57	<0.000010	<0.00010	<0.010	0.00127
<b>E11a</b>	28/04/16	<0.000010	54.4	2.7	<0.000010	<0.00010	0.015	0.00142
	02/05/16	<0.000010	52	2.46	<0.000010	<0.00010	0.017	0.00127
	05/05/16	<0.000010	56.3	2.73	<0.000010	<0.00010	0.021	0.00141
	10/05/16	<0.000010	57.2	2.58	<0.000010	<0.00010	0.022	0.00127
	17/05/16	<0.000010	59.4	2.67	<0.000010	<0.00010	0.016	0.00139
	24/05/16	<0.000010	56.4	2.67	<0.000010	<0.00010	0.023	0.0014
	31/05/16	<0.000010	57.1	2.49	<0.000010	<0.00010	0.014	0.0013
	07/06/16	<0.000010	55.7	2.63	<0.000010	<0.00010	0.03	0.00124
	14/06/16	<0.000010	50.9	2.54	<0.000010	<0.00010	0.015	0.00107
	16/06/16	<0.000010	62	2.55	<0.000010	<0.00010	0.016	0.00119
	20/06/16	<0.000010	60.9	2.57	<0.000010	<0.00010	<0.010	0.00123
23/06/16								



# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>E11</b>	04/04/16	0.00169	<0.0030	0.0178	0.00155	0.00124	0.0623	<0.00010
	11/04/16	0.00128	<0.0030	0.0179	0.00164	0.00134	0.0578	<0.00010
	19/04/16	0.00107	<0.0030	0.0182	0.00137	0.00116	0.0602	<0.00010
	21/04/16	0.00138	<0.0030	0.0208	0.00155	0.00113	0.0571	<0.00010
	25/04/16	0.00137	<0.0030	0.0205	0.00153	0.00106	0.0569	<0.00010
	26/04/16	0.00189	<0.0030	0.0188	0.00152	0.00106	0.0575	<0.00010
	27/04/16	0.00108	<0.0030	0.0189	0.00152	0.00105	0.0589	<0.00010
	28/04/16	0.00115	<0.0030	0.0195	0.00164	0.00108	0.0619	<0.00010
	03/05/16	0.00138	<0.0030	0.0223	0.00162	0.00099	0.0604	<0.00010
	02/06/16	0.00097	<0.0030	0.0333	0.00168	0.00084	0.0639	<0.00010
<b>E11a</b>	28/04/16	0.00114	<0.0030	0.0205	0.0016	0.00092	0.0558	<0.00010
	02/05/16	0.00108	<0.0030	0.0247	0.00158	0.00102	0.0612	<0.00010
	05/05/16	0.0012	<0.0030	0.0231	0.00161	0.0009	0.0583	<0.00010
	10/05/16	0.00091	<0.0030	0.0206	0.00175	0.00087	0.0581	<0.00010
	17/05/16	0.00091	<0.0030	0.0286	0.00159	0.00085	0.0601	<0.00010
	24/05/16	0.00139	<0.0030	0.0247	0.00168	0.00088	0.0629	<0.00010
	31/05/16	0.00121	<0.0030	0.0295	0.0017	0.00087	0.0633	<0.00010
	07/06/16	0.00124	<0.0030	0.0326	0.00165	0.00087	0.0618	<0.00010
	14/06/16	0.00139	<0.0030	0.0257	0.00178	0.00104	0.0667	<0.00010
	16/06/16	0.00143	<0.0030	0.029	0.00161	0.00087	0.0631	<0.00010
	20/06/16	0.00116	<0.0030	0.0291	0.00166	0.00087	0.0644	<0.00010
23/06/16								

Printed Date: 28/07/2016

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>E11</b>	04/04/16	<0.000050	0.117	<0.000010	155	<0.00050	0.00012	0.00277
	11/04/16	<0.000050	0.127	<0.000050	155	<0.00050	0.00013	0.0033
	19/04/16	<0.000050	0.108	<0.000010	156	<0.00050	0.0001	0.00238
	21/04/16	<0.000050	0.14	<0.000010	152	<0.00050	0.00011	0.00301
	25/04/16	<0.000050	0.138	0.0000083	159	<0.00050	0.00013	0.00263
	26/04/16	<0.000050	0.138	<0.000015	152	<0.00050	0.00014	0.00296
	27/04/16	<0.000050	0.113	<0.000015	154	<0.00050	0.00014	0.00254
	28/04/16	<0.000050	0.137	<0.000015	155	<0.00050	0.00014	0.00228
	03/05/16	<0.000050	0.131	<0.000060	157	<0.00050	0.00012	0.00252
	02/06/16	<0.000050	0.127	<0.0000050	155	<0.00050	<0.00010	0.00212
<b>E11a</b>	28/04/16	<0.000050	0.135	0.0000071	152	<0.00050	0.00014	0.00222
	02/05/16	<0.000050	0.121	<0.0000050	150	<0.00050	0.00012	0.00186
	05/05/16	<0.000050	0.127	<0.000020	154	<0.00050	0.00013	0.00254
	10/05/16	<0.000050	0.144	<0.000015	161	<0.00050	0.00014	0.00267
	17/05/16	<0.000050	0.127	<0.000015	154	<0.00050	0.00011	0.0021
	24/05/16	<0.000050	0.132	<0.000010	153	<0.00050	0.00013	0.00222
	31/05/16	<0.000050	0.128	<0.0000050	164	<0.00050	<0.00010	0.00211
	07/06/16	<0.000050	0.132	0.0000063	158	<0.00050	<0.00010	0.00179
	14/06/16	<0.000050	0.135	0.0000057	156	<0.00050	<0.00010	0.00163
	16/06/16	<0.000050	0.143	<0.000015	159	<0.00050	0.00011	0.00211
	20/06/16	<0.000050	0.131	<0.0000050	155	<0.00050	<0.00010	0.00166
23/06/16								

Printed Date: 28/07/2016

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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-Molybdenum (Mo) (mg/L)	Diss-Nickel (Ni) (mg/L)
<b>E11</b>	04/04/16	<0.030	<0.000050	0.0169	30.3	0.0355	0.165	<0.00050
	11/04/16	<0.030	<0.000050	0.0171	30.1	0.0352	0.163	0.0005
	19/04/16	<0.030	<0.000050	0.0151	30.4	0.0308	0.149	<0.00050
	21/04/16	<0.030	<0.000050	0.0167	30.2	0.0359	0.167	0.0007
	25/04/16	<0.030	<0.000050	0.0168	30.5	0.0382	0.166	0.00055
	26/04/16	<0.030	<0.000050	0.0173	31.1	0.0396	0.158	0.00055
	27/04/16	<0.030	<0.000050	0.0155	29.4	0.0387	0.161	0.00055
	28/04/16	<0.030	<0.000050	0.0158	30.5	0.0376	0.164	0.00052
	03/05/16	<0.030	<0.000050	0.0158	30.6	0.0341	0.16	0.00052
	02/06/16	<0.030	<0.000050	0.0161	29.5	0.0329	0.168	0.0007
<b>E11a</b>	28/04/16	<0.030	0.000317	0.0175	29.9	0.0386	0.171	0.00066
	02/05/16	<0.030	<0.000050	0.0153	30.1	0.0352	0.164	0.00055
	05/05/16	<0.030	<0.000050	0.0156	30.9	0.038	0.17	0.00055
	10/05/16	<0.030	0.00008	0.0191	30.9	0.0437	0.169	<0.00050
	17/05/16	<0.030	0.000092	0.016	30.5	0.0387	0.165	0.00063
	24/05/16	<0.030	0.000064	0.0169	30	0.0426	0.175	0.00065
	31/05/16	<0.030	<0.000050	0.0158	30.5	0.0394	0.169	0.00071
	07/06/16	<0.030	0.000125	0.017	30.3	0.0317	0.174	0.00051
	14/06/16	<0.030	0.000076	0.0141	30.7	0.0326	0.161	<0.00050
	16/06/16	<0.030	0.000061	0.0164	30	0.041	0.166	0.00062
	20/06/16	<0.030	<0.000050	0.0176	29.3	0.0368	0.167	0.00057
	23/06/16							

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11</b>	04/04/16	12.9	0.035	3.6	<0.000010	54.5	2.88	<0.000010
	11/04/16	12.4	0.0366	3.66	<0.000010	51.6	2.86	<0.000010
	19/04/16	12.2	0.0388	3.56	<0.000010	48.6	2.55	<0.000010
	21/04/16	14	0.0344	3.57	<0.000010	55.8	2.68	<0.000010
	25/04/16	12.7	0.0366	3.69	<0.000010	53.9	2.75	<0.000010
	26/04/16	13.1	0.0355	3.65	<0.000010	55.4	2.58	<0.000010
	27/04/16	13.5	0.0379	3.61	<0.000010	54.2	2.67	<0.000010
	28/04/16	12.6	0.0356	3.66	<0.000010	48	2.6	<0.000010
	03/05/16	13.4	0.036	3.66	<0.000010	53.6	2.57	0.000011
	02/06/16	15.3	0.0348	3.63	<0.000010	58.5	2.49	<0.000010
<b>E11a</b>	28/04/16	13.8	0.0359	3.55	<0.000010	52.5	2.76	<0.000010
	02/05/16	13.3	0.0372	3.65	<0.000010	53.2	2.57	<0.000010
	05/05/16	13.6	0.0347	3.57	<0.000010	54.5	2.63	<0.000010
	10/05/16	14.4	0.0379	3.75	<0.000010	56.2	2.69	<0.000010
	17/05/16	13.7	0.0355	3.65	<0.000010	56.7	2.51	<0.000010
	24/05/16	14.2	0.0348	3.56	<0.000010	54.9	2.61	<0.000010
	31/05/16	15.4	0.0329	3.7	<0.000010	55.3	2.43	0.000011
	07/06/16	16	0.0365	3.83	<0.000010	56.3	2.57	<0.000010
	14/06/16	15.7	0.0359	3.64	<0.000010	46.3	2.43	<0.000010
	16/06/16	16.9	0.0379	3.71	<0.000010	61.6	2.51	<0.000010
	20/06/16	16.6	0.0368	3.67	<0.000010	59.2	2.52	<0.000010
	23/06/16							

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11</b>	04/04/16	<0.00010	0.02	0.00144	0.00092	<0.0030
	11/04/16	<0.00010	0.016	0.00145	0.0009	<0.0030
	19/04/16	<0.00010	0.014	0.0012	0.0008	<0.0030
	21/04/16	<0.00010	0.012	0.00136	0.00079	<0.0030
	25/04/16	<0.00010	0.021	0.0014	0.00079	<0.0030
	26/04/16	<0.00010	0.013	0.00132	0.00081	<0.0030
	27/04/16	<0.00010	0.02	0.0013	0.00075	<0.0030
	28/04/16	<0.00010	0.011	0.00137	0.00069	<0.0030
	03/05/16	<0.00010	0.022	0.00132	0.00079	<0.0030
	02/06/16	<0.00010	<0.010	0.00124	0.00082	<0.0030
<b>E11a</b>	28/04/16	<0.00010	0.011	0.00144	0.00065	<0.0030
	02/05/16	<0.00010	0.012	0.00131	0.00078	<0.0030
	05/05/16	<0.00010	0.013	0.0013	0.00071	<0.0030
	10/05/16	<0.00010	0.02	0.00144	0.0006	<0.0030
	17/05/16	<0.00010	0.011	0.00124	0.00065	<0.0030
	24/05/16	<0.00010	<0.010	0.00137	0.00074	<0.0030
	31/05/16	<0.00010	<0.010	0.00125	0.00077	<0.0030
	07/06/16	<0.00010	0.024	0.00121	0.00085	<0.0030
	14/06/16	<0.00010	<0.010	0.00103	0.00087	<0.0030
	16/06/16	<0.00010	<0.010	0.00114	0.00088	<0.0030
	20/06/16	<0.00010	<0.010	0.00119	0.00087	<0.0030
	23/06/16					

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>E11a</b>	27/06/16	1170	519	7.86	951	1.8	1.03	45.2
	29/06/16					1.8		
<b>E19</b>	04/04/16	1180	594	8.04	878	6.3	11.8	92
	11/04/16	1220	640	8.24	934	13.3	6.83	91.2
	13/04/16	1200	668	8.07	936	8.8	5.11	89.8
	19/04/16	1230	654	8.04	963	6.9	6.81	92.4
	25/04/16	1240	654	8.11	926	13.5	2.88	93.5
	26/04/16	1250	634	8.01	1020	6.6	3.3	87.4
	27/04/16	1240	640	7.95	888	4.9	2.35	86.2
	28/04/16	1260	636	7.98	943	22.3	4.93	86.2
	05/05/16	1180	509	7.95	899	3.9	3.28	48.8
	10/05/16	1190	527	7.91	914	1.3	0.88	49
	17/05/16	875	513	7.86	877	1.7	1.1	79.4
	24/05/16	1160	517	8.01	919	2.7	1.87	50.7
	31/05/16	1190	548	7.93	893	3.5	2.98	52.1
	07/06/16	1200	512	8.01	851	2.6	1.56	51.9
	14/06/16	1200	516	7.99	901	2.9	1.98	50
	20/06/16	1210	508	7.95	948	1.8	1.59	49.7
27/06/16	1170	522	7.85	944	<1.0	0.98	45.6	
<b>HAD-3</b>	04/04/16	1180	590	7.71	856	9	1.33	80.8
	11/04/16	1230	640	7.85	692	4.9	1.11	82.4
	13/04/16	1210	670	7.67	949	7.2	1.01	80.1
	19/04/16	1250	655	7.52	978	4.7	1.19	81.5
	05/05/16	1200	505	7.22	910	3	0.79	37.5

Printed Date: 28/07/2016

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11a</b>	27/06/16	0.175	12.2	0.65	8.75	8.84	0.0925	0.0016
	29/06/16							
<b>E19</b>	04/04/16	0.044	6.4	0.33	7.72	7.74	0.0127	0.0273
	11/04/16	0.0094	5.5	0.32	8.39	8.41	0.0177	0.0012
	13/04/16	0.0459	5.1	0.38	9.03	9.05	0.0194	0.0377
	19/04/16	0.0807	6.7	0.43	8.67	8.69	0.0255	0.017
	25/04/16	0.0327	8.1	0.39	8.29	8.32	0.0235	<0.0010
	26/04/16	0.0393	10.3	0.38	8.29	8.31	0.0233	<0.0010
	27/04/16	0.0345	12.3	0.37	8.09	8.12	0.0212	<0.0010
	28/04/16	0.0318	13.7	0.34	8.32	8.35	0.0233	0.0022
	05/05/16	0.135	11.7	0.57	8.79	8.85	0.0631	0.0027
	10/05/16	0.142	11.7	0.59	8.74	8.8	0.0609	0.0015
	17/05/16	0.0996	11.7	0.58	8.74	8.8	0.0615	<0.0010
	24/05/16	0.121	12	0.58	8.93	8.99	0.0612	0.0021
	31/05/16	0.132	12.2	0.64	8.6	8.67	0.0696	0.0043
	07/06/16	0.0978	12.1	0.62	8.73	8.81	0.0714	<0.0010
	14/06/16	0.162	12.9	0.66	9.17	9.24	0.069	0.0033
	20/06/16	0.172	12.6	0.65	8.81	8.9	0.0904	0.0047
27/06/16	0.182	12.4	0.66	8.89	8.99	0.106	0.002	
<b>HAD-3</b>	04/04/16	0.0522	15.6	0.24	7.7	7.72	0.0123	0.0013
	11/04/16	0.022	14.1	0.27	8.71	8.72	0.0166	<0.0010
	13/04/16	0.0606	14.4	0.31	9.51	9.53	0.0198	<0.0010
	19/04/16	0.0985	14.8	0.31	8.43	8.46	0.0247	0.001
	05/05/16	0.144	21.2	0.41	8.79	8.85	0.0615	<0.0010

Printed Date: 28/07/2016

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11a</b>	27/06/16	0.0039	0.0097	545	9.14	2.3	0.0979	0.00161
	29/06/16							
<b>E19</b>	04/04/16	0.0325	0.0474	507	8.01	5.97	0.566	0.00049
	11/04/16	0.005	0.0409	534	8.55	5.78	0.463	0.00043
	13/04/16	0.0454	0.0785	565	9.01	6.01	0.423	0.00044
	19/04/16	0.0211	0.0409	562	8.61	4.85	0.369	0.00046
	25/04/16	0.0048	0.0248	567	8.51	4.12	0.474	0.00051
	26/04/16	0.0024	0.0143	564	8.6	3.96	0.298	0.00054
	27/04/16	<0.0020	0.0114	556	8.48	3.46	0.314	0.00056
	28/04/16	<0.0020	0.0221	566	8.32	3.62	0.703	0.00066
	05/05/16	0.0054	0.0169	544	8.87	2.72	0.198	0.00165
	10/05/16	0.0021	0.0096	548	8.75	2.73	0.0831	0.00178
	17/05/16	<0.0020	0.0085	543	8.65	3.56	0.0854	0.00166
	24/05/16	0.0048	0.0159	559	9.04	2.54	0.231	0.00177
	31/05/16	0.0062	0.017	545	9.02	2.53	0.241	0.00165
	07/06/16	0.0029	0.0085	549	9.06	2.36	0.148	0.00171
	14/06/16	0.0061	0.0161	578	9.25	2.26	0.19	0.00171
	20/06/16	0.0081	0.0118	556	8.52	2.18	0.0952	0.00167
27/06/16	0.0034	0.0116	552	8.96	2.24	0.0827	0.00162	
<b>HAD-3</b>	04/04/16	0.0023	0.0081	504	8.06	4	0.517	0.00049
	11/04/16	<0.0020	0.0129	553	8.66	4.43	0.407	0.00042
	13/04/16	0.0024	0.0161	595	9	4.21	0.445	0.00044
	19/04/16	0.003	0.0089	559	8.83	3.65	0.487	0.0005
	05/05/16	0.0035	0.0058	542	8.95	2.63	0.573	0.00172

Printed Date: 28/07/2016



# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11a</b>	27/06/16	0.00087	0.0625	<0.00010	<0.000050	0.14	0.0000089	152
	29/06/16							
<b>E19</b>	04/04/16	0.00101	0.048	<0.00010	<0.000050	0.087	0.0000854	177
	11/04/16	0.00087	0.0498	<0.00010	<0.000050	0.082	<0.00010	187
	13/04/16	0.00084	0.0466	<0.00010	<0.000050	0.085	0.0000958	202
	19/04/16	0.001	0.0483	<0.00010	<0.000050	0.093	0.0000941	192
	25/04/16	0.00117	0.0483	<0.00010	<0.000050	0.125	0.0000877	195
	26/04/16	0.00098	0.0472	<0.00010	0.000052	0.115	0.0000823	182
	27/04/16	0.00091	0.0483	<0.00010	<0.000050	0.116	0.0000765	197
	28/04/16	0.00105	0.0502	<0.00010	<0.000050	0.119	0.0000704	193
	05/05/16	0.00107	0.0642	<0.00010	<0.000050	0.136	<0.000020	152
	10/05/16	0.00098	0.0593	<0.00010	<0.000050	0.15	<0.000010	155
	17/05/16	0.00088	0.0598	<0.00010	<0.000050	0.14	<0.000015	153
	24/05/16	0.00106	0.0662	<0.00010	<0.000050	0.137	<0.000010	154
	31/05/16	0.00102	0.0677	<0.00010	<0.000050	0.133	0.0000059	165
	07/06/16	0.00095	0.0648	<0.00010	<0.000050	0.139	0.0000062	154
	14/06/16	0.00095	0.0664	<0.00010	<0.000050	0.144	<0.000010	157
	20/06/16	0.00081	0.0648	<0.00010	<0.000050	0.139	<0.000015	149
27/06/16	0.00091	0.0615	<0.00010	<0.000050	0.143	0.0000056	152	
<b>HAD-3</b>	04/04/16	0.00043	0.0438	<0.00010	<0.000050	0.094	0.0000753	186
	11/04/16	0.00045	0.046	<0.00010	<0.000050	0.088	<0.00010	190
	13/04/16	0.00049	0.0466	<0.00010	<0.000050	0.102	0.0000883	201
	19/04/16	0.00053	0.0453	<0.00010	<0.000050	0.112	0.0000755	193
	05/05/16	0.00043	0.0594	<0.00010	<0.000050	0.147	<0.000020	151

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# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11a</b>	27/06/16	<0.00050	0.00014	0.00539	0.051	0.000055	0.0168	29.8
	29/06/16							
<b>E19</b>	04/04/16	0.00058	0.00064	0.0515	0.499	0.000218	0.005	31.4
	11/04/16	0.00067	0.0007	0.0494	0.474	0.000196	0.0049	33.4
	13/04/16	0.0006	0.00067	0.055	0.404	0.000177	0.0048	36.7
	19/04/16	<0.00050	0.00057	0.0422	0.366	0.000144	0.006	32.2
	25/04/16	0.00071	0.00061	0.0346	0.518	0.000229	0.0068	33
	26/04/16	<0.00050	0.00041	0.0254	0.155	0.00012	0.0056	32.8
	27/04/16	<0.00050	0.00039	0.0209	0.114	0.000073	0.0061	33.2
	28/04/16	0.00093	0.00061	0.0189	0.719	0.000337	0.0065	33
	05/05/16	<0.00050	0.00024	0.0103	0.119	0.000101	0.0171	30.8
	10/05/16	<0.00050	0.00018	0.00599	0.051	<0.000050	0.0193	30.1
	17/05/16	<0.00050	0.00015	0.00784	0.046	<0.000050	0.0166	30.1
	24/05/16	<0.00050	0.00022	0.00915	0.116	<0.000050	0.0169	30.5
	31/05/16	<0.00050	0.00021	0.00827	0.116	<0.000050	0.0177	31
	07/06/16	<0.00050	0.00015	0.00564	0.067	<0.000050	0.017	30.7
	14/06/16	<0.00050	0.00017	0.00626	0.084	<0.000050	0.0169	30.9
	20/06/16	<0.00050	0.00012	0.00377	0.044	<0.000050	0.0176	28.7
27/06/16	<0.00050	0.00013	0.0205	0.057	<0.000050	0.0167	29.8	
<b>HAD-3</b>	04/04/16	<0.00050	0.00034	0.0229	0.045	0.000516	0.0048	32.5
	11/04/16	<0.00050	0.00042	0.0144	<0.030	<0.000050	0.0046	33.8
	13/04/16	<0.00050	0.00047	0.0166	<0.030	<0.000050	0.0052	38.5
	19/04/16	<0.00050	0.00037	0.0132	<0.030	<0.000050	0.0057	32.7
	05/05/16	<0.00050	0.00015	0.00362	<0.030	0.000069	0.0172	30.8

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# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>E11a</b>	27/06/16	0.0427		0.168	0.00065	18.6	0.0343	3.74
	29/06/16							
<b>E19</b>	04/04/16	0.126		0.134	0.00136	4.38	0.0357	5.93
	11/04/16	0.112		0.135	0.00153	3.39	0.0448	5.6
	13/04/16	0.116		0.125	0.00157	3.51	0.0443	5.99
	19/04/16	0.126		0.13	0.00144	3.72	0.0418	5.63
	25/04/16	0.127		0.143	0.00146	3.87	0.0415	5.64
	26/04/16	0.117		0.14	0.00103	3.91	0.0373	4.88
	27/04/16	0.114		0.147	0.0009	4.08	0.0416	4.94
	28/04/16	0.116		0.144	0.00165	4.15	0.0396	5.31
	05/05/16	0.0471		0.182	0.00123	13.9	0.0365	3.9
	10/05/16	0.047		0.176	0.00063	14.9	0.037	3.77
	17/05/16	0.0419		0.183	0.0009	13.8	0.0354	3.77
	24/05/16	0.0466		0.179	0.00073	14.4	0.0359	4.05
	31/05/16	0.0442		0.164	0.00072	15.5	0.0379	4.15
	07/06/16	0.0391		0.179	0.0006	15.8	0.0375	4.04
	14/06/16	0.0399		0.188	0.00066	16.2	0.0353	4.02
	20/06/16	0.0413		0.171	0.00062	16.6	0.0357	3.79
27/06/16	0.0419		0.172	0.00066	18.2	0.0353	3.65	
<b>HAD-3</b>	04/04/16	0.12	<0.0000050	0.136	0.00158	4.49	0.0373	4.89
	11/04/16	0.102	<0.0000050	0.138	0.00097	3.36	0.0448	4.8
	13/04/16	0.109	<0.0000050	0.134	0.00113	3.27	0.049	5.29
	19/04/16	0.123	<0.0000050	0.139	0.001	3.98	0.0421	4.84
	05/05/16	0.0387	<0.0000050	0.171	0.00066	13.7	0.0371	3.48

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# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>E11a</b>	27/06/16	<0.000010	61.4	2.42	<0.000010	<0.00010	<0.010	0.00114
	29/06/16							
<b>E19</b>	04/04/16	0.000013	29.6	2.28	<0.000010	<0.00010	0.04	0.00195
	11/04/16	<0.000010	23.4	2.45	<0.000010	<0.00010	0.034	0.00196
	13/04/16	0.000014	23.8	2.54	<0.000010	<0.00010	0.03	0.00183
	19/04/16	<0.000010	29.5	2.43	<0.000010	<0.00010	0.031	0.00181
	25/04/16	<0.000010	31.7	2.62	<0.000010	<0.00010	0.039	0.00208
	26/04/16	<0.000010	31.8	2.54	<0.000010	<0.00010	0.02	0.00186
	27/04/16	<0.000010	33	2.69	<0.000010	<0.00010	0.026	0.00176
	28/04/16	0.000049	32	2.62	0.000023	<0.00010	0.033	0.00173
	05/05/16	<0.000010	57.6	2.71	<0.000010	<0.00010	0.021	0.00138
	10/05/16	<0.000010	58.2	2.71	<0.000010	<0.00010	0.022	0.00143
	17/05/16	<0.000010	57.5	2.64	<0.000010	<0.00010	0.014	0.00139
	24/05/16	<0.000010	56.8	2.64	<0.000010	<0.00010	0.018	0.00138
	31/05/16	<0.000010	58	2.42	<0.000010	<0.00010	0.014	0.00125
	07/06/16	<0.000010	56	2.61	<0.000010	<0.00010	0.028	0.00124
	14/06/16	<0.000010	60	2.73	<0.000010	<0.00010	0.016	0.00123
	20/06/16	<0.000010	59.5	2.53	<0.000010	<0.00010	<0.010	0.0012
27/06/16	<0.000010	61	2.45	<0.000010	<0.00010	<0.010	0.00116	
<b>HAD-3</b>	04/04/16	<0.000010	31.4	2.33	<0.000010	0.00021	0.017	0.00144
	11/04/16	<0.000010	23.9	2.46	<0.000010	<0.00010	0.018	0.00163
	13/04/16	<0.000010	23.4	2.61	<0.000010	<0.00010	0.015	0.00153
	19/04/16	<0.000010	31.3	2.64	<0.000010	<0.00010	0.017	0.00166
	05/05/16	<0.000010	57.3	2.68	<0.000010	<0.00010	0.012	0.000566

Printed Date: 28/07/2016

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>E11a</b>	27/06/16	0.00109	<0.0030	0.0281	0.00161	0.00087	0.0619	<0.00010
	29/06/16							
<b>E19</b>	04/04/16	0.00208	0.011	0.0264	0.00044	0.00082	0.0446	<0.00010
	11/04/16	0.00187	0.0095	0.0468	0.00043	0.00069	0.0464	<0.00010
	13/04/16	0.00171	0.0102	0.0315	0.00042	0.00072	0.0423	<0.00010
	19/04/16	0.00187	0.0093	0.0193	0.00044	0.00097	0.0485	<0.00010
	25/04/16	0.00219	0.0104	0.0621	0.00051	0.00093	0.0456	<0.00010
	26/04/16	0.0013	0.0106	0.109	0.0005	0.00096	0.0479	<0.00010
	27/04/16	0.00121	0.0099	0.116	0.00052	0.0009	0.0473	<0.00010
	28/04/16	0.00207	0.0106	0.104	0.00056	0.00086	0.0499	<0.00010
	05/05/16	0.00125	<0.0030	0.0223	0.00166	0.00092	0.0616	<0.00010
	10/05/16	0.00093	<0.0030	0.0216	0.00153	0.00084	0.0574	<0.00010
	17/05/16	0.00077	<0.0030	0.023	0.00165	0.0009	0.061	<0.00010
	24/05/16	0.00123	<0.0030	0.0229	0.00169	0.00095	0.0652	<0.00010
	31/05/16	0.0013	<0.0030	0.0302	0.0017	0.00091	0.0636	<0.00010
	07/06/16	0.00118	<0.0030	0.0308	0.0017	0.00089	0.0616	<0.00010
	14/06/16	0.00147	<0.0030	0.0298	0.00164	0.00082	0.0643	<0.00010
	20/06/16	0.00112	<0.0030	0.0281	0.00166	0.00083	0.0642	<0.00010
27/06/16	0.00117	<0.0030	0.0264	0.00161	0.00085	0.0618	<0.00010	
<b>HAD-3</b>	04/04/16	0.00087	0.0125	0.0826	0.00044	0.00032	0.0434	<0.00010
	11/04/16	0.00081	0.0047	0.091	0.00041	0.00041	0.0461	<0.00010
	13/04/16	0.00086	0.0064	0.0792	0.00043	0.00036	0.0455	<0.00010
	19/04/16	0.00097	0.0061	0.0723	0.00051	0.00041	0.0452	<0.00010
	05/05/16	0.00174	<0.0030	0.0945	0.00165	0.00046	0.0591	<0.00010

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# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>E11a</b>	27/06/16	<0.000050	0.134	0.0000079	158	<0.00050	<0.00010	0.00166
	29/06/16							
<b>E19</b>	04/04/16	<0.000050	0.085	0.0000737	186	<0.00050	0.00034	0.0309
	11/04/16	<0.000050	0.079	<0.00010	198	<0.00050	0.00042	0.0347
	13/04/16	<0.000050	0.084	0.0000721	207	<0.00050	0.00044	0.0388
	19/04/16	<0.000050	0.093	0.000087	205	<0.00050	0.00033	0.0283
	25/04/16	<0.000050	0.118	0.000082	207	<0.00050	0.00031	0.0224
	26/04/16	<0.000050	0.125	0.0000894	198	<0.00050	0.0003	0.0176
	27/04/16	<0.000050	0.102	0.0000794	202	<0.00050	0.00029	0.0142
	28/04/16	<0.000050	0.118	0.0000791	199	<0.00050	0.00027	0.0113
	05/05/16	<0.000050	0.128	<0.000015	154	<0.00050	0.00015	0.00281
	10/05/16	<0.000050	0.136	<0.000010	160	<0.00050	0.00014	0.00259
	17/05/16	<0.000050	0.126	<0.000010	155	<0.00050	0.00012	0.00208
	24/05/16	<0.000050	0.129	<0.000010	157	<0.00050	0.00012	0.00215
	31/05/16	<0.000050	0.127	<0.0000050	169	<0.00050	0.00011	0.00246
	07/06/16	<0.000050	0.132	0.0000069	155	<0.00050	<0.00010	0.0017
	14/06/16	<0.000050	0.134	<0.0000050	157	<0.00050	<0.00010	0.00185
	20/06/16	<0.000050	0.131	<0.000015	155	<0.00050	<0.00010	0.00164
27/06/16	<0.000050	0.133	0.000007	159	<0.00050	<0.00010	0.00155	
<b>HAD-3</b>	04/04/16	<0.000050	0.085	0.0000708	185	<0.00050	0.00032	0.00939
	11/04/16	<0.000050	0.083	<0.00010	199	<0.00050	0.00041	0.0109
	13/04/16	<0.000050	0.091	0.0000851	208	<0.00050	0.00045	0.0117
	19/04/16	<0.000050	0.107	0.0000802	205	<0.00050	0.00035	0.00925
	05/05/16	<0.000050	0.142	<0.000020	152	<0.00050	0.00014	0.00166

Printed Date: 28/07/2016

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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-Molybdenum (Mo) (mg/L)	Diss-Nickel (Ni) (mg/L)
<b>E11a</b>	27/06/16	<0.030	0.000054	0.0162	30.6	0.0346	0.166	0.00074
	29/06/16							
<b>E19</b>	04/04/16	<0.030	0.000053	0.0047	31.6	0.12	0.134	0.00096
	11/04/16	<0.030	<0.000050	0.0047	35.1	0.101	0.13	0.00094
	13/04/16	<0.030	<0.000050	0.0047	36.9	0.104	0.118	0.00113
	19/04/16	<0.030	<0.000050	0.0056	34.3	0.11	0.131	0.00086
	25/04/16	<0.030	<0.000050	0.0063	33.5	0.112	0.143	0.00079
	26/04/16	<0.030	<0.000050	0.0061	34.2	0.113	0.134	0.00083
	27/04/16	<0.030	<0.000050	0.006	33.1	0.107	0.139	0.00074
	28/04/16	<0.030	<0.000050	0.0062	33.7	0.101	0.144	0.00068
	05/05/16	<0.030	<0.000050	0.0167	30.4	0.0417	0.171	0.00105
	10/05/16	<0.030	<0.000050	0.0164	30.8	0.0425	0.156	0.00062
	17/05/16	<0.030	<0.000050	0.0165	30.7	0.038	0.164	0.00066
	24/05/16	<0.030	<0.000050	0.0168	30.2	0.0398	0.172	0.00063
	31/05/16	<0.030	<0.000050	0.0177	30.8	0.0402	0.155	0.00063
	07/06/16	<0.030	<0.000050	0.0165	30.3	0.0295	0.174	0.00055
	14/06/16	<0.030	<0.000050	0.016	30.5	0.0358	0.18	0.00054
	20/06/16	<0.030	<0.000050	0.0171	29.4	0.0368	0.164	0.00058
27/06/16	<0.030	<0.000050	0.0163	30.5	0.0346	0.167	0.00063	
<b>HAD-3</b>	04/04/16	<0.030	<0.000050	0.0048	31.4	0.118	0.131	0.00096
	11/04/16	<0.030	<0.000050	0.0048	35	0.102	0.132	0.00086
	13/04/16	<0.030	<0.000050	0.0051	36.8	0.106	0.127	0.001
	19/04/16	0.06	<0.000050	0.0056	34.5	0.12	0.138	0.00093
	05/05/16	<0.030	<0.000050	0.0174	30.4	0.0393	0.169	0.00064

Printed Date: 28/07/2016

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11a</b>	27/06/16	18.1	0.0363	3.66	<0.000010	60.7	2.41	<0.000010
	29/06/16							
<b>E19</b>	04/04/16	4.59	0.0361	5	<0.000010	31.6	2.3	<0.000010
	11/04/16	3.39	0.0464	5.07	<0.000010	24	2.42	<0.000010
	13/04/16	3.41	0.0438	5.33	<0.000010	23.5	2.51	<0.000010
	19/04/16	3.57	0.0428	5.11	<0.000010	27.7	2.5	<0.000010
	25/04/16	3.83	0.0427	5.06	<0.000010	31.9	2.62	<0.000010
	26/04/16	4.15	0.042	4.81	<0.000010	33.5	2.54	<0.000010
	27/04/16	4.07	0.0431	4.72	<0.000010	32.2	2.63	<0.000010
	28/04/16	4.19	0.0432	4.49	<0.000010	32.1	2.64	<0.000010
	05/05/16	14	0.0376	3.56	<0.000010	58.1	2.63	<0.000010
	10/05/16	13.9	0.0388	3.74	<0.000010	54.9	2.46	<0.000010
	17/05/16	14.4	0.0352	3.65	<0.000010	57.5	2.5	<0.000010
	24/05/16	14.4	0.0349	3.61	<0.000010	54.5	2.58	<0.000010
	31/05/16	15	0.0384	3.73	<0.000010	55.7	2.37	<0.000010
	07/06/16	16	0.0387	3.78	<0.000010	54.5	2.53	<0.000010
	14/06/16	15.8	0.035	3.66	<0.000010	57.4	2.61	<0.000010
	20/06/16	16.7	0.0377	3.67	<0.000010	59	2.49	<0.000010
27/06/16	18	0.0357	3.71	<0.000010	59.9	2.43	<0.000010	
<b>HAD-3</b>	04/04/16	4.56	0.0348	4.8	<0.000010	30.6	2.25	<0.000010
	11/04/16	3.46	0.0459	4.9	<0.000010	24.5	2.46	<0.000010
	13/04/16	3.28	0.0489	5.23	<0.000010	22.9	2.56	<0.000010
	19/04/16	3.95	0.0448	4.98	<0.000010	30.9	2.67	<0.000010
	05/05/16	14.2	0.0368	3.41	<0.000010	58.6	2.66	<0.000010

Printed Date: 28/07/2016



# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>E11a</b>	27/06/16	<0.00010	<0.010	0.00113	0.00092	<0.0030
	29/06/16					
<b>E19</b>	04/04/16	<0.00010	0.016	0.00198	0.00087	0.0095
	11/04/16	<0.00010	0.018	0.00189	0.00074	0.0067
	13/04/16	<0.00010	0.014	0.00168	0.00075	0.0076
	19/04/16	<0.00010	0.016	0.0018	0.0009	0.0074
	25/04/16	<0.00010	0.022	0.00203	0.00093	0.0076
	26/04/16	<0.00010	0.014	0.00177	0.00094	0.0092
	27/04/16	<0.00010	0.023	0.00169	0.00085	0.0088
	28/04/16	<0.00010	0.013	0.00166	0.00082	0.0072
	05/05/16	<0.00010	0.012	0.00132	0.00075	<0.0030
	10/05/16	<0.00010	0.018	0.00121	0.00066	<0.0030
	17/05/16	<0.00010	0.011	0.0013	0.00065	<0.0030
	24/05/16	<0.00010	<0.010	0.00134	0.0007	<0.0030
	31/05/16	<0.00010	<0.010	0.0012	0.00076	<0.0030
	07/06/16	<0.00010	0.024	0.00122	0.00084	<0.0030
	14/06/16	<0.00010	<0.010	0.00116	0.00087	<0.0030
	20/06/16	<0.00010	<0.010	0.0012	0.00084	<0.0030
27/06/16	<0.00010	<0.010	0.00112	0.00089	<0.0030	
<b>HAD-3</b>	04/04/16	<0.00010	0.016	0.00134	0.00072	0.0068
	11/04/16	<0.00010	0.018	0.00157	0.00065	0.0037
	13/04/16	<0.00010	0.015	0.00143	0.00069	0.0051
	19/04/16	<0.00010	0.016	0.00162	0.00081	0.0056
	05/05/16	<0.00010	0.012	0.000469	0.00075	<0.0030

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# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>HAD-3</b>	10/05/16	1190	527	7.48	891	4.5	0.61	41.2
	17/05/16	1170	490	7.4	903	9.1	0.88	40.9
	24/05/16	1170	508	7.4	920	16.5	1.59	41.3
	31/05/16	1210	530	7.64	880	3.8	0.55	42.2
	07/06/16	1180	504	7.45	826	1.9	0.73	42.5
	14/06/16	1210	517	7.61	909	5.9	0.82	42.6
	20/06/16	1200	514	8.05	925	2.9	1.36	50.9
	23/06/16	1190	509	8	930	3.6	1.98	49.6
	27/06/16	1200	534	7.98	946	1.3	0.94	47.9
	29/06/16	1180	518	7.98	928	1.1	1.63	49.1

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAD-3</b>	10/05/16	0.146	19	0.452	8.66	8.73	0.0629	<0.0010
	17/05/16	0.111	18.2	0.42	8.51	8.57	0.0621	<0.0010
	24/05/16	0.132	19.5	0.46	8.75	8.82	0.0618	<0.0010
	31/05/16	0.126	20.3	0.49	8.55	8.61	0.0649	<0.0010
	07/06/16	0.105	19	0.5	8.8	8.87	0.0712	<0.0010
	14/06/16	0.168	19.7	0.51	9.01	9.08	0.0715	<0.0010
	20/06/16	0.169	12.5	0.65	8.73	8.82	0.0891	0.0039
	23/06/16	0.188	12	0.63	8.57	8.66	0.0944	0.0042
	27/06/16	0.171	12.3	0.65	8.84	8.93	0.0958	0.0016
	29/06/16	0.177	12.8	0.67	9.03	9.13	0.0974	<0.0010

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAD-3</b>	10/05/16	<0.0020	0.003	524	8.97	2.27	0.549	0.00173
	17/05/16	<0.0020	0.007	528	8.81	2.36	0.624	0.00149
	24/05/16	<0.0020	0.0063	545	9.21	2.38	1.16	0.00171
	31/05/16	<0.0020	0.0053	539	9.07	2.29	0.551	0.00173
	07/06/16	0.0026	0.005	551	9.02	2.48	0.501	0.00168
	14/06/16	0.0026	0.0041	566	8.96	2.24	0.61	0.00169
	20/06/16	0.0074	0.0135	550	9.04	2.74	0.118	0.00159
	23/06/16	0.0061	0.0165	537	9.24	2.25	0.191	0.00178
	27/06/16	0.0057	0.0121	551	9.1	2.32	0.102	0.00162
	29/06/16	0.0039	0.0151	559	8.91	2.59	0.117	0.00181

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAD-3</b>	10/05/16	0.00049	0.0571	<0.00010	<0.000050	0.159	<0.000010	161
	17/05/16	0.00044	0.0589	<0.00010	<0.000050	0.136	<0.000020	155
	24/05/16	0.0006	0.0645	<0.00010	<0.000050	0.156	0.0000085	152
	31/05/16	0.00047	0.0648	<0.00010	<0.000050	0.148	0.0000061	165
	07/06/16	0.00049	0.0588	<0.00010	<0.000050	0.136	0.0000088	152
	14/06/16	0.00052	0.0662	<0.00010	<0.000050	0.153	<0.000015	157
	20/06/16	0.00096	0.0666	<0.00010	<0.000050	0.134	<0.000010	156
	23/06/16	0.00096	0.0621	<0.00010	<0.000050	0.141	<0.000015	152
	27/06/16	0.00089	0.0626	<0.00010	<0.000050	0.146	<0.000010	167
	29/06/16	0.00085	0.0635	<0.00010	0.000078	0.148	0.000007	156

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAD-3</b>	10/05/16	<0.00050	0.00015	0.0024	<0.030	<0.000050	0.0188	31.6
	17/05/16	<0.00050	0.00012	0.00217	<0.030	0.000069	0.0154	30.5
	24/05/16	<0.00050	0.00013	0.00305	0.032	<0.000050	0.0181	30.2
	31/05/16	<0.00050	0.00011	0.0019	<0.030	<0.000050	0.0184	30.8
	07/06/16	<0.00050	<0.00010	0.00168	<0.030	<0.000050	0.0161	30.1
	14/06/16	<0.00050	0.00011	0.00205	<0.030	<0.000050	0.017	30.7
	20/06/16	<0.00050	0.00013	0.00421	0.056	<0.000050	0.0146	30.1
	23/06/16	<0.00050	0.0002	0.00519	0.112	<0.000050	0.0151	29.8
	27/06/16	<0.00050	0.00014	0.0151	0.066	<0.000050	0.0174	32.3
	29/06/16	<0.00050	0.00015	0.00612	0.074	<0.000050	0.017	29.7

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>HAD-3</b>	10/05/16	0.0461	<0.000050	0.178	0.00059	15	0.0376	3.81
	17/05/16	0.0389	<0.000050	0.168	0.00065	13.9	0.0356	3.58
	24/05/16	0.0427	<0.000050	0.177	0.00067	15.2	0.0358	3.61
	31/05/16	0.0407	<0.000050	0.171	0.00063	15.4	0.0384	3.66
	07/06/16	0.0301	<0.000050	0.172	0.00056	15.7	0.0334	3.65
	14/06/16	0.0386	<0.000050	0.186	0.00065	16.6	0.036	3.64
	20/06/16	0.0432	<0.000050	0.157	0.00075	18.1	0.0368	3.88
	23/06/16	0.0495		0.181	0.00074	16.7	0.0376	4.04
	27/06/16	0.0422	<0.000050	0.174	0.00072	16.9	0.0359	4.13
	29/06/16	0.0414		0.174	0.00071	16.9	0.0356	3.81

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>HAD-3</b>	10/05/16	<0.000010	58.8	2.75	<0.000010	<0.00010	0.019	0.00074
	17/05/16	<0.000010	57.6	2.45	<0.000010	<0.00010	0.012	0.000717
	24/05/16	<0.000010	58.4	2.56	<0.000010	<0.00010	<0.010	0.000808
	31/05/16	<0.000010	57.2	2.52	<0.000010	<0.00010	<0.010	0.000601
	07/06/16	<0.000010	57.7	2.56	<0.000010	<0.00010	0.024	0.000742
	14/06/16	<0.000010	60.4	2.69	<0.000010	<0.00010	<0.010	0.0007
	20/06/16	<0.000010	62.5	2.31	0.000013	0.00011	0.01	0.00113
	23/06/16	<0.000010	60.4	2.64	<0.000010	<0.00010	0.017	0.00127
	27/06/16	0.000011	63	2.68	<0.000010	<0.00010	<0.010	0.00117
	29/06/16	<0.000010	60.1	2.58	0.000014	<0.00010	<0.010	0.00123



# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>HAD-3</b>	10/05/16	0.0007	<0.0030	0.0481	0.00167	0.00034	0.0578	<0.00010
	17/05/16	0.00059	<0.0030	0.0744	0.00147	0.00034	0.0576	<0.00010
	24/05/16	0.00085	<0.0030	0.0809	0.00162	0.00037	0.0634	<0.00010
	31/05/16	0.0008	<0.0030	0.0651	0.0017	0.00035	0.0618	<0.00010
	07/06/16	0.00075	<0.0030	0.0773	0.00165	0.00043	0.0599	<0.00010
	14/06/16	0.00104	<0.0030	0.24	0.00166	0.00041	0.064	<0.00010
	20/06/16	0.00125	<0.0030	0.0306	0.00172	0.00087	0.0644	<0.00010
	23/06/16	0.00133	<0.0030	0.0271	0.0017	0.00087	0.0601	<0.00010
	27/06/16	0.00117	<0.0030	0.0276	0.00159	0.00088	0.0622	<0.00010
	29/06/16	0.00105	<0.0030	0.0264	0.0017	0.00078	0.062	<0.00010

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)
<b>HAD-3</b>	10/05/16	<0.000050	0.143	<0.000010	161	<0.00050	0.00014	0.00181
	17/05/16	<0.000050	0.128	<0.000010	147	<0.00050	0.0001	0.00121
	24/05/16	<0.000050	0.14	0.0000085	154	<0.00050	0.00012	0.00141
	31/05/16	<0.000050	0.134	<0.0000050	162	<0.00050	0.00011	0.00129
	07/06/16	<0.000050	0.126	0.0000053	153	<0.00050	<0.00010	0.00122
	14/06/16	<0.000050	0.138	<0.000010	156	<0.00050	<0.00010	0.00107
	20/06/16	<0.000050	0.139	<0.000015	157	<0.00050	<0.00010	0.00157
	23/06/16	<0.000050	0.137	<0.000010	154	<0.00050	0.0001	0.00146
	27/06/16	<0.000050	0.14	<0.000010	163	<0.00050	<0.00010	0.00154
	29/06/16	<0.000050	0.137	0.0000061	158	<0.00050	<0.00010	0.00187

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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-Molybdenum (Mo) (mg/L)	Diss-Nickel (Ni) (mg/L)
<b>HAD-3</b>	10/05/16	<0.030	<0.000050	0.0186	30.5	0.0448	0.164	0.00051
	17/05/16	<0.030	<0.000050	0.0154	29.6	0.0372	0.166	0.00076
	24/05/16	<0.030	<0.000050	0.0177	29.9	0.0403	0.173	0.00072
	31/05/16	<0.030	<0.000050	0.0175	30.2	0.0395	0.169	0.00069
	07/06/16	<0.030	<0.000050	0.0153	29.9	0.0296	0.169	0.00069
	14/06/16	<0.030	<0.000050	0.0164	31	0.0347	0.182	0.00051
	20/06/16	<0.030	<0.000050	0.0159	29.9	0.0371	0.164	0.00059
	23/06/16	<0.030	<0.000050	0.0153	30.1	0.0438	0.175	0.00065
	27/06/16	<0.030	<0.000050	0.0168	30.9	0.0341	0.162	0.0006
	29/06/16	<0.030	<0.000050	0.016	30.3	0.0323	0.164	0.00066

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAD-3</b>	10/05/16	14.7	0.0384	3.7	<0.000010	57.5	2.65	<0.000010
	17/05/16	13.5	0.0341	3.33	<0.000010	56.3	2.43	<0.000010
	24/05/16	14.8	0.0362	3.36	<0.000010	56.1	2.51	<0.000010
	31/05/16	14.9	0.0371	3.51	<0.000010	55.3	2.51	<0.000010
	07/06/16	15.5	0.0339	3.55	<0.000010	56	2.53	<0.000010
	14/06/16	15.6	0.0349	3.61	<0.000010	55.4	2.64	<0.000010
	20/06/16	17.4	0.0384	3.67	<0.000010	60.1	2.51	<0.000010
	23/06/16	16.7	0.0383	3.67	<0.000010	59	2.6	<0.000010
	27/06/16	16.7	0.0335	3.8	<0.000010	58.2	2.54	<0.000010
	29/06/16	16.7	0.0357	3.64	<0.000010	59.5	2.5	<0.000010

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAD-3</b>	10/05/16	<0.00010	0.019	0.000583	0.00057	<0.0030
	17/05/16	<0.00010	0.011	0.000632	<0.00050	<0.0030
	24/05/16	<0.00010	<0.010	0.000615	0.00053	<0.0030
	31/05/16	<0.00010	<0.010	0.000518	0.00061	<0.0030
	07/06/16	<0.00010	0.024	0.000696	0.00067	<0.0030
	14/06/16	<0.00010	<0.010	0.000627	0.00073	<0.0030
	20/06/16	<0.00010	<0.010	0.00118	0.00088	<0.0030
	23/06/16	<0.00010	<0.010	0.00123	0.00088	<0.0030
	27/06/16	<0.00010	<0.010	0.00111	0.00086	<0.0030
	29/06/16	<0.00010	<0.010	0.00118	0.00089	<0.0030

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>HAC-05a</b>	04/04/16	892	437	7.96	623	43.1	26.9	104
	05/05/16	909	389	7.88	644	4	1.74	65.7
	07/06/16	907	389	7.85	642	3	1.04	68.7
<b>HAC-08</b>	04/04/16	561	267	8.03	411	245	67.5	81.1
	05/05/16	820	360	8.1	583	7.1	1.43	85.8
	07/06/16	918	399	8.02	622	4.7	1.05	76.4
<b>HAC-10</b>	04/04/16	233	107	8	171	2.7	2.72	81.6
	05/05/16	278	131	8.13	183	5.6	3.47	97.2
	07/06/16	279	128	8.05	185	2.7	1.84	96.7
<b>HAC-12</b>	04/04/16	580	278	8.01	406	43.4	31.8	89.2
	11/04/16	522	252	8.1	332	10.4	4.05	95.5
	13/04/16	599	300	8	442	8.7	4.42	99.3
	19/04/16	623	305	7.99	448	8.5	2.82	106
	25/04/16	327	157	8.18	212	9.2	6.39	112
	05/05/16	803	355	7.99	555	2.4	1.77	92.3
	10/05/16	874	386	7.97	630	1.4	1	86.7
	17/05/16	898	380	8.13	650	1.5	0.83	85.1
	24/05/16	861	378	7.95	631	3.2	1.02	83.2
	31/05/16	773	354	8.06	548	1.4	1.32	84
	07/06/16	906	401	7.9	619	1.8	0.63	80.5
	14/06/16	1010	439	7.99	776	2.8	1.45	78.6
	20/06/16	957	421	8.06	735	4.3	2.01	77.5

Printed Date: 28/07/2016

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	0.0393	9.3	0.18	4.34	4.35	0.0071	0.0028
	05/05/16	0.0962	14.2	0.32	5.73	5.77	0.0413	0.001
	07/06/16	0.0591	12.9	0.39	5.81	5.86	0.047	<0.0010
<b>HAC-08</b>	04/04/16	0.0134	5.04	0.134	2.36	2.36	0.0044	0.0017
	05/05/16	0.0352	11.7	0.29	4.79	4.82	0.0325	0.0012
	07/06/16	0.0539	12.9	0.35	5.74	5.79	0.0451	0.0012
<b>HAC-10</b>	04/04/16	0.0074	0.96	0.073	0.0508	0.0508	<0.0010	<0.0010
	05/05/16	0.0057	1.34	0.096	<0.0050	<0.0051	<0.0010	0.0021
	07/06/16	0.0066	1.29	0.089	<0.0050	<0.0051	<0.0010	0.0014
<b>HAC-12</b>	04/04/16	0.0115	5.17	0.132	2.42	2.43	0.0051	0.0017
	11/04/16	0.0098	3.81	0.123	1.98	1.99	0.0039	0.0015
	13/04/16	0.0084	4.69	0.148	2.56	2.56	0.005	0.0013
	19/04/16	0.0091	5.14	0.156	2.52	2.53	0.0067	0.0027
	25/04/16	<0.0050	1.34	0.091	0.006	0.006	<0.0010	0.0016
	05/05/16	0.0443	10.8	0.27	4.37	4.4	0.0313	0.0015
	10/05/16	0.0551	11.8	0.31	5.1	5.13	0.0317	<0.0010
	17/05/16	0.038	12.4	0.32	5.53	5.57	0.0377	<0.0010
	24/05/16	0.0483	11.5	0.29	5.09	5.13	0.0342	<0.0010
	31/05/16	0.0474	10.5	0.28	4.07	4.1	0.0325	<0.0010
	07/06/16	0.0624	12.4	0.34	5.52	5.56	0.0454	0.001
	14/06/16	0.102	14.7	0.38	6.63	6.68	0.0469	<0.0010
	20/06/16	0.0592	9.2	0.47	6.12	6.18	0.0564	<0.0010

Printed Date: 28/07/2016

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	0.0073	0.0613	331	4.57	10.7	1.81	0.00034
	05/05/16	0.0028	0.0127	375	6.03	3.78	0.392	0.00111
	07/06/16	0.0031	0.0125	382	6.06	3.34	0.381	0.00118
<b>HAC-08</b>	04/04/16	0.0079	0.314	182	2.77	13.5	5.15	0.00034
	05/05/16	0.0036	0.0208	324	5.06	4.23	0.297	0.00089
	07/06/16	0.0035	0.015	380	6	3.74	0.312	0.00113
<b>HAC-10</b>	04/04/16	0.009	0.0357	36	0.537	10.9	0.147	0.00015
	05/05/16	0.0076	0.0274	46.9	0.358	6.17	0.231	0.00013
	07/06/16	0.0061	0.012	45.7	0.334	5.75	0.117	0.00014
<b>HAC-12</b>	04/04/16	0.0074	0.0421	184	2.82	13.3	1.29	0.00026
	11/04/16	0.0064	0.0269	157	2.35	9.4	0.443	0.0002
	13/04/16	0.0052	0.0233	191	2.84	8.01	0.313	0.0002
	19/04/16	0.0067	0.0181	201	2.82	5.99	0.203	0.00023
	25/04/16	0.0065	0.0272	52.2	0.388	7.16	0.357	0.00015
	05/05/16	0.0047	0.0121	303	4.66	4.53	0.176	0.00082
	10/05/16	<0.0020	0.0106	346	5.36	3.6	0.173	0.001
	17/05/16	<0.0020	0.0076	368	5.32	3.67	0.213	0.00112
	24/05/16	0.0036	0.0083	342	5.49	3.71	0.356	0.00104
	31/05/16	0.002	0.0085	286	4.44	4.23	0.262	0.0009
	07/06/16	0.0036	0.0073	369	5.8	3.44	0.197	0.0011
	14/06/16	0.003	0.0092	439	6.58	3.69	0.279	0.00121
	20/06/16	0.0054	0.0189	407	6.23	3.69	0.156	0.00117

Printed Date: 28/07/2016



# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	0.00123	0.0573	<0.00010	<0.000050	0.053	0.0000679	131
	05/05/16	0.00064	0.0474	<0.00010	<0.000050	0.107	0.0000108	118
	07/06/16	0.00077	0.0491	<0.00010	<0.000050	0.109	0.0000052	116
<b>HAC-08</b>	04/04/16	0.00718	0.0967	0.00018	<0.000050	0.037	0.000128	83.9
	05/05/16	0.00086	0.0533	<0.00010	<0.000050	0.092	0.0000124	110
	07/06/16	0.00083	0.0563	<0.00010	<0.000050	0.103	0.0000117	120
<b>HAC-10</b>	04/04/16	0.00113	0.0132	<0.00010	<0.000050	0.019	0.0000077	33.4
	05/05/16	0.00101	0.0163	<0.00010	<0.000050	0.028	<0.0000050	43.3
	07/06/16	0.00092	0.0143	<0.00010	<0.000050	0.03	<0.0000050	41.4
<b>HAC-12</b>	04/04/16	0.00107	0.0432	<0.00010	<0.000050	0.034	0.0000498	80.3
	11/04/16	0.00089	0.0355	<0.00010	<0.000050	0.034	0.0000263	76.3
	13/04/16	0.00075	0.0298	<0.00010	<0.000050	0.036	0.0000192	86.2
	19/04/16	0.00077	0.0322	<0.00010	<0.000050	0.045	0.0000315	91.9
	25/04/16	0.00114	0.0245	<0.00010	<0.000050	0.029	0.000018	49.1
	05/05/16	0.00075	0.0526	<0.00010	<0.000050	0.078	0.0000147	109
	10/05/16	0.0007	0.0548	<0.00010	0.000084	0.106	0.0000176	119
	17/05/16	0.00071	0.052	<0.00010	<0.000050	0.103	0.0000199	117
	24/05/16	0.00078	0.0519	<0.00010	<0.000050	0.099	<0.000015	114
	31/05/16	0.00081	0.0459	<0.00010	<0.000050	0.082	0.0000121	109
	07/06/16	0.00076	0.0573	<0.00010	<0.000050	0.103	0.0000127	118
	14/06/16	0.00068	0.0647	<0.00010	<0.000050	0.111	<0.000020	134
	20/06/16	0.00096	0.061	<0.00010	<0.000050	0.107	<0.000015	127

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# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	0.00145	0.00155	0.0759	1.71	0.000543	0.004	23.1
	05/05/16	<0.00050	0.00018	0.0061	0.098	<0.000050	0.011	21.9
	07/06/16	<0.00050	0.00011	0.0046	0.064	<0.000050	0.0113	22.2
<b>HAC-08</b>	04/04/16	0.00768	0.00492	0.117	7.06	0.00287	0.0071	16.8
	05/05/16	<0.00050	0.00022	0.00982	0.203	0.000081	0.0087	20.5
	07/06/16	<0.00050	0.00015	0.00622	0.161	0.000052	0.0104	23.1
<b>HAC-10</b>	04/04/16	<0.00050	0.00012	0.00903	0.154	0.000065	<0.0010	4.8
	05/05/16	<0.00050	0.00019	0.0108	0.213	0.000209	<0.0010	5.9
	07/06/16	<0.00050	<0.00010	0.00649	0.114	<0.000050	<0.0010	5.75
<b>HAC-12</b>	04/04/16	0.00254	0.00105	0.0282	1.82	0.00056	0.0029	14.9
	11/04/16	0.00075	0.00046	0.0242	0.518	0.000173	0.0019	13.4
	13/04/16	0.00053	0.00032	0.0159	0.347	0.000095	0.002	15.3
	19/04/16	<0.00050	0.00024	0.0116	0.207	0.000067	0.0023	15.2
	25/04/16	0.00062	0.00035	0.016	0.483	0.000162	0.0019	7.8
	05/05/16	<0.00050	0.00017	0.00823	0.117	<0.000050	0.0086	20.3
	10/05/16	<0.00050	0.00015	0.00549	0.071	<0.000050	0.0104	22.5
	17/05/16	<0.00050	0.00013	0.00529	0.065	<0.000050	0.0109	22.1
	24/05/16	<0.00050	0.00015	0.00576	0.097	<0.000050	0.0101	21.6
	31/05/16	<0.00050	0.00012	0.00551	0.084	<0.000050	0.0082	19.5
	07/06/16	<0.00050	0.00011	0.00492	0.068	<0.000050	0.011	22.8
	14/06/16	<0.00050	0.00018	0.00586	0.131	<0.000050	0.012	25.7
	20/06/16	<0.00050	0.00015	0.00672	0.147	<0.000050	0.0122	23.5

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# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	0.344	0.0742	0.00228	3.79	0.0196	7.56	0.000027
	05/05/16	0.0707	0.118	<0.00050	9.67	0.0241	3.6	<0.000010
	07/06/16	0.0466	0.12	0.00054	10.9	0.0241	3.48	<0.000010
<b>HAC-08</b>	04/04/16	0.339	0.0468	0.00964	3.14	0.0104	13.7	0.000063
	05/05/16	0.0714	0.0964	<0.00050	7.85	0.02	3.99	<0.000010
	07/06/16	0.0472	0.115	0.0006	10.4	0.0242	3.91	<0.000010
<b>HAC-10</b>	04/04/16	0.0295	0.00709	0.00065	1.14	0.000605	3.07	<0.000010
	05/05/16	0.0526	0.0102	0.00081	1.46	0.000759	3.14	<0.000010
	07/06/16	0.023	0.0101	<0.00050	1.4	0.000767	2.51	<0.000010
<b>HAC-12</b>	04/04/16	0.216	0.0443	0.00301	2.29	0.0105	6.6	0.000019
	11/04/16	0.153	0.0378	0.00127	1.78	0.0104	4.6	0.000012
	13/04/16	0.127	0.0391	0.00096	1.9	0.0114	4.37	<0.000010
	19/04/16	0.12	0.0427	0.00073	1.86	0.0128	4.04	<0.000010
	25/04/16	0.114	0.0108	0.00097	1.48	0.000785	4.25	<0.000010
	05/05/16	0.135	0.0915	0.0007	7	0.0176	3.98	<0.000010
	10/05/16	0.13	0.103	0.00068	8.55	0.0217	3.97	<0.000010
	17/05/16	0.0824	0.116	0.00057	8.5	0.0211	3.65	<0.000010
	24/05/16	0.0943	0.109	0.00062	8.24	0.0216	3.56	<0.000010
	31/05/16	0.0881	0.0879	<0.00050	8.15	0.0168	3.53	<0.000010
	07/06/16	0.0937	0.114	0.0005	10.4	0.023	3.72	<0.000010
	14/06/16	0.121	0.133	0.00073	11.9	0.0255	4.14	<0.000010
	20/06/16	0.078	0.123	0.00071	11.9	0.025	3.96	<0.000010

Printed Date: 28/07/2016

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	22.5	1.35	<0.000010	<0.00010	0.084	0.00114	0.00493
	05/05/16	39.6	1.84	<0.000010	<0.00010	0.015	0.000515	0.00112
	07/06/16	39.3	1.79	<0.000010	<0.00010	0.023	0.000622	0.0011
<b>HAC-08</b>	04/04/16	13	0.981	0.00006	0.00014	0.25	0.00119	0.0162
	05/05/16	34.9	1.57	<0.000010	<0.00010	0.018	0.000632	0.00139
	07/06/16	38.1	1.77	<0.000010	<0.00010	0.026	0.000659	0.00122
<b>HAC-10</b>	04/04/16	7.43	0.23	<0.000010	<0.00010	<0.010	0.00021	0.00098
	05/05/16	9.54	0.312	<0.000010	<0.00010	0.015	0.000281	0.00161
	07/06/16	8.85	0.304	<0.000010	<0.00010	0.013	0.000255	0.00128
<b>HAC-12</b>	04/04/16	12.9	0.854	0.000013	<0.00010	0.065	0.000934	0.00362
	11/04/16	11.1	0.8	<0.000010	<0.00010	0.027	0.000853	0.0017
	13/04/16	12.3	0.881	<0.000010	<0.00010	0.02	0.000775	0.0012
	19/04/16	13.2	0.976	<0.000010	<0.00010	0.017	0.000757	0.00109
	25/04/16	9.39	0.369	<0.000010	<0.00010	0.023	0.000554	0.00204
	05/05/16	31.1	1.5	<0.000010	<0.00010	0.014	0.0007	0.00105
	10/05/16	38.4	1.7	<0.000010	<0.00010	0.017	0.000712	0.00081
	17/05/16	39.2	1.82	<0.000010	<0.00010	0.012	0.0008	0.0008
	24/05/16	36.3	1.73	<0.000010	<0.00010	<0.010	0.00084	0.00086
	31/05/16	32.9	1.4	<0.000010	<0.00010	<0.010	0.0006	0.00083
	07/06/16	40.6	1.8	<0.000010	<0.00010	0.021	0.000733	0.00098
	14/06/16	48.4	2.06	<0.000010	<0.00010	0.01	0.000865	0.00119
	20/06/16	44.8	1.92	<0.000010	<0.00010	0.011	0.00111	0.00129

Printed Date: 28/07/2016

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	0.0081	0.0948	0.00032	0.00048	0.0413	<0.00010	<0.000050
	05/05/16	<0.0030	0.0967	0.0011	0.00052	0.0472	<0.00010	<0.000050
	07/06/16	<0.0030	0.128	0.00115	0.00066	0.0474	<0.00010	<0.000050
<b>HAC-08</b>	04/04/16	0.0209	0.0967	0.00019	0.00061	0.0337	<0.00010	<0.000050
	05/05/16	<0.0030	0.0997	0.00088	0.00067	0.0508	<0.00010	<0.000050
	07/06/16	<0.0030	0.112	0.00112	0.00072	0.0542	<0.00010	<0.000050
<b>HAC-10</b>	04/04/16	0.0124	0.0569	<0.00010	0.00102	0.012	<0.00010	<0.000050
	05/05/16	<0.0090	0.0065	0.0001	0.00081	0.0117	<0.00010	<0.000050
	07/06/16	<0.0030	0.0081	0.00011	0.00085	0.0122	<0.00010	<0.000050
<b>HAC-12</b>	04/04/16	0.0054	0.0842	0.00021	0.00057	0.0347	<0.00010	<0.000050
	11/04/16	<0.0030	0.0762	0.00018	0.00065	0.0306	<0.00010	<0.000050
	13/04/16	<0.0030	0.0718	0.00019	0.00059	0.03	<0.00010	<0.000050
	19/04/16	<0.0030	0.0614	0.00021	0.00068	0.0312	<0.00010	<0.000050
	25/04/16	<0.0030	0.0232	0.00013	0.00084	0.0189	<0.00010	<0.000050
	05/05/16	<0.0030	0.0739	0.0008	0.00067	0.0518	<0.00010	<0.000050
	10/05/16	<0.0030	0.0806	0.00095	0.00063	0.054	<0.00010	<0.000050
	17/05/16	<0.0030	0.123	0.001	0.00061	0.0518	<0.00010	<0.000050
	24/05/16	<0.0030	0.13	0.001	0.00065	0.0525	<0.00010	<0.000050
	31/05/16	<0.0030	0.116	0.00084	0.00064	0.044	<0.00010	<0.000050
	07/06/16	<0.0030	0.113	0.00104	0.00067	0.0567	<0.00010	<0.000050
	14/06/16	<0.0030	0.0923	0.00116	0.00056	0.0637	<0.00010	<0.000050
	20/06/16	<0.0030	0.0456	0.00116	0.00085	0.0603	<0.00010	<0.000050

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# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	0.056	0.0000573	137	<0.00050	0.00059	0.0263	0.192
	05/05/16	0.098	<0.0000050	120	<0.00050	0.00011	0.00328	<0.030
	07/06/16	0.101	0.0000058	119	<0.00050	<0.00010	0.00268	<0.030
<b>HAC-08</b>	04/04/16	0.026	0.0000355	83.1	<0.00050	0.00034	0.0222	0.146
	05/05/16	0.085	<0.0000050	111	<0.00050	0.0001	0.00552	<0.030
	07/06/16	0.098	0.0000076	121	<0.00050	<0.00010	0.00341	<0.030
<b>HAC-10</b>	04/04/16	0.018	0.0000052	34.7	<0.00050	<0.00010	0.00719	0.074
	05/05/16	0.026	<0.0000050	43.1	<0.00050	<0.00010	0.00372	<0.030
	07/06/16	0.027	<0.0000050	41.9	<0.00050	<0.00010	0.00369	<0.030
<b>HAC-12</b>	04/04/16	0.034	0.0000406	85.9	<0.00050	0.00032	0.0196	0.144
	11/04/16	0.033	0.0000302	78.8	<0.00050	0.00024	0.0161	0.104
	13/04/16	0.038	0.0000226	93.5	<0.00050	0.00021	0.0123	0.063
	19/04/16	0.044	0.0000331	96	<0.00050	0.00016	0.00908	<0.030
	25/04/16	0.027	0.0000125	50.2	<0.00050	0.00012	0.00971	0.067
	05/05/16	0.077	0.0000682	109	<0.00050	0.00013	0.00593	<0.030
	10/05/16	0.095	0.0000209	118	<0.00050	0.00012	0.00456	<0.030
	17/05/16	0.095	0.0000081	116	<0.00050	0.0001	0.0035	<0.030
	24/05/16	0.091	<0.000015	116	<0.00050	<0.00010	0.00381	<0.030
	31/05/16	0.075	0.0000104	110	<0.00050	<0.00010	0.00435	<0.030
	07/06/16	0.095	0.0000135	122	<0.00050	<0.00010	0.00383	<0.030
	14/06/16	0.102	<0.000015	134	<0.00050	0.00011	0.00385	<0.030
	20/06/16	0.101	<0.000015	129	<0.00050	<0.00010	0.00434	<0.030

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# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	<0.000050	0.0033	23	0.305	0.0838	0.00105	3.6
	05/05/16	<0.000050	0.0105	21.9	0.0605	0.112	<0.00050	9.62
	07/06/16	<0.000050	0.0112	22.4	0.0354	0.12	<0.00050	11
<b>HAC-08</b>	04/04/16	<0.000050	0.0017	14.5	0.168	0.0373	0.00125	2.29
	05/05/16	<0.000050	0.008	20.4	0.0577	0.0926	<0.00050	7.56
	07/06/16	<0.000050	0.0107	23.3	0.0339	0.114	<0.00050	10.7
<b>HAC-10</b>	04/04/16	<0.000050	<0.0010	4.98	0.0264	0.00682	<0.00050	1.02
	05/05/16	<0.000050	<0.0010	5.71	0.0187	0.00938	<0.00050	1.34
	07/06/16	<0.000050	<0.0010	5.74	0.0147	0.00967	<0.00050	1.33
<b>HAC-12</b>	04/04/16	<0.000050	0.0018	15.3	0.197	0.0448	0.00105	2.18
	11/04/16	<0.000050	0.0017	13.4	0.14	0.0354	0.00077	1.75
	13/04/16	<0.000050	0.002	16.2	0.125	0.0395	0.00094	1.99
	19/04/16	<0.000050	0.0024	15.8	0.118	0.0433	<0.00050	2.03
	25/04/16	<0.000050	0.0014	7.73	0.0913	0.01	<0.00050	1.4
	05/05/16	<0.000050	0.0083	20.3	0.134	0.0841	<0.00050	7.28
	10/05/16	<0.000050	0.0105	22.2	0.124	0.0959	<0.00050	8.46
	17/05/16	<0.000050	0.0103	21.8	0.0743	0.11	0.00061	8.26
	24/05/16	<0.000050	0.0099	21.4	0.0865	0.105	<0.00050	8.64
	31/05/16	<0.000050	0.008	19.4	0.0825	0.0808	0.00066	8.02
	07/06/16	<0.000050	0.0107	23.5	0.0833	0.112	<0.00050	10.2
	14/06/16	<0.000050	0.0116	25.4	0.111	0.129	0.00057	11.5
	20/06/16	<0.000050	0.0119	23.7	0.0702	0.118	0.00064	11.8

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# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-05a</b>	04/04/16	0.0202	4.86	<0.000010	22.8	1.52	<0.000010	<0.00010
	05/05/16	0.024	3.44	<0.000010	39.7	1.83	<0.000010	<0.00010
	07/06/16	0.0242	3.33	<0.000010	39.5	1.8	<0.000010	<0.00010
<b>HAC-08</b>	04/04/16	0.0107	4.41	<0.000010	13.4	0.725	<0.000010	<0.00010
	05/05/16	0.0197	3.72	<0.000010	34	1.54	<0.000010	<0.00010
	07/06/16	0.0236	3.62	<0.000010	38.4	1.75	<0.000010	<0.00010
<b>HAC-10</b>	04/04/16	0.000629	3.01	<0.000010	6.79	0.241	<0.000010	<0.00010
	05/05/16	0.000701	2.65	<0.000010	9.18	0.303	<0.000010	<0.00010
	07/06/16	0.000684	2.23	<0.000010	8.59	0.302	<0.000010	<0.00010
<b>HAC-12</b>	04/04/16	0.0108	4.57	<0.000010	13.4	0.88	<0.000010	<0.00010
	11/04/16	0.0108	4	<0.000010	11.2	0.781	<0.000010	<0.00010
	13/04/16	0.0123	4.21	<0.000010	13.2	0.92	<0.000010	<0.00010
	19/04/16	0.0134	3.9	<0.000010	14.5	0.992	<0.000010	<0.00010
	25/04/16	0.000752	3.46	<0.000010	9.47	0.357	<0.000010	<0.00010
	05/05/16	0.0175	3.84	<0.000010	32	1.48	0.000011	<0.00010
	10/05/16	0.0223	3.78	<0.000050	36.7	1.68	<0.000010	<0.00010
	17/05/16	0.0208	3.51	<0.000010	38.5	1.73	<0.000010	<0.00010
	24/05/16	0.0208	3.4	<0.000010	36.5	1.69	<0.000010	<0.00010
	31/05/16	0.0163	3.38	<0.000010	32.3	1.35	<0.000010	<0.00010
	07/06/16	0.0233	3.71	<0.000010	39.4	1.77	<0.000010	<0.00010
	14/06/16	0.025	3.96	<0.000010	46.6	2	<0.000010	<0.00010
	20/06/16	0.0256	3.78	<0.000010	44.6	1.88	<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)
<b>HAC-05a</b>	04/04/16	0.014	0.00119	0.00078	<0.0030
	05/05/16	0.011	0.000469	0.00066	<0.0030
	07/06/16	0.02	0.000587	0.00075	<0.0030
<b>HAC-08</b>	04/04/16	0.012	0.000756	0.00077	<0.0030
	05/05/16	0.011	0.00059	0.00072	<0.0030
	07/06/16	0.02	0.000648	0.00073	<0.0030
<b>HAC-10</b>	04/04/16	<0.010	0.000202	0.00069	0.0122
	05/05/16	<0.010	0.000236	0.00081	<0.0030
	07/06/16	<0.010	0.000237	0.00087	<0.0030
<b>HAC-12</b>	04/04/16	0.012	0.000924	0.00075	<0.0030
	11/04/16	0.012	0.000788	0.00068	<0.0030
	13/04/16	0.01	0.000774	0.00069	<0.0030
	19/04/16	0.012	0.000742	0.00067	<0.0030
	25/04/16	<0.010	0.00049	0.00083	<0.0030
	05/05/16	0.011	0.000647	0.00072	<0.0030
	10/05/16	0.015	0.000716	0.00061	<0.0030
	17/05/16	<0.010	0.000744	0.00063	<0.0030
	24/05/16	<0.010	0.000805	0.0006	<0.0030
	31/05/16	<0.010	0.00056	0.00067	<0.0030
	07/06/16	0.021	0.000713	0.00069	<0.0030
	14/06/16	<0.010	0.000821	0.00071	<0.0030
	20/06/16	<0.010	0.00106	0.00086	<0.0030

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# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>HAC-12</b>	27/06/16	894	401	7.95	715	3.2	1.71	70.8
<b>HAC-13 - HAC U/S</b>	04/04/16	625	293	8.02	464	71	81.7	127
	11/04/16	266	122	8.16	151	8.1	3.95	84.3
	13/04/16	303	145	8.05	203	6	2.96	97.5
	19/04/16	295	138	8.09	182	5.9	1.71	99.5
	25/04/16	280	132	8.13	173	10.2	4.12	95.7
	05/05/16	302	141	8.16	224	3.4	3.17	104
	10/05/16	297	140	8.16	217	4.5	3.73	96.4
	17/05/16	320	146	8.26	219	4.9	2.76	107
	24/05/16	297	141	8.32	225	2.5	1.35	101
	31/05/16	286	146	8.21	199	3	1.66	99.5
	07/06/16	298	137	8.22	186	3.3	1.88	103
	14/06/16	628	308	8.26	446	3.3	3.79	148
	20/06/16	334	159	8.31	236	2	1.53	108
	27/06/16	290	143	8.31	216	1.7	1	88.6

# Monitoring data report for: Hazeltine Creek



**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)
<b>HAC-12</b>	27/06/16	0.0578	8.4	0.45	5.71	5.77	0.0578	0.0012
<b>HAC-13 - HAC U/S</b>	04/04/16	0.0409	2.67	0.165	0.0969	0.0994	0.0025	0.0048
	11/04/16	0.0115	1.15	0.08	<0.0050	<0.0051	<0.0010	0.0014
	13/04/16	0.0072	1.41	0.095	0.0712	0.0712	<0.0010	0.0074
	19/04/16	0.0086	1.37	0.092	0.0675	0.0689	0.0014	0.0128
	25/04/16	<0.0050	1.23	0.086	<0.0050	<0.0051	<0.0010	0.001
	05/05/16	0.0058	1.45	0.104	<0.0050	<0.0051	<0.0010	0.0019
	10/05/16	0.0059	1.38	0.091	0.007	0.007	<0.0010	0.0014
	17/05/16	<0.0050	1.43	0.098	<0.0050	<0.0051	<0.0010	0.0017
	24/05/16	<0.0050	1.4	0.09	<0.0050	<0.0051	<0.0010	<0.0010
	31/05/16	<0.0050	1.37	0.095	<0.0050	<0.0051	<0.0010	<0.0010
	07/06/16	0.0084	1.35	0.093	<0.0050	<0.0051	<0.0010	0.0017
	14/06/16	0.0099	3.13	0.184	0.0403	0.0403	<0.0010	0.0012
	20/06/16	<0.0050	1.52	0.103	<0.0050	<0.0051	<0.0010	0.0012
	27/06/16	<0.0050	1.33	0.093	<0.0050	<0.0051	<0.0010	0.0012

# Monitoring data report for: Hazeltine Creek



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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-12</b>	27/06/16	0.0046	0.0166	377	5.78	3.66	0.125	0.0011
<b>HAC-13 - HAC U/S</b>	04/04/16	0.0102	0.113	184	0.617	17.7	3.79	0.00032
	11/04/16	0.0085	0.0341	47.8	0.41	7.9	0.241	0.00013
	13/04/16	0.0129	0.0328	54.4	0.39	6.68	0.189	0.00012
	19/04/16	0.0223	0.042	50.6	0.387	6.4	0.147	0.00013
	25/04/16	0.0088	0.0377	45.4	0.482	8.19	0.286	0.00012
	05/05/16	0.008	0.0191	55.1	0.366	6.37	0.135	0.00015
	10/05/16	0.0064	0.0282	51.4	0.358	5.85	0.149	0.00016
	17/05/16	0.0057	0.02	58.2	0.335	5.99	0.187	0.00014
	24/05/16	0.0063	0.0134	54.8	0.332	6.06	0.0791	0.00015
	31/05/16	0.0052	0.0146	50.4	0.321	5.76	0.104	0.00013
	07/06/16	0.0073	0.0166	50.2	0.367	5.82	0.11	0.00015
	14/06/16	0.0059	0.0172	190	0.416	8.87	0.155	0.00024
	20/06/16	0.0072	0.0123	64.6	0.313	6.3	0.0637	0.00012
	27/06/16	0.0068	0.0135	53.2	0.312	6.06	0.0554	0.00012

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-12</b>	27/06/16	0.00097	0.0555	<0.00010	<0.000050	0.104	0.0000141	120
<b>HAC-13 - HAC U/S</b>	04/04/16	0.00206	0.0816	0.00011	<0.000050	0.024	0.000105	91.1
	11/04/16	0.00079	0.0165	<0.00010	<0.000050	0.021	0.0000094	38.9
	13/04/16	0.00081	0.0145	<0.00010	<0.000050	0.022	0.0000072	44.5
	19/04/16	0.00085	0.0145	<0.00010	<0.000050	0.024	0.000005	43.7
	25/04/16	0.00084	0.0162	<0.00010	<0.000050	0.027	0.0000084	41
	05/05/16	0.00088	0.016	<0.00010	<0.000050	0.027	<0.0000050	46.3
	10/05/16	0.00086	0.016	<0.00010	<0.000050	0.031	0.0000063	44.1
	17/05/16	0.00089	0.0163	<0.00010	<0.000050	0.03	<0.0000050	46
	24/05/16	0.00097	0.0144	<0.00010	<0.000050	0.029	<0.0000050	46.1
	31/05/16	0.00091	0.013	<0.00010	<0.000050	0.026	<0.0000050	47.3
	07/06/16	0.00094	0.0157	<0.00010	<0.000050	0.03	<0.0000050	43.2
	14/06/16	0.00103	0.0421	<0.00010	<0.000050	0.042	0.0000208	96
	20/06/16	0.00085	0.0165	<0.00010	<0.000050	0.029	0.0000068	50.6
	27/06/16	0.00087	0.0134	<0.00010	<0.000050	0.028	<0.0000050	44.3

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-12</b>	27/06/16	<0.00050	0.00013	0.00645	0.124	<0.000050	0.011	22.6
<b>HAC-13 - HAC U/S</b>	04/04/16	0.00215	0.00359	0.208	3.77	0.00153	0.0044	16.2
	11/04/16	<0.00050	0.00025	0.02	0.278	0.000088	<0.0010	5.47
	13/04/16	<0.00050	0.00018	0.0131	0.208	0.000062	<0.0010	6.28
	19/04/16	<0.00050	0.00014	0.00962	0.169	0.00005	0.0011	5.92
	25/04/16	<0.00050	0.00022	0.0122	0.288	0.000088	0.0013	5.75
	05/05/16	<0.00050	0.00015	0.0103	0.16	0.000057	0.0019	6.4
	10/05/16	<0.00050	0.00016	0.0106	0.156	0.000057	0.0012	6.06
	17/05/16	<0.00050	0.00019	0.0116	0.193	0.000069	0.0014	6.49
	24/05/16	<0.00050	0.0001	0.00824	0.1	<0.000050	0.001	6.42
	31/05/16	<0.00050	<0.00010	0.00754	0.108	<0.000050	<0.0010	6.24
	07/06/16	<0.00050	0.00012	0.00941	0.126	<0.000050	0.001	6.11
	14/06/16	<0.00050	0.00031	0.028	0.311	0.000077	0.0031	15.1
	20/06/16	<0.00050	0.00013	0.0106	0.114	<0.000050	<0.0010	7.19
	27/06/16	<0.00050	<0.00010	0.00778	0.075	<0.000050	<0.0010	6.19

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-12</b>	27/06/16	0.0709	0.116	0.00064	12.2	0.0254	3.63	<0.000010
<b>HAC-13 - HAC U/S</b>	04/04/16	0.649	0.039	0.00309	3.84	0.00184	11.8	0.000072
	11/04/16	0.0604	0.0102	0.00057	1.26	0.00063	3.11	<0.000010
	13/04/16	0.0477	0.0102	0.00093	1.36	0.000655	3.4	<0.000010
	19/04/16	0.0977	0.00989	<0.00050	1.29	0.000771	3.17	<0.000010
	25/04/16	0.062	0.00965	0.00054	1.29	0.000694	3.57	<0.000010
	05/05/16	0.0622	0.012	<0.00050	1.53	0.000742	2.96	<0.000010
	10/05/16	0.0447	0.0116	<0.00050	1.41	0.000736	2.93	<0.000010
	17/05/16	0.0545	0.0127	0.00067	1.42	0.000742	2.88	<0.000010
	24/05/16	0.0389	0.0118	<0.00050	1.36	0.000766	2.54	<0.000010
	31/05/16	0.0279	0.0112	<0.00050	1.49	0.000692	2.67	<0.000010
	07/06/16	0.0427	0.011	<0.00050	1.44	0.000772	2.39	<0.000010
	14/06/16	0.19	0.0331	0.00062	3.04	0.00111	4.07	<0.000010
	20/06/16	0.0573	0.014	<0.00050	1.54	0.000763	2.32	<0.000010
	27/06/16	0.035	0.0116	<0.00050	1.47	0.000739	2.1	<0.000010

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-12</b>	27/06/16	44.1	1.75	0.000024	<0.00010	<0.010	0.000998	0.00127
<b>HAC-13 - HAC U/S</b>	04/04/16	19.5	0.81	0.00001	0.00014	0.184	0.00152	0.0103
	11/04/16	8.1	0.297	<0.000010	<0.00010	0.016	0.00033	0.00136
	13/04/16	9.12	0.315	<0.000010	<0.00010	0.015	0.000311	0.00113
	19/04/16	9.18	0.307	<0.000010	<0.00010	0.014	0.000284	0.0012
	25/04/16	8.82	0.299	<0.000010	<0.00010	0.019	0.000297	0.00183
	05/05/16	9.85	0.347	<0.000010	<0.00010	0.011	0.000332	0.00126
	10/05/16	9.92	0.315	<0.000010	<0.00010	0.013	0.000285	0.00125
	17/05/16	10.6	0.373	<0.000010	<0.00010	0.013	0.000381	0.00131
	24/05/16	9.93	0.356	<0.000010	<0.00010	<0.010	0.000351	0.00107
	31/05/16	9.68	0.325	<0.000010	<0.00010	<0.010	0.000312	0.00108
	07/06/16	9.33	0.327	<0.000010	<0.00010	0.014	0.000294	0.00128
	14/06/16	21.6	0.918	<0.000010	<0.00010	0.013	0.00141	0.00147
	20/06/16	11.1	0.39	<0.000010	<0.00010	<0.010	0.000455	0.00119
	27/06/16	10.1	0.329	<0.000010	<0.00010	<0.010	0.000331	0.00114



# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-12</b>	27/06/16	<0.0030	0.0294	0.00108	0.00088	0.0545	<0.00010	<0.000050
<b>HAC-13 - HAC U/S</b>	04/04/16	0.012	0.094	0.00023	0.00075	0.0398	<0.00010	<0.000050
	11/04/16	<0.0030	0.0389	0.00011	0.0007	0.0126	<0.00010	<0.000050
	13/04/16	<0.0030	0.0135	0.00011	0.00078	0.0126	<0.00010	<0.000050
	19/04/16	<0.0030	0.0063	<0.00010	0.00076	0.0122	<0.00010	<0.000050
	25/04/16	<0.0030	0.0186	0.0001	0.00071	0.0117	<0.00010	<0.000050
	05/05/16	<0.0060	0.0074	0.00011	0.00073	0.0136	<0.00010	<0.000050
	10/05/16	<0.0030	0.0055	0.00013	0.0008	0.0135	<0.00010	<0.000050
	17/05/16	0.0036	0.0053	0.00012	0.00083	0.014	<0.00010	<0.000050
	24/05/16	0.0051	0.004	0.00012	0.00082	0.0129	<0.00010	<0.000050
	31/05/16	0.0038	0.0069	0.0001	0.00085	0.0114	<0.00010	<0.000050
	07/06/16	0.0063	0.0056	0.00012	0.00085	0.0137	<0.00010	<0.000050
	14/06/16	0.0151	0.0081	0.00021	0.00085	0.0389	<0.00010	<0.000050
	20/06/16	0.0072	0.0053	0.00013	0.00083	0.0155	<0.00010	<0.000050
	27/06/16	0.0061	0.0059	0.00012	0.00085	0.0128	<0.00010	<0.000050

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-12</b>	27/06/16	0.095	0.0000107	122	<0.00050	<0.00010	0.00398	<0.030
<b>HAC-13 - HAC U/S</b>	04/04/16	0.023	0.0000848	93.1	<0.00050	0.00108	0.0774	0.663
	11/04/16	0.021	0.0000066	39.8	<0.00050	0.0001	0.0111	0.091
	13/04/16	0.023	0.0000054	47.3	<0.00050	<0.00010	0.00865	0.056
	19/04/16	0.023	<0.0000050	45.4	<0.00050	<0.00010	0.00569	<0.030
	25/04/16	0.025	<0.0000050	43.1	<0.00050	<0.00010	0.00635	0.054
	05/05/16	0.025	<0.0000050	46.2	<0.00050	<0.00010	0.00577	<0.030
	10/05/16	0.03	<0.0000050	45.8	<0.00050	<0.00010	0.00551	<0.030
	17/05/16	0.028	<0.0000050	47.5	<0.00050	<0.00010	0.00585	<0.030
	24/05/16	0.027	<0.0000050	46.3	<0.00050	<0.00010	0.00529	<0.030
	31/05/16	0.025	<0.0000050	48.3	<0.00050	<0.00010	0.00483	<0.030
	07/06/16	0.027	<0.0000050	44.8	<0.00050	<0.00010	0.00604	<0.030
	14/06/16	0.037	0.0000142	98.3	<0.00050	0.00021	0.0175	0.06
	20/06/16	0.026	0.0000071	51.8	<0.00050	<0.00010	0.0078	0.033
	27/06/16	0.026	<0.0000050	46.5	<0.00050	<0.00010	0.00562	<0.030

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-12</b>	27/06/16	<0.000050	0.0101	23.2	0.0623	0.109	<0.00050	12.1
<b>HAC-13 - HAC U/S</b>	04/04/16	0.000151	0.002	14.8	0.593	0.0386	0.00133	3.01
	11/04/16	<0.000050	<0.0010	5.48	0.0489	0.0095	<0.00050	1.17
	13/04/16	<0.000050	<0.0010	6.43	0.0408	0.00952	<0.00050	1.41
	19/04/16	<0.000050	0.0011	6.09	0.0796	0.00966	<0.00050	1.29
	25/04/16	<0.000050	0.0011	5.85	0.0347	0.00907	<0.00050	1.21
	05/05/16	<0.000050	<0.0010	6.32	0.0407	0.0106	<0.00050	1.51
	10/05/16	<0.000050	<0.0010	6.16	0.0302	0.0108	<0.00050	1.42
	17/05/16	<0.000050	0.0012	6.59	0.0428	0.0119	<0.00050	1.42
	24/05/16	<0.000050	<0.0010	6.25	0.0295	0.0112	<0.00050	1.3
	31/05/16	<0.000050	<0.0010	6.24	0.0169	0.0101	<0.00050	1.43
	07/06/16	<0.000050	<0.0010	6.22	0.0299	0.0109	<0.00050	1.41
	14/06/16	<0.000050	0.0026	15.1	0.177	0.0315	0.00055	2.96
	20/06/16	<0.000050	<0.0010	7.14	0.0485	0.0127	<0.00050	1.52
	27/06/16	<0.000050	<0.0010	6.41	0.0263	0.0108	<0.00050	1.47

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>HAC-12</b>	27/06/16	0.0241	3.49	<0.000010	43.2	1.68	<0.000010	<0.00010
<b>HAC-13 - HAC U/S</b>	04/04/16	0.00164	4.5	0.000015	20.3	0.79	<0.000010	<0.00010
	11/04/16	0.00066	2.76	<0.000010	7.88	0.294	<0.000010	<0.00010
	13/04/16	0.000711	3.13	<0.000010	9.68	0.318	<0.000010	<0.00010
	19/04/16	0.000793	2.91	<0.000010	9.54	0.309	<0.000010	<0.00010
	25/04/16	0.000642	3.03	<0.000010	8.77	0.291	<0.000010	<0.00010
	05/05/16	0.0007	2.69	<0.000010	9.77	0.336	<0.000010	<0.00010
	10/05/16	0.000818	2.62	<0.000010	9.95	0.336	<0.000010	<0.00010
	17/05/16	0.000724	2.5	<0.000010	10.8	0.364	<0.000010	<0.00010
	24/05/16	0.000672	2.36	<0.000010	9.69	0.348	<0.000010	<0.00010
	31/05/16	0.000664	2.41	<0.000010	9.35	0.319	<0.000010	<0.00010
	07/06/16	0.000747	2.21	<0.000010	9.52	0.328	<0.000010	<0.00010
	14/06/16	0.000994	3.74	<0.000010	20.9	0.88	<0.000010	<0.00010
	20/06/16	0.000818	2.2	<0.000010	11	0.39	<0.000010	<0.00010
	27/06/16	0.000755	2.01	<0.000010	10.2	0.322	<0.000010	<0.00010

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>HAC-12</b>	27/06/16	<0.010	0.000923	0.00084	<0.0030
<b>HAC-13 - HAC U/S</b>	04/04/16	0.013	0.00142	0.00102	<0.0030
	11/04/16	<0.010	0.000304	0.00066	<0.0030
	13/04/16	<0.010	0.000292	0.0007	<0.0030
	19/04/16	<0.010	0.000273	0.00071	<0.0030
	25/04/16	<0.010	0.00026	0.00087	<0.0030
	05/05/16	<0.010	0.000294	0.00083	<0.0030
	10/05/16	<0.010	0.000295	0.00081	<0.0030
	17/05/16	<0.010	0.00035	0.00086	<0.0030
	24/05/16	<0.010	0.000331	0.00083	0.0034
	31/05/16	<0.010	0.000288	0.00076	0.0034
	07/06/16	<0.010	0.000286	0.00089	0.0043
	14/06/16	<0.010	0.00138	0.00079	0.0112
	20/06/16	<0.010	0.000433	0.00093	0.0064
	27/06/16	<0.010	0.000315	0.00094	0.0046

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>W1</b>	07/04/16	80.6	37.6	7.52	79	1.6	2.82	30.7
	03/05/16	101	45.5	7.68	72	13.6	3.51	44.9
	01/06/16	106	49.5	7.84	76	8.2	2.76	49.6
<b>W4a</b>	05/04/16	190	90.1	8.01	130	9.5	14.6	65.5
	11/04/16					6	4.65	
	18/04/16					1.2	2.44	
	25/04/16					1.3	2.07	
	02/05/16	253	128	8.19	165	2.2	1.13	93
	02/06/16	315	169	8.26	225	<1.0	0.6	130
<b>W5</b>	05/04/16	49.1	24.3	7.34	83	2	2.83	21.3
	11/04/16					1.2	1.74	
	18/04/16					1	1.6	
	25/04/16					1.6	2.33	
	02/05/16	82.9	37.2	7.71	83	<1.0	1.46	38.6
	02/06/16	122	58.2	7.77	106	2.4	2.03	58.1
<b>W8</b>	05/04/16	95.7	50	7.57	110	<1.0	1.39	43.1
	11/04/16					1.6	1.22	
	18/04/16					<1.0	1.01	
	25/04/16					1.4	1.22	
	02/05/16	263	130	8.17	179	<1.0	1.02	125
<b>W8z</b>	02/05/16	56.7	27.9	7.41	72	<1.0	0.69	27.6
<b>W10</b>	04/04/16	84.5	44.6	7.68	102	13.1	7.38	40

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# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W1</b>	07/04/16	<0.0050	1.46	0.044	0.0583	0.0583	<0.0010	0.0013
	03/05/16	0.0228	0.84	0.053	0.0402	0.0416	0.0014	0.003
	01/06/16	0.0072	1.06	0.059	0.0152	0.0152	<0.0010	<0.0010
<b>W4a</b>	05/04/16	<0.0050	0.51	0.056	0.0853	0.0853	<0.0010	0.0085
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.0052	<0.50	0.061	0.0382	0.0382	<0.0010	0.0074
	02/06/16	<0.0050	<0.50	0.069	0.0434	0.0434	<0.0010	0.01
<b>W5</b>	05/04/16	<0.0050	<0.50	0.042	0.116	0.116	<0.0010	0.0022
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.0075	<0.50	0.055	0.0132	0.0132	<0.0010	0.003
	02/06/16	<0.0050	<0.50	0.059	<0.0050	<0.0051	<0.0010	0.0046
<b>W8</b>	05/04/16	0.0064	<0.50	0.046	0.0597	0.0597	<0.0010	0.0031
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.0091	3.91	0.089	0.0413	0.0413	<0.0010	0.0087
<b>W8z</b>	02/05/16	0.0067	<0.50	0.041	0.0085	0.0085	<0.0010	<0.0010
<b>W10</b>	04/04/16	0.0062	<0.50	0.036	0.0899	0.0899	<0.0010	0.0024

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# Monitoring data report for: Permitted Surface Water Quality Site



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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)
<b>W1</b>	07/04/16	0.0146	0.019	5.84	0.448	16.8	0.343	<0.00010
	03/05/16	0.0071	0.0327	4.98	0.496	9.52	0.533	<0.00010
	01/06/16	0.0042	0.019	5.01	0.345	7.82	0.248	<0.00010
<b>W4a</b>	05/04/16	0.0113	0.0399	28.8	0.253	7.59	0.874	0.00011
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.0094	0.0135	34.5	0.128	4.43	0.0979	0.00012
	02/06/16	0.0105	0.0162	37.3	0.139	3.39	0.0426	<0.00010
<b>W5</b>	05/04/16	0.0152	0.0202	2.01	0.634	21	0.372	<0.00010
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.013	0.0171	2.15	0.504	15.4	0.195	<0.00010
	02/06/16	0.012	0.0103	5.29	0.495	13.7	0.273	<0.00010
<b>W8</b>	05/04/16	0.0159	0.0192	4.23	0.791	30.3	0.302	<0.00010
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.0167	0.0215	8.31	0.551	16.1	0.328	<0.00010
<b>W8z</b>	02/05/16	0.0142	0.0146	<0.30	0.722	24.7	0.225	<0.00010
<b>W10</b>	04/04/16	0.0166	0.036	2.02	0.657	2.24	0.522	<0.00010

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# Monitoring data report for: Permitted Surface Water Quality Site



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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)
<b>W1</b>	07/04/16	0.00033	0.0117	<0.00010	<0.000050	0.022	0.0000064	10.8
	03/05/16	0.00053	0.0189	<0.00010	<0.000050	0.04	0.00001	13.7
	01/06/16	0.00039	0.0158	<0.00010	<0.000050	0.052	<0.0000050	14.1
<b>W4a</b>	05/04/16	0.00069	0.0218	<0.00010	<0.000050	0.017	0.0000318	30.3
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.00029	0.0142	<0.00010	<0.000050	0.026	0.0000058	45.4
	02/06/16	0.0003	0.0176	<0.00010	<0.000050	0.032	<0.0000050	59.1
<b>W5</b>	05/04/16	0.00033	0.00911	<0.00010	<0.000050	<0.010	0.0000099	7.31
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.00036	0.0113	<0.00010	<0.000050	0.016	0.000044	11
	02/06/16	0.00047	0.0168	<0.00010	<0.000050	0.023	0.0000109	17.5
<b>W8</b>	05/04/16	0.00045	0.00844	<0.00010	<0.000050	0.016	0.0000119	13.8
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.00116	0.014	<0.00010	<0.000050	0.021	0.0000197	31.4
<b>W8z</b>	02/05/16	0.00034	0.00597	<0.00010	<0.000050	<0.010	0.0000135	7.32
<b>W10</b>	04/04/16	0.00056	0.0115	<0.00010	<0.000050	<0.010	0.0000154	11.1

# Monitoring data report for: Permitted Surface Water Quality Site



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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)
<b>W1</b>	07/04/16	0.00078	0.00014	0.00868	0.328	0.000072	<0.0010	2.38
	03/05/16	0.00091	0.00031	0.00859	0.608	0.00015	<0.0010	2.84
	01/06/16	<0.00060	0.00014	0.00537	0.298	0.000065	<0.0010	2.7
<b>W4a</b>	05/04/16	0.00117	0.0006	0.042	0.816	0.000327	0.0011	3.71
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	<0.00050	<0.00010	0.00823	0.1	<0.000050	<0.0010	4.43
	02/06/16	<0.00050	<0.00010	0.00545	0.051	<0.000050	<0.0010	5.99
<b>W5</b>	05/04/16	0.00088	0.00017	0.01	0.312	0.000077	<0.0010	1.64
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.00071	0.0001	0.0119	0.205	0.000053	<0.0010	2.41
	02/06/16	0.00076	0.00019	0.0126	0.346	0.000073	<0.0010	3.96
<b>W8</b>	05/04/16	0.00094	0.00015	0.00513	0.263	0.000054	<0.0010	4.18
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.00125	0.00024	0.00472	0.541	0.000097	<0.0010	12.6
<b>W8z</b>	02/05/16	0.00133	<0.00010	0.00555	0.237	<0.000050	<0.0010	2.11
<b>W10</b>	04/04/16	0.00153	0.00033	0.0043	0.691	0.000186	<0.0010	3.24

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# Monitoring data report for: Permitted Surface Water Quality Site



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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)
<b>W1</b>	07/04/16	0.0122	0.000375	0.00058	0.399	0.000126	4.73	0.000012
	03/05/16	0.0436	0.000814	0.00096	0.492	0.000126	3.59	0.000014
	01/06/16	0.0284	0.000807	<0.00050	0.472	0.000104	2.16	<0.000010
<b>W4a</b>	05/04/16	0.0461	0.00713	0.00099	0.571	0.0026	7.08	0.00003
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.00942	0.00543	<0.00050	0.421	0.00173	6.23	<0.000010
	02/06/16	0.00621	0.00581	<0.00050	0.494	0.00126	6.61	<0.000010
<b>W5</b>	05/04/16	0.00887	0.00021	0.00089	0.495	0.000135	4.78	0.000013
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.0142	0.000814	0.00092	0.574	0.000156	4.6	0.000021
	02/06/16	0.0555	0.000946	0.00099	0.676	0.000169	5.03	<0.000010
<b>W8</b>	05/04/16	0.0197	0.00116	0.00146	0.855	0.000168	4	0.000017
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.109	0.00226	0.00133	1.05	0.000424	6.39	0.000011
<b>W8z</b>	02/05/16	0.00239	0.000121	0.00177	0.496	0.00012	3.77	0.000015
<b>W10</b>	04/04/16	0.0218	0.000267	0.00195	0.585	0.000133	4.29	0.000011

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# Monitoring data report for: Permitted Surface Water Quality Site



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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)
<b>W1</b>	07/04/16	1.93	0.0729	<0.000010	<0.00010	<0.010	0.000041	0.0012
	03/05/16	2.42	0.111	<0.000010	<0.00010	0.02	0.000069	0.00213
	01/06/16	2.53	0.115	<0.000010	<0.00010	<0.010	0.000051	0.00136
<b>W4a</b>	05/04/16	1.98	0.161	<0.000010	<0.00010	0.037	0.000086	0.00329
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	2.37	0.156	<0.000010	<0.00010	<0.010	0.000109	0.00091
	02/06/16	2.95	0.225	<0.000010	<0.00010	<0.010	0.00021	0.00072
<b>W5</b>	05/04/16	1.72	0.0638	<0.000010	<0.00010	0.01	0.000085	0.00093
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	2.72	0.117	<0.000010	<0.00010	<0.010	0.000081	0.00077
	02/06/16	3.86	0.157	<0.000010	<0.00010	<0.010	0.000086	0.00092
<b>W8</b>	05/04/16	2.86	0.0927	<0.000010	<0.00010	<0.010	0.000143	0.00073
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	6.34	0.24	<0.000010	<0.00010	<0.010	0.000527	0.00129
<b>W8z</b>	02/05/16	2.5	0.0942	<0.000010	<0.00010	<0.010	0.000097	0.00083
<b>W10</b>	04/04/16	2.01	0.0689	<0.000010	<0.00010	0.019	0.000084	0.00166

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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)
<b>W1</b>	07/04/16	<0.0030	0.174	<0.00010	0.00028	0.00992	<0.00010	<0.000050
	03/05/16	<0.0030	0.0398	<0.00010	0.00032	0.0129	<0.00010	<0.000050
	01/06/16	<0.0030	0.0264	<0.00010	0.00031	0.014	<0.00010	<0.000050
<b>W4a</b>	05/04/16	0.0073	0.085	<0.00010	0.00041	0.0121	<0.00010	<0.000050
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.0061	0.0166	<0.00010	0.00024	0.0131	<0.00010	<0.000050
	02/06/16	0.0082	0.0058	<0.00010	0.00025	0.0169	<0.00010	<0.000050
<b>W5</b>	05/04/16	0.0182	0.261	<0.00010	0.00026	0.00721	<0.00010	<0.000050
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.0335	0.121	<0.00010	0.00035	0.0103	<0.00010	<0.000050
	02/06/16	0.026	0.0687	<0.00010	0.00038	0.0136	<0.00010	<0.000050
<b>W8</b>	05/04/16	<0.0030	0.228	<0.00010	0.00035	0.00758	<0.00010	<0.000050
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	<0.0030	0.0588	<0.00010	0.00098	0.0109	<0.00010	<0.000050
<b>W8z</b>	02/05/16	<0.0030	0.207	<0.00010	0.00034	0.00607	<0.00010	<0.000050
<b>W10</b>	04/04/16	<0.0030	0.202	<0.00010	0.00035	0.00855	<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)
<b>W1</b>	07/04/16	0.023	0.0000062	11.1	0.00054	<0.00010	0.00725	0.172
	03/05/16	0.038	0.0000058	13.7	<0.00050	<0.00010	0.00447	0.074
	01/06/16	0.054	<0.0000050	15.1	<0.00050	<0.00010	0.00321	0.071
<b>W4a</b>	05/04/16	0.016	0.0000238	30.6	<0.00050	<0.00010	0.0158	0.071
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.025	0.0000069	44.1	<0.00050	<0.00010	0.00606	<0.030
	02/06/16	0.03	<0.0000050	58.1	<0.00050	<0.00010	0.00429	<0.030
<b>W5</b>	05/04/16	<0.010	0.0000079	7.17	0.00074	0.0001	0.00787	0.185
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.015	0.0000067	11	0.00063	<0.00010	0.0103	0.133
	02/06/16	0.021	0.000006	17.1	<0.00050	<0.00010	0.00872	0.126
<b>W8</b>	05/04/16	0.014	0.000009	13.4	0.00078	0.00011	0.00479	0.166
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.02	0.0000094	31.8	0.00065	<0.00010	0.00219	0.11
<b>W8z</b>	02/05/16	<0.010	0.0000168	7.58	0.0013	<0.00010	0.00455	0.215
<b>W10</b>	04/04/16	<0.010	0.0000088	12.2	0.00087	<0.00010	0.00334	0.231

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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)
<b>W1</b>	07/04/16	<0.000050	<0.0010	2.38	0.00429	0.000452	0.00057	0.396
	03/05/16	<0.000050	<0.0010	2.73	0.00837	0.000617	<0.00050	0.456
	01/06/16	<0.000050	<0.0010	2.85	0.0165	0.000787	<0.00050	0.442
<b>W4a</b>	05/04/16	<0.000050	<0.0010	3.34	0.0117	0.00702	<0.00050	0.42
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	<0.000050	<0.0010	4.25	0.00466	0.00528	<0.00050	0.412
	02/06/16	<0.000050	<0.0010	5.83	0.00338	0.00568	<0.00050	0.473
<b>W5</b>	05/04/16	<0.000050	<0.0010	1.56	0.00267	0.000201	0.00085	0.48
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	<0.000050	<0.0010	2.37	0.00661	0.000572	0.00086	0.56
	02/06/16	<0.000050	<0.0010	3.79	0.00824	0.000875	0.00083	0.632
<b>W8</b>	05/04/16	<0.000050	<0.0010	4.03	0.00435	0.00106	0.00146	0.836
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	<0.000050	0.0011	12.4	0.0103	0.00224	0.00091	1.03
<b>W8z</b>	02/05/16	<0.000050	<0.0010	2.17	0.002	0.000098	0.00185	0.501
<b>W10</b>	04/04/16	<0.000050	<0.0010	3.44	0.00336	0.00027	0.0013	0.571

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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W1</b>	07/04/16	0.000111	4.51	<0.000010	1.97	0.0735	<0.000010	<0.00010
	03/05/16	0.00009	2.78	<0.000010	2.51	0.104	<0.000010	<0.00010
	01/06/16	0.000065	1.91	<0.000010	2.63	0.119	<0.000010	<0.00010
<b>W4a</b>	05/04/16	0.00247	5.5	<0.000010	1.96	0.156	<0.000010	<0.00010
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.00165	5.88	<0.000010	2.36	0.152	<0.000010	<0.00010
	02/06/16	0.00121	6.4	<0.000010	2.84	0.223	<0.000010	<0.00010
<b>W5</b>	05/04/16	0.000095	4.48	<0.000010	1.72	0.0612	<0.000010	<0.00010
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.000113	4.48	0.000015	2.67	0.117	<0.000010	<0.00010
	02/06/16	0.000141	4.56	<0.000010	3.76	0.153	<0.000010	<0.00010
<b>W8</b>	05/04/16	0.000135	3.77	0.000015	2.84	0.0926	<0.000010	<0.00010
	11/04/16							
	18/04/16							
	25/04/16							
	02/05/16	0.000361	6	<0.000010	6.4	0.245	<0.000010	<0.00010
<b>W8z</b>	02/05/16	0.000097	3.89	0.000012	2.54	0.0976	<0.000010	<0.00010
<b>W10</b>	04/04/16	0.000131	4.05	<0.000010	2.05	0.0703	<0.000010	<0.00010

Printed Date: 28/07/2016



# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>W1</b>	07/04/16	<0.010	0.000035	0.00076	<0.0030
	03/05/16	<0.010	0.000036	0.00078	<0.0030
	01/06/16	<0.010	0.000039	0.00061	<0.0030
<b>W4a</b>	05/04/16	<0.010	0.000073	0.00117	0.0037
	11/04/16				
	18/04/16				
	25/04/16				
	02/05/16	<0.010	0.000109	0.00065	0.005
	02/06/16	<0.010	0.000206	0.0006	0.0074
<b>W5</b>	05/04/16	<0.010	0.000081	0.00061	0.019
	11/04/16				
	18/04/16				
	25/04/16				
	02/05/16	<0.010	0.000078	0.00059	0.0315
	02/06/16	<0.010	0.000079	<0.00050	0.0179
<b>W8</b>	05/04/16	<0.010	0.000141	<0.00050	<0.0030
	11/04/16				
	18/04/16				
	25/04/16				
	02/05/16	<0.010	0.000527	0.00064	<0.0030
<b>W8z</b>	02/05/16	<0.010	0.000099	0.00078	<0.0030
<b>W10</b>	04/04/16	<0.010	0.000072	0.00077	<0.0030

Printed Date: 28/07/2016

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity ( $\mu\text{s}/\text{cm}$ )	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity ( $\text{CaCO}_3$ ) (mg/L)
<b>W10</b>	04/05/16	111	58.9	7.9	110	1.9	1.02	56.5
	06/06/16	161	82.4	7.97	128	<1.0	0.74	83.5
<b>W12</b>	03/05/16	162	76.3	7.74	121	1.4	1.17	64.5
<b>W20 Creek</b>	04/05/16	175	82.5	7.68	145	3.9	3.92	53.3

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	0.0088	<0.50	0.047	<0.0050	<0.0051	<0.0010	0.0019
	06/06/16	0.0097	<0.50	0.055	0.0131	0.0131	<0.0010	0.0028
<b>W12</b>	03/05/16	0.0089	0.65	0.063	0.007	0.007	<0.0010	0.0013
<b>W20 Creek</b>	04/05/16	0.018	0.62	0.078	0.191	0.192	0.0011	0.0116

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	0.0112	0.0141	1.79	0.563	19.6	0.125	<0.00010
	06/06/16	0.0094	0.0101	2.46	0.55	17.2	0.0585	<0.00010
<b>W12</b>	03/05/16	0.0046	0.011	15.9	0.426	14.9	0.0716	<0.00010
<b>W20 Creek</b>	04/05/16	0.0267	0.0349	30.9	0.763	17.3	0.35	<0.00010

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	0.00066	0.0111	<0.00010	<0.000050	0.01	0.0000074	15.8
	06/06/16	0.00101	0.0142	<0.00010	<0.000050	0.011	0.0000085	22
<b>W12</b>	03/05/16	0.00033	0.0103	<0.00010	<0.000050	0.045	0.0000088	23.8
<b>W20 Creek</b>	04/05/16	0.00046	0.0157	<0.00010	<0.000050	0.12	0.0000122	21.3

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	0.00094	<0.00010	0.00381	0.206	<0.000050	<0.0010	4.62
	06/06/16	0.00063	<0.00010	0.00293	0.153	<0.000050	<0.0010	6.45
<b>W12</b>	03/05/16	<0.00050	<0.00010	0.00659	0.206	<0.000050	<0.0010	4
<b>W20 Creek</b>	04/05/16	<0.0010	0.00019	0.00699	0.514	0.000077	0.0034	6.53

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	0.00687	0.000433	0.00128	0.723	0.000128	4.14	<0.000010
	06/06/16	0.00662	0.000634	0.00126	0.718	0.000188	4.2	<0.000010
<b>W12</b>	03/05/16	0.0458	0.000704	<0.00050	0.228	0.000101	5.34	0.000015
<b>W20 Creek</b>	04/05/16	0.0511	0.00137	0.00142	0.719	0.00043	6.02	0.000039

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	2.49	0.104	<0.000010	<0.00010	<0.010	0.000074	0.00093
	06/06/16	3.47	0.146	<0.000010	<0.00010	<0.010	0.000094	0.00078
<b>W12</b>	03/05/16	3.25	0.135	<0.000010	<0.00010	<0.010	0.000021	0.00059
<b>W20 Creek</b>	04/05/16	3.89	0.106	<0.000010	<0.00010	0.012	0.000053	0.00114



# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	<0.0030	0.0726	<0.00010	0.00075	0.0107	<0.00010	<0.000050
	06/06/16	<0.0030	0.0358	<0.00010	0.00095	0.0135	<0.00010	<0.000050
<b>W12</b>	03/05/16	<0.0030	0.0219	<0.00010	0.00035	0.0102	<0.00010	<0.000050
<b>W20 Creek</b>	04/05/16	<0.0030	0.132	<0.00010	0.00037	0.014	<0.00010	<0.000050

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	<0.010	0.0000707	16	0.00066	<0.00010	0.0033	0.128
	06/06/16	0.011	0.0000068	22.3	0.00052	<0.00010	0.00307	0.111
<b>W12</b>	03/05/16	0.049	<0.0000050	24	<0.00050	<0.00010	0.00556	0.105
<b>W20 Creek</b>	04/05/16	0.111	0.0000094	21.9	<0.00050	0.00011	0.00581	0.309

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	<0.000050	<0.0010	4.63	0.00337	0.000357	0.00118	0.71
	06/06/16	<0.000050	<0.0010	6.51	0.00325	0.0006	0.00112	0.735
<b>W12</b>	03/05/16	<0.000050	<0.0010	4	0.0309	0.000661	<0.00050	0.208
<b>W20 Creek</b>	04/05/16	<0.000050	<0.0010	6.73	0.0387	0.0012	0.00099	0.726

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>W10</b>	04/05/16	0.000113	4.07	<0.000010	2.57	0.0999	<0.000010	<0.00010
	06/06/16	0.000139	4.11	<0.000010	3.53	0.143	<0.000010	<0.00010
<b>W12</b>	03/05/16	0.000102	5.21	<0.000010	3.37	0.122	<0.000010	<0.00010
<b>W20 Creek</b>	04/05/16	0.000348	5.81	0.000014	4.07	0.104	<0.000010	<0.00010

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>W10</b>	04/05/16	<0.010	0.000065	0.00067	<0.0030
	06/06/16	<0.010	0.000086	0.00062	<0.0030
<b>W12</b>	03/05/16	<0.010	0.000016	<0.00050	<0.0030
<b>W20 Creek</b>	04/05/16	<0.010	0.000042	0.00073	<0.0030

# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>P1-S</b>	14/04/16	279	131	8.14	187	2.6	0.84	93.7
	09/05/16	280	133	8.24	195	1.9	1.41	96.3
	06/06/16	282	132	8.2	178	<1.0	0.27	99.3
<b>P1-10</b>	14/04/16	277	136	8.11	180	2.9	1.28	92.4
	09/05/16	278	131	8.23	195	2.4	1.8	94.6
	06/06/16	279	130	8.09	188	<1.0	0.8	98.5
<b>P1-5</b>	09/05/16	281	132	8.23	192	1.8	1.55	95.8
	06/06/16	280	131	8.22	196	2.4	0.62	98.7
<b>P1-15</b>	09/05/16	282	131	8.22	178	2.7	2.31	95.4
	06/06/16	282	133	7.99	187	1.1	0.87	99.7
<b>P1-20</b>	14/04/16	285	135	8.09	182	3.1	1.91	92.6
	09/05/16	283	135	8.2	186	3.2	3.3	96.1
	06/06/16	284	134	7.95	193	1.6	0.75	100
<b>P1-B</b>	14/04/16	288	135	7.99	183	3.6	2.6	96.8
	09/05/16	287	133	8.03	178	3	2.54	94.6
	06/06/16	285	134	7.91	191	1.7	1.44	99.5
<b>P2-S</b>	14/04/16	288	139	8.01	181	2.8	1.41	96
	09/05/16	279	134	8.23	179	2.1	1.27	93.7
	06/06/16	278	132	8.18	189	<1.0	0.29	95.9
<b>P2-5</b>	09/05/16	280	130	8.21	172	2	2.03	94.3
	06/06/16	280	129	8.19	186	<1.0	0.64	98.7
<b>P2-10</b>	14/04/16	290	140	8.01	169	2.6	1.56	94.1

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# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>P1-S</b>	14/04/16	<0.0050	1.31	0.09	0.0359	0.0359	<0.0010	0.0061
	09/05/16	<0.0050	1.3	0.088	<0.0050	<0.0051	<0.0010	0.0026
	06/06/16	<0.0050	1.25	0.084	<0.0050	<0.0051	<0.0010	<0.0010
<b>P1-10</b>	14/04/16	0.0052	1.31	0.091	0.0468	0.0468	<0.0010	0.0073
	09/05/16	0.0068	1.3	0.088	0.0153	0.0164	0.001	0.0055
	06/06/16	0.005	1.26	0.085	<0.0050	<0.0051	<0.0010	0.0034
<b>P1-5</b>	09/05/16	0.0054	1.31	0.088	<0.0050	<0.0051	<0.0010	0.0035
	06/06/16	<0.0050	1.25	0.085	<0.0050	<0.0051	<0.0010	0.001
<b>P1-15</b>	09/05/16	<0.0050	1.31	0.084	0.0351	0.0351	<0.0010	0.0083
	06/06/16	0.0064	1.27	0.085	0.0632	0.0632	<0.0010	0.0136
<b>P1-20</b>	14/04/16	0.0083	1.33	0.091	0.0566	0.0566	<0.0010	0.0097
	09/05/16	0.0103	1.31	0.089	0.0717	0.0717	<0.0010	0.0149
	06/06/16	<0.0050	1.27	0.085	0.087	0.087	<0.0010	0.0189
<b>P1-B</b>	14/04/16	0.0399	1.35	0.092	0.0958	0.0979	0.0022	0.0326
	09/05/16	0.0125	1.32	0.089	0.104	0.104	<0.0010	0.0203
	06/06/16	0.0106	1.28	0.085	0.129	0.131	0.0015	0.0248
<b>P2-S</b>	14/04/16	0.0072	1.35	0.092	0.0983	0.0983	<0.0010	0.0208
	09/05/16	<0.0050	1.3	0.088	<0.0050	<0.0051	<0.0010	0.0031
	06/06/16	0.0053	1.25	0.085	<0.0050	<0.0051	<0.0010	<0.0010
<b>P2-5</b>	09/05/16	<0.0050	1.3	0.086	<0.0050	<0.0051	<0.0010	0.0025
	06/06/16	<0.0050	1.25	0.085	<0.0050	<0.0051	<0.0010	<0.0010
<b>P2-10</b>	14/04/16	0.0076	1.34	0.092	0.103	0.103	<0.0010	0.0207

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# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>P1-S</b>	14/04/16	0.0116	0.0275	46	0.38	5.63	0.0338	0.00015
	09/05/16	0.0072	0.0195	46.1	0.336	5.48	0.049	0.00012
	06/06/16	0.0048	0.0074	45.8	0.301	5.73	0.0069	0.00012
<b>P1-10</b>	14/04/16	0.0118	0.029	46.5	0.394	5.69	0.0606	0.00015
	09/05/16	0.0101	0.0221	46.1	0.333	5.58	0.0781	0.00013
	06/06/16	0.0075	0.0122	45.9	0.313	5.95	0.0216	0.00012
<b>P1-5</b>	09/05/16	0.0058	0.0186	46.2	0.402	5.61	0.0487	0.00013
	06/06/16	0.0059	0.024	45.7	0.352	5.82	0.0204	0.00013
<b>P1-15</b>	09/05/16	0.0131	0.0234	46.2	0.333	5.85	0.106	0.00013
	06/06/16	0.0185	0.0218	46	0.336	5.75	0.0301	0.00013
<b>P1-20</b>	14/04/16	0.0135	0.0329	47.1	0.414	5.59	0.0427	0.00014
	09/05/16	0.0191	0.0262	46.3	0.348	6.91	0.153	0.00014
	06/06/16	0.0207	0.0245	46	0.37	5.72	0.0308	0.00012
<b>P1-B</b>	14/04/16	0.0371	0.0583	47.3	0.464	5.72	0.1	0.00015
	09/05/16	0.0209	0.0337	46.4	0.386	6.14	0.147	0.00015
	06/06/16	0.0278	0.0318	46.1	0.398	5.83	0.0486	0.00012
<b>P2-S</b>	14/04/16	0.0261	0.0385	47.8	0.413	5.63	0.0401	0.00011
	09/05/16	0.0064	0.0216	46.1	0.342	5.94	0.0507	0.00013
	06/06/16	0.005	0.0076	45.8	0.292	5.98	0.0062	0.00013
<b>P2-5</b>	09/05/16	0.0066	0.022	46.2	0.34	6	0.0529	0.00014
	06/06/16	0.006	0.0114	45.8	0.298	5.79	0.0139	0.0002
<b>P2-10</b>	14/04/16	0.0246	0.0403	47.6	0.436	5.87	0.0772	0.00013

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# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>P1-S</b>	14/04/16	0.00084	0.0101	<0.00010	<0.000050	0.023	<0.0000050	43.6
	09/05/16	0.00095	0.0115	<0.00010	<0.000050	0.028	<0.0000050	41.8
	06/06/16	0.0008	0.0105	<0.00010	<0.000050	0.025	<0.0000050	42.7
<b>P1-10</b>	14/04/16	0.00089	0.0107	<0.00010	<0.000050	0.024	<0.0000050	43.6
	09/05/16	0.00091	0.012	<0.00010	<0.000050	0.028	<0.0000050	41.7
	06/06/16	0.0008	0.0106	<0.00010	<0.000050	0.025	<0.0000050	41.4
<b>P1-5</b>	09/05/16	0.00086	0.0116	<0.00010	<0.000050	0.028	<0.0000050	41.8
	06/06/16	0.00079	0.0107	<0.00010	<0.000050	0.025	<0.0000050	42.4
<b>P1-15</b>	09/05/16	0.00098	0.0128	<0.00010	<0.000050	0.029	<0.0000050	43.3
	06/06/16	0.00081	0.0111	<0.00010	<0.000050	0.025	<0.0000050	42.9
<b>P1-20</b>	14/04/16	0.00083	0.0107	<0.00010	<0.000050	0.025	<0.0000050	43.4
	09/05/16	0.0009	0.0132	<0.00010	<0.000050	0.028	<0.0000050	42.9
	06/06/16	0.00082	0.0107	<0.00010	<0.000050	0.026	<0.0000050	42.2
<b>P1-B</b>	14/04/16	0.00095	0.0142	<0.00010	<0.000050	0.025	<0.0000050	46
	09/05/16	0.00096	0.0137	<0.00010	0.000062	0.028	<0.0000050	42.7
	06/06/16	0.00085	0.0108	<0.00010	<0.000050	0.025	<0.0000050	41.7
<b>P2-S</b>	14/04/16	0.00084	0.0109	<0.00010	<0.000050	0.024	<0.0000050	44.9
	09/05/16	0.00093	0.0119	<0.00010	<0.000050	0.028	<0.0000050	43.7
	06/06/16	0.00081	0.0102	<0.00010	<0.000050	0.026	<0.0000050	42.6
<b>P2-5</b>	09/05/16	0.00086	0.0116	<0.00010	<0.000050	0.027	<0.0000050	42.8
	06/06/16	0.00085	0.0103	<0.00010	<0.000050	0.026	<0.0000050	41.7
<b>P2-10</b>	14/04/16	0.00087	0.0114	<0.00010	<0.000050	0.024	<0.0000050	43.8

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# Monitoring data report for: Polley Lake



**Mount Polley**  
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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)
<b>P1-S</b>	14/04/16	<0.00050	<0.00010	0.00309	<0.030	<0.000050	<0.0010	5.77
	09/05/16	<0.00050	<0.00010	0.00406	0.031	<0.000050	0.0013	5.47
	06/06/16	<0.00050	<0.00010	0.00314	<0.030	<0.000050	<0.0010	5.71
<b>P1-10</b>	14/04/16	<0.00050	<0.00010	0.00472	0.051	0.000637	<0.0010	5.81
	09/05/16	<0.00050	<0.00010	0.00496	0.049	0.000229	0.0013	5.52
	06/06/16	<0.00050	<0.00010	0.00347	<0.030	0.000195	<0.0010	5.56
<b>P1-5</b>	09/05/16	<0.00050	<0.00010	0.004	0.031	0.000406	<0.0010	5.55
	06/06/16	<0.00050	<0.00010	0.00359	<0.030	0.000368	<0.0010	5.71
<b>P1-15</b>	09/05/16	<0.00050	<0.00010	0.00514	0.064	0.000163	<0.0010	5.72
	06/06/16	<0.00050	<0.00010	0.00386	<0.030	0.000182	<0.0010	5.83
<b>P1-20</b>	14/04/16	<0.00050	<0.00010	0.00382	0.035	0.000313	<0.0010	5.71
	09/05/16	<0.00050	<0.00010	0.00637	0.092	0.000177	<0.0010	5.64
	06/06/16	<0.00050	<0.00010	0.00375	<0.030	0.00011	<0.0010	5.72
<b>P1-B</b>	14/04/16	<0.00050	<0.00010	0.00555	0.071	0.000205	<0.0010	6.14
	09/05/16	<0.00050	<0.00010	0.00614	0.082	0.000139	<0.0010	5.64
	06/06/16	<0.00050	<0.00010	0.0042	0.031	0.000101	<0.0010	5.64
<b>P2-S</b>	14/04/16	<0.00050	<0.00010	0.00333	<0.030	<0.000050	<0.0010	5.93
	09/05/16	<0.00050	<0.00010	0.00433	0.038	<0.000050	<0.0010	5.73
	06/06/16	<0.00050	<0.00010	0.00322	<0.030	<0.000050	<0.0010	5.76
<b>P2-5</b>	09/05/16	<0.00050	<0.00010	0.00423	0.035	0.000121	<0.0010	5.54
	06/06/16	<0.00050	<0.00010	0.00336	<0.030	0.000202	<0.0010	5.68
<b>P2-10</b>	14/04/16	<0.00050	<0.00010	0.00502	0.057	0.000183	<0.0010	5.89

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# Monitoring data report for: Polley Lake



**Mount Polley**  
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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)
<b>P1-S</b>	14/04/16	0.0155	0.00932	<0.00050	1.31	0.000755	3.05	<0.000010
	09/05/16	0.0318	0.0101	<0.00050	1.41	0.000662	2.74	<0.000010
	06/06/16	0.00659	0.0101	<0.00050	1.33	0.000763	2.47	<0.000010
<b>P1-10</b>	14/04/16	0.0232	0.00957	<0.00050	1.36	0.000717	3.13	<0.000010
	09/05/16	0.0397	0.01	<0.00050	1.41	0.000721	2.85	<0.000010
	06/06/16	0.0054	0.0101	<0.00050	1.31	0.000668	2.57	<0.000010
<b>P1-5</b>	09/05/16	0.0323	0.0101	<0.00050	1.42	0.000735	2.78	<0.000010
	06/06/16	0.00638	0.0101	<0.00050	1.32	0.0007	2.52	<0.000010
<b>P1-15</b>	09/05/16	0.0577	0.0105	<0.00050	1.47	0.000705	3.09	<0.000010
	06/06/16	0.0094	0.0103	<0.00050	1.36	0.000725	3.04	<0.000010
<b>P1-20</b>	14/04/16	0.039	0.00973	<0.00050	1.36	0.000747	3.04	<0.000010
	09/05/16	0.0847	0.0103	<0.00050	1.45	0.000719	3.18	<0.000010
	06/06/16	0.0128	0.0103	<0.00050	1.36	0.000697	3.09	<0.000010
<b>P1-B</b>	14/04/16	0.285	0.00998	<0.00050	1.6	0.000679	3.58	<0.000010
	09/05/16	0.131	0.0103	<0.00050	1.51	0.000684	3.25	<0.000010
	06/06/16	0.0358	0.01	<0.00050	1.34	0.000663	3.2	<0.000010
<b>P2-S</b>	14/04/16	0.0759	0.00968	<0.00050	1.38	0.000687	3.3	<0.000010
	09/05/16	0.0272	0.0106	<0.00050	1.43	0.000711	2.85	<0.000010
	06/06/16	0.00641	0.0107	<0.00050	1.35	0.000696	2.52	<0.000010
<b>P2-5</b>	09/05/16	0.0273	0.0102	<0.00050	1.39	0.000721	2.77	<0.000010
	06/06/16	0.00658	0.0105	<0.00050	1.34	0.000697	2.49	<0.000010
<b>P2-10</b>	14/04/16	0.0801	0.00947	<0.00050	1.39	0.000666	3.34	<0.000010

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# Monitoring data report for: Polley Lake



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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)
<b>P1-S</b>	14/04/16	9.25	0.295	<0.000010	<0.00010	0.011	0.000246	0.00084
	09/05/16	9.54	0.313	<0.000010	<0.00010	<0.010	0.000271	0.00095
	06/06/16	9.21	0.311	<0.000010	<0.00010	<0.010	0.000264	0.00081
<b>P1-10</b>	14/04/16	9.4	0.301	<0.000010	<0.00010	0.013	0.00025	0.00091
	09/05/16	9.61	0.307	<0.000010	<0.00010	0.01	0.000273	0.00101
	06/06/16	9.16	0.31	<0.000010	<0.00010	<0.010	0.000271	0.00084
<b>P1-5</b>	09/05/16	9.61	0.311	<0.000010	<0.00010	<0.010	0.000271	0.00097
	06/06/16	9.21	0.31	<0.000010	<0.00010	<0.010	0.000265	0.00087
<b>P1-15</b>	09/05/16	9.99	0.318	<0.000010	<0.00010	0.011	0.000286	0.00111
	06/06/16	9.52	0.317	<0.000010	<0.00010	0.01	0.000278	0.00089
<b>P1-20</b>	14/04/16	9.54	0.306	<0.000010	<0.00010	0.011	0.000261	0.00088
	09/05/16	9.68	0.314	<0.000010	<0.00010	0.012	0.000281	0.00117
	06/06/16	9.41	0.319	<0.000010	<0.00010	<0.010	0.00028	0.00084
<b>P1-B</b>	14/04/16	10.7	0.313	<0.000010	<0.00010	0.014	0.000268	0.00114
	09/05/16	10.2	0.315	<0.000010	<0.00010	0.013	0.000285	0.00124
	06/06/16	9.18	0.313	<0.000010	<0.00010	<0.010	0.000275	0.00088
<b>P2-S</b>	14/04/16	9.53	0.307	<0.000010	<0.00010	0.012	0.000257	0.00087
	09/05/16	10.1	0.322	<0.000010	<0.00010	0.011	0.000277	0.00099
	06/06/16	9.46	0.323	<0.000010	<0.00010	<0.010	0.000282	0.00086
<b>P2-5</b>	09/05/16	9.73	0.309	<0.000010	<0.00010	<0.010	0.00027	0.00096
	06/06/16	9.4	0.319	<0.000010	<0.00010	<0.010	0.000279	0.00088
<b>P2-10</b>	14/04/16	9.45	0.302	<0.000010	<0.00010	0.014	0.000257	0.00095

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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)
<b>P1-S</b>	14/04/16	<0.0030	0.0056	0.00011	0.00078	0.00956	<0.00010	<0.000050
	09/05/16	<0.0030	0.0038	0.00011	0.0008	0.0104	<0.00010	<0.000050
	06/06/16	<0.0030	0.0033	<0.00010	0.00079	0.0102	<0.00010	<0.000050
<b>P1-10</b>	14/04/16	<0.0030	0.0173	0.00012	0.00082	0.0105	<0.00010	<0.000050
	09/05/16	<0.0030	<0.0030	0.0001	0.00082	0.0103	<0.00010	<0.000050
	06/06/16	<0.0030	0.0038	0.0001	0.00075	0.0103	<0.00010	<0.000050
<b>P1-5</b>	09/05/16	<0.0030	0.0057	0.00011	0.00078	0.0104	<0.00010	<0.000050
	06/06/16	<0.0030	0.0035	0.0001	0.0008	0.0105	<0.00010	<0.000050
<b>P1-15</b>	09/05/16	<0.0030	0.0055	0.0001	0.00082	0.0103	<0.00010	<0.000050
	06/06/16	<0.0030	0.0034	0.0001	0.00082	0.0105	<0.00010	<0.000050
<b>P1-20</b>	14/04/16	<0.0030	<0.0030	0.00011	0.0008	0.00986	<0.00010	<0.000050
	09/05/16	<0.0030	0.0042	0.00011	0.00092	0.0111	<0.00010	<0.000050
	06/06/16	<0.0030	0.0054	<0.00010	0.00077	0.0104	<0.00010	<0.000050
<b>P1-B</b>	14/04/16	<0.0030	<0.0030	0.00011	0.00087	0.0109	<0.00010	<0.000050
	09/05/16	<0.0030	0.0048	0.0001	0.00091	0.0112	<0.00010	<0.000050
	06/06/16	<0.0030	0.0039	0.00011	0.00081	0.0103	<0.00010	<0.000050
<b>P2-S</b>	14/04/16	<0.0030	<0.0030	0.0001	0.00084	0.00993	<0.00010	<0.000050
	09/05/16	<0.0030	0.0117	0.00011	0.00088	0.0108	<0.00010	<0.000050
	06/06/16	<0.0030	<0.0030	0.0001	0.00081	0.0102	<0.00010	<0.000050
<b>P2-5</b>	09/05/16	<0.0030	<0.0030	0.00012	0.00084	0.0104	<0.00010	<0.000050
	06/06/16	<0.0030	0.0033	0.00012	0.00081	0.0103	<0.00010	<0.000050
<b>P2-10</b>	14/04/16	<0.0030	0.0032	0.00011	0.00084	0.0104	<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)
<b>P1-S</b>	14/04/16	0.022	<0.0000050	43.2	<0.00050	<0.00010	0.00244	<0.030
	09/05/16	0.027	<0.0000050	44	<0.00050	<0.00010	0.00269	<0.030
	06/06/16	0.023	<0.0000050	43.3	<0.00050	<0.00010	0.00288	<0.030
<b>P1-10</b>	14/04/16	0.023	<0.0000050	44.7	<0.00050	<0.00010	0.00459	<0.030
	09/05/16	0.027	<0.0000050	43.3	<0.00050	<0.00010	0.00269	<0.030
	06/06/16	0.024	<0.0000050	42.8	<0.00050	<0.00010	0.00293	<0.030
<b>P1-5</b>	09/05/16	0.027	<0.0000050	43.6	<0.00050	<0.00010	0.00281	<0.030
	06/06/16	0.024	<0.0000050	43.1	<0.00050	<0.00010	0.00315	<0.030
<b>P1-15</b>	09/05/16	0.027	<0.0000050	43.2	<0.00050	<0.00010	0.00292	<0.030
	06/06/16	0.024	<0.0000050	43.5	<0.00050	<0.00010	0.00334	<0.030
<b>P1-20</b>	14/04/16	0.024	<0.0000050	44.4	<0.00050	<0.00010	0.00264	<0.030
	09/05/16	0.027	0.0000363	44.7	<0.00050	<0.00010	0.00329	<0.030
	06/06/16	0.025	<0.0000050	43.8	<0.00050	<0.00010	0.00331	<0.030
<b>P1-B</b>	14/04/16	0.024	<0.0000050	44.4	<0.00050	<0.00010	0.00257	<0.030
	09/05/16	0.026	<0.0000050	44	<0.00050	<0.00010	0.00339	<0.030
	06/06/16	0.025	<0.0000050	43.9	<0.00050	<0.00010	0.00332	<0.030
<b>P2-S</b>	14/04/16	0.024	<0.0000050	45.7	<0.00050	<0.00010	0.00255	<0.030
	09/05/16	0.026	<0.0000050	44	<0.00050	<0.00010	0.00374	<0.030
	06/06/16	0.025	<0.0000050	43.3	<0.00050	<0.00010	0.00285	<0.030
<b>P2-5</b>	09/05/16	0.026	<0.0000050	42.9	<0.00050	<0.00010	0.00279	<0.030
	06/06/16	0.025	<0.0000050	42.3	<0.00050	<0.00010	0.00311	<0.030
<b>P2-10</b>	14/04/16	0.024	<0.0000050	46	<0.00050	<0.00010	0.00269	<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)
<b>P1-S</b>	14/04/16	<0.000050	<0.0010	5.64	0.00928	0.00869	<0.00050	1.27
	09/05/16	<0.000050	<0.0010	5.7	0.00074	0.00932	<0.00050	1.32
	06/06/16	<0.000050	<0.0010	5.81	0.00556	0.00937	<0.00050	1.31
<b>P1-10</b>	14/04/16	0.000721	<0.0010	5.91	0.0155	0.00867	<0.00050	1.34
	09/05/16	0.000294	<0.0010	5.64	0.00117	0.00926	<0.00050	1.31
	06/06/16	0.00028	<0.0010	5.74	0.00292	0.00949	<0.00050	1.31
<b>P1-5</b>	09/05/16	0.000538	<0.0010	5.69	0.00084	0.00931	<0.00050	1.33
	06/06/16	0.000525	<0.0010	5.79	0.00494	0.00935	<0.00050	1.28
<b>P1-15</b>	09/05/16	0.00017	<0.0010	5.63	0.00289	0.00941	<0.00050	1.32
	06/06/16	0.000224	<0.0010	5.86	0.00104	0.00945	<0.00050	1.33
<b>P1-20</b>	14/04/16	0.000263	<0.0010	5.8	0.0278	0.00892	<0.00050	1.34
	09/05/16	0.000158	<0.0010	5.79	0.0205	0.00931	<0.00050	1.38
	06/06/16	0.000184	<0.0010	5.92	0.00079	0.00952	<0.00050	1.32
<b>P1-B</b>	14/04/16	0.00022	<0.0010	5.89	0.234	0.00889	<0.00050	1.36
	09/05/16	0.000135	<0.0010	5.69	0.0482	0.00882	<0.00050	1.41
	06/06/16	0.000184	<0.0010	5.89	0.00469	0.0096	<0.00050	1.34
<b>P2-S</b>	14/04/16	<0.000050	<0.0010	5.97	0.0607	0.00863	<0.00050	1.36
	09/05/16	0.000076	<0.0010	5.72	0.00138	0.00957	<0.00050	1.39
	06/06/16	<0.000050	<0.0010	5.87	0.00584	0.00963	<0.00050	1.32
<b>P2-5</b>	09/05/16	0.000135	<0.0010	5.6	0.00061	0.00929	<0.00050	1.29
	06/06/16	0.000297	<0.0010	5.76	0.00545	0.00989	<0.00050	1.33
<b>P2-10</b>	14/04/16	0.000204	<0.0010	6.09	0.0627	0.00861	<0.00050	1.37

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# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>P1-S</b>	14/04/16	0.000725	2.85	<0.000010	8.89	0.289	<0.000010	<0.00010
	09/05/16	0.000721	2.71	<0.000010	9.44	0.299	<0.000010	<0.00010
	06/06/16	0.000715	2.44	<0.000010	9.02	0.301	<0.000010	<0.00010
<b>P1-10</b>	14/04/16	0.000688	2.95	<0.000010	9.24	0.291	<0.000010	<0.00010
	09/05/16	0.000736	2.76	<0.000010	9.4	0.296	<0.000010	<0.00010
	06/06/16	0.000695	2.58	<0.000010	8.95	0.31	<0.000010	<0.00010
<b>P1-5</b>	09/05/16	0.000739	2.71	<0.000010	9.47	0.298	<0.000010	<0.00010
	06/06/16	0.000725	2.47	<0.000010	8.89	0.301	<0.000010	<0.00010
<b>P1-15</b>	09/05/16	0.000725	2.79	<0.000010	9.51	0.3	<0.000010	<0.00010
	06/06/16	0.000707	2.93	<0.000010	9.19	0.31	<0.000010	<0.00010
<b>P1-20</b>	14/04/16	0.00069	2.88	<0.000010	9.29	0.293	<0.000010	<0.00010
	09/05/16	0.000759	2.91	<0.000010	9.8	0.309	<0.000010	<0.00010
	06/06/16	0.000676	3.03	<0.000010	9.04	0.312	<0.000010	<0.00010
<b>P1-B</b>	14/04/16	0.000726	3.16	<0.000010	9.47	0.296	<0.000010	<0.00010
	09/05/16	0.000739	2.97	<0.000010	9.82	0.292	<0.000010	<0.00010
	06/06/16	0.00066	3.15	<0.000010	9.1	0.314	<0.000010	<0.00010
<b>P2-S</b>	14/04/16	0.00069	3.11	<0.000010	9.36	0.295	<0.000010	<0.00010
	09/05/16	0.000731	2.93	<0.000010	9.73	0.308	<0.000010	<0.00010
	06/06/16	0.000694	2.5	<0.000010	9.1	0.313	<0.000010	<0.00010
<b>P2-5</b>	09/05/16	0.000728	2.66	<0.000010	9.36	0.304	<0.000010	<0.00010
	06/06/16	0.000679	2.46	<0.000010	9.1	0.316	<0.000010	<0.00010
<b>P2-10</b>	14/04/16	0.000691	3.2	<0.000010	9.49	0.296	<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-Apr-2016 to: 30-Jun-2016

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>P1-S</b>	14/04/16	0.01	0.000229	0.00069	<0.0030
	09/05/16	<0.010	0.000237	0.00073	<0.0030
	06/06/16	<0.010	0.000242	0.00079	<0.0030
<b>P1-10</b>	14/04/16	0.011	0.000223	0.00075	<0.0030
	09/05/16	<0.010	0.000239	0.00076	<0.0030
	06/06/16	<0.010	0.000249	0.00075	<0.0030
<b>P1-5</b>	09/05/16	<0.010	0.000239	0.00075	<0.0030
	06/06/16	<0.010	0.000235	0.00081	<0.0030
<b>P1-15</b>	09/05/16	<0.010	0.000244	0.00074	<0.0030
	06/06/16	<0.010	0.000249	0.00076	<0.0030
<b>P1-20</b>	14/04/16	0.01	0.000232	0.0007	<0.0030
	09/05/16	<0.010	0.000247	0.00083	<0.0030
	06/06/16	<0.010	0.000261	0.00075	<0.0030
<b>P1-B</b>	14/04/16	0.01	0.000239	0.00081	<0.0030
	09/05/16	<0.010	0.000246	0.00083	<0.0030
	06/06/16	<0.010	0.000258	0.00074	<0.0030
<b>P2-S</b>	14/04/16	<0.010	0.000225	0.00071	<0.0030
	09/05/16	<0.010	0.000251	0.00086	<0.0030
	06/06/16	<0.010	0.000249	0.00078	<0.0030
<b>P2-5</b>	09/05/16	<0.010	0.000232	0.00076	<0.0030
	06/06/16	<0.010	0.000258	0.00079	<0.0030
<b>P2-10</b>	14/04/16	0.011	0.000227	0.00067	<0.0030

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# Monitoring data report for: Polley Lake



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>P2-10</b>	09/05/16	280	132	8.23	169	1.8	1.34	94.3
	06/06/16	280	131	8.11	186	<1.0	0.75	99.2
<b>P2-15</b>	09/05/16	283	133	8.12	173	2.9	2.39	94.3
	06/06/16	284	133	8.01	190	<1.0	1.15	104
<b>P2-20</b>	14/04/16	290	140	7.97	188	2.7	1.49	97.6
	09/05/16	281	133	8.08	173	2.8	2.37	95
	06/06/16	282	132	7.97	190	1.4	1.29	99.5
<b>P2-B</b>	14/04/16	290	140	7.92	176	3.1	2.52	95.9
	09/05/16	282	133	8.06	184	2.7	2.42	95.8
	06/06/16	284	134	7.94	192	2	1.46	99.7

# Monitoring data report for: Polley 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)
<b>P2-10</b>	09/05/16	<0.0050	1.3	0.088	<0.0050	<0.0051	<0.0010	0.0024
	06/06/16	<0.0050	1.26	0.085	<0.0050	<0.0051	<0.0010	0.0037
<b>P2-15</b>	09/05/16	0.0052	1.3	0.088	0.049	0.049	<0.0010	0.0117
	06/06/16	0.0055	1.28	0.085	0.0924	0.0924	<0.0010	0.0192
<b>P2-20</b>	14/04/16	0.0082	1.35	0.093	0.12	0.12	<0.0010	0.024
	09/05/16	0.0107	1.31	0.089	0.0836	0.0836	<0.0010	0.0157
	06/06/16	<0.0050	1.28	0.085	0.125	0.125	<0.0010	0.0247
<b>P2-B</b>	14/04/16	0.0128	1.35	0.092	0.142	0.144	0.0013	0.0295
	09/05/16	0.0116	1.32	0.089	0.1	0.1	<0.0010	0.0191
	06/06/16	0.0062	1.28	0.085	0.128	0.128	<0.0010	0.0257

# Monitoring data report for: Polley Lake



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>P2-10</b>	09/05/16	0.0067	0.0256	46.1	0.335	5.92	0.0483	0.00013
	06/06/16	0.0077	0.0132	45.9	0.296	5.6	0.0221	0.00015
<b>P2-15</b>	09/05/16	0.0263	0.0337	46.2	0.403	5.86	0.107	0.00013
	06/06/16	0.0219	0.0235	46	0.366	5.49	0.0403	0.00013
<b>P2-20</b>	14/04/16	0.0279	0.0432	47.8	0.429	5.66	0.0622	0.00013
	09/05/16	0.0219	0.0292	46.4	0.358	5.85	0.112	0.00013
	06/06/16	0.027	0.0334	46.1	0.431	5.76	0.0406	0.00013
<b>P2-B</b>	14/04/16	0.0343	0.0483	47.9	0.482	5.74	0.0697	0.00012
	09/05/16	0.0249	0.0388	46.4	0.372	5.74	0.128	0.00013
	06/06/16	0.0294	0.0346	46.1	0.495	5.59	0.0452	0.00016

# Monitoring data report for: Polley Lake



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>P2-10</b>	09/05/16	0.00086	0.0114	<0.00010	<0.000050	0.028	<0.0000050	42
	06/06/16	0.00082	0.0107	<0.00010	<0.000050	0.027	<0.0000050	42.8
<b>P2-15</b>	09/05/16	0.00095	0.0127	<0.00010	<0.000050	0.027	<0.0000050	42.8
	06/06/16	0.00083	0.0112	<0.00010	<0.000050	0.027	<0.0000050	42.4
<b>P2-20</b>	14/04/16	0.0009	0.0113	<0.00010	<0.000050	0.024	<0.0000050	45.4
	09/05/16	0.00087	0.0124	<0.00010	<0.000050	0.027	<0.0000050	41.9
	06/06/16	0.00083	0.0111	<0.00010	<0.000050	0.027	<0.0000050	42.3
<b>P2-B</b>	14/04/16	0.00082	0.011	<0.00010	<0.000050	0.023	<0.0000050	43.2
	09/05/16	0.00095	0.013	<0.00010	<0.000050	0.028	<0.0000050	43.8
	06/06/16	0.00085	0.0112	<0.00010	<0.000050	0.026	<0.0000050	42.8

# Monitoring data report for: Polley Lake



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>P2-10</b>	09/05/16	<0.00050	<0.00010	0.00413	<0.030	0.00015	<0.0010	5.53
	06/06/16	<0.00050	<0.00010	0.00341	<0.030	0.000119	<0.0010	5.86
<b>P2-15</b>	09/05/16	<0.00050	<0.00010	0.00531	0.066	0.000129	<0.0010	5.65
	06/06/16	<0.00050	<0.00010	0.00411	<0.030	0.000105	<0.0010	5.79
<b>P2-20</b>	14/04/16	<0.00050	<0.00010	0.00415	0.046	0.000104	<0.0010	6.07
	09/05/16	<0.00050	<0.00010	0.00578	0.071	0.000095	<0.0010	5.5
	06/06/16	<0.00050	<0.00010	0.00408	<0.030	0.000091	<0.0010	5.76
<b>P2-B</b>	14/04/16	<0.00050	<0.00010	0.00473	0.053	0.000146	<0.0010	5.74
	09/05/16	<0.00050	<0.00010	0.00555	0.075	0.000081	<0.0010	5.73
	06/06/16	<0.00050	<0.00010	0.00415	<0.030	0.000075	<0.0010	5.81

# Monitoring data report for: Polley Lake



**Mount Polley**  
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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)
<b>P2-10</b>	09/05/16	0.0274	0.01	<0.00050	1.39	0.000675	2.76	<0.000010
	06/06/16	0.00617	0.0107	<0.00050	1.36	0.0007	2.74	<0.000010
<b>P2-15</b>	09/05/16	0.0611	0.0103	<0.00050	1.41	0.000711	3.08	<0.000010
	06/06/16	0.0166	0.0107	<0.00050	1.39	0.000684	3.13	<0.000010
<b>P2-20</b>	14/04/16	0.0833	0.00975	<0.00050	1.41	0.000741	3.49	<0.000010
	09/05/16	0.0945	0.00987	<0.00050	1.37	0.000704	3.08	<0.000010
	06/06/16	0.0226	0.0103	<0.00050	1.38	0.000707	3.23	<0.000010
<b>P2-B</b>	14/04/16	0.0947	0.00901	<0.00050	1.36	0.000667	3.37	<0.000010
	09/05/16	0.117	0.0104	<0.00050	1.42	0.000672	3.27	<0.000010
	06/06/16	0.0241	0.00995	<0.00050	1.4	0.000789	3.25	<0.000010

# Monitoring data report for: Polley Lake



**Mount Polley**  
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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)
<b>P2-10</b>	09/05/16	9.71	0.306	<0.000010	<0.00010	<0.010	0.000265	0.00094
	06/06/16	9.53	0.326	<0.000010	<0.00010	0.01	0.000291	0.00085
<b>P2-15</b>	09/05/16	9.73	0.315	<0.000010	<0.00010	0.012	0.000277	0.00105
	06/06/16	9.6	0.329	<0.000010	<0.00010	0.01	0.000297	0.00088
<b>P2-20</b>	14/04/16	9.58	0.31	<0.000010	<0.00010	0.016	0.000261	0.00093
	09/05/16	9.39	0.304	<0.000010	<0.00010	0.011	0.000271	0.00106
	06/06/16	9.55	0.323	<0.000010	<0.00010	0.011	0.000284	0.00088
<b>P2-B</b>	14/04/16	9.26	0.292	<0.000010	<0.00010	0.013	0.00025	0.00089
	09/05/16	9.69	0.318	<0.000010	<0.00010	0.012	0.000281	0.00113
	06/06/16	9.57	0.31	<0.000010	<0.00010	<0.010	0.000273	0.0009



# Monitoring data report for: Polley Lake



**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)
<b>P2-10</b>	09/05/16	<0.0030	0.0033	0.00011	0.00091	0.0107	<0.00010	<0.000050
	06/06/16	<0.0030	0.0031	<0.00010	0.00082	0.0104	<0.00010	<0.000050
<b>P2-15</b>	09/05/16	<0.0030	0.0043	0.0001	0.00089	0.0106	<0.00010	<0.000050
	06/06/16	<0.0030	0.0031	0.00011	0.00081	0.0102	<0.00010	<0.000050
<b>P2-20</b>	14/04/16	<0.0030	<0.0030	0.00011	0.00084	0.0102	<0.00010	<0.000050
	09/05/16	<0.0030	0.0036	0.00011	0.00092	0.0106	<0.00010	<0.000050
	06/06/16	0.0044	0.0122	<0.00010	0.00078	0.0103	<0.00010	<0.000050
<b>P2-B</b>	14/04/16	<0.0030	0.0031	0.00012	0.0008	0.0103	<0.00010	<0.000050
	09/05/16	<0.0030	0.0051	0.00013	0.00088	0.0105	<0.00010	<0.000050
	06/06/16	0.0031	0.0033	0.00012	0.00085	0.0103	<0.00010	<0.000050

# Monitoring data report for: Polley Lake



**Mount Polley**  
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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)
<b>P2-10</b>	09/05/16	0.026	<0.0000050	43.4	<0.00050	<0.00010	0.00309	<0.030
	06/06/16	0.025	<0.0000050	43	<0.00050	<0.00010	0.00299	<0.030
<b>P2-15</b>	09/05/16	0.027	<0.0000050	44	<0.00050	<0.00010	0.00307	<0.030
	06/06/16	0.025	<0.0000050	43.5	<0.00050	<0.00010	0.00335	<0.030
<b>P2-20</b>	14/04/16	0.024	<0.0000050	46	<0.00050	<0.00010	0.00279	<0.030
	09/05/16	0.026	<0.0000050	43.8	<0.00050	<0.00010	0.00299	<0.030
	06/06/16	0.025	<0.0000050	43.2	<0.00050	<0.00010	0.00315	<0.030
<b>P2-B</b>	14/04/16	0.024	<0.0000050	46	<0.00050	<0.00010	0.00288	<0.030
	09/05/16	0.026	<0.0000050	43.9	<0.00050	<0.00010	0.00318	<0.030
	06/06/16	0.025	<0.0000050	43.8	<0.00050	<0.00010	0.00329	<0.030

# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>P2-10</b>	09/05/16	0.000127	<0.0010	5.67	0.00067	0.0095	<0.00050	1.36
	06/06/16	0.000196	<0.0010	5.85	0.00299	0.0098	<0.00050	1.33
<b>P2-15</b>	09/05/16	0.000095	<0.0010	5.66	0.0111	0.00941	<0.00050	1.37
	06/06/16	0.000182	<0.0010	5.88	0.00155	0.00974	<0.00050	1.36
<b>P2-20</b>	14/04/16	0.000155	<0.0010	6.02	0.0608	0.00873	<0.00050	1.34
	09/05/16	0.000082	<0.0010	5.71	0.0266	0.00942	<0.00050	1.37
	06/06/16	<0.000050	<0.0010	5.9	0.00069	0.00964	<0.00050	1.35
<b>P2-B</b>	14/04/16	0.000142	<0.0010	6.09	0.0727	0.00863	<0.00050	1.34
	09/05/16	0.0001	<0.0010	5.73	0.0403	0.00935	<0.00050	1.35
	06/06/16	<0.000050	<0.0010	5.89	0.00194	0.00925	<0.00050	1.36

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# Monitoring data report for: Polley Lake



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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)
<b>P2-10</b>	09/05/16	0.000752	2.7	<0.000010	9.49	0.308	<0.000010	<0.00010
	06/06/16	0.000686	2.63	<0.000010	9.24	0.315	<0.000010	<0.00010
<b>P2-15</b>	09/05/16	0.000749	2.84	<0.000010	9.51	0.307	<0.000010	<0.00010
	06/06/16	0.000709	3.03	<0.000010	9.22	0.316	<0.000010	<0.00010
<b>P2-20</b>	14/04/16	0.00066	3.23	<0.000010	9.22	0.298	<0.000010	<0.00010
	09/05/16	0.000681	2.95	<0.000010	9.58	0.305	<0.000010	<0.00010
	06/06/16	0.000703	3.17	<0.000010	9.11	0.318	<0.000010	<0.00010
<b>P2-B</b>	14/04/16	0.000742	3.36	<0.000010	9.28	0.299	<0.000010	<0.00010
	09/05/16	0.000787	2.98	<0.000010	9.39	0.303	<0.000010	<0.00010
	06/06/16	0.000681	3.17	<0.000010	9.31	0.302	<0.000010	<0.00010

# Monitoring data report for: Polley Lake



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		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>P2-10</b>	09/05/16	<0.010	0.000242	0.00081	0.003
	06/06/16	<0.010	0.000247	0.0008	<0.0030
<b>P2-15</b>	09/05/16	<0.010	0.000252	0.00079	<0.0030
	06/06/16	<0.010	0.000258	0.00074	<0.0030
<b>P2-20</b>	14/04/16	0.01	0.000228	0.00072	<0.0030
	09/05/16	<0.010	0.000257	0.00084	<0.0030
	06/06/16	<0.010	0.00026	0.00076	0.0043
<b>P2-B</b>	14/04/16	0.011	0.000234	0.00071	<0.0030
	09/05/16	<0.010	0.000266	0.00085	<0.0030
	06/06/16	<0.010	0.000246	0.00079	<0.0030

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>QUL-120a-0m</b>	26/04/16	110	51	7.88	58	<1.0	0.38	49.2
	19/05/16	93	46.5	7.79	63	1.1	0.75	43.1
	27/06/16	95.3	47.1	7.78	78	<1.0	0.27	38.6
<b>QUL-120a-120m</b>	26/04/16	113	53.4	7.9	61	<1.0	0.27	50.4
	19/05/16	109	54.2	7.77	66	1.2	0.38	50.4
	27/06/16	108	53.3	7.86	80	<1.0	0.26	48.3
<b>QUL-120a-140m</b>	26/04/16	113	53.3	7.9	60	<1.0	0.3	50.5
	19/05/16	108	53.7	7.77	68	1.3	0.53	48.9
	27/06/16	108	53.3	7.85	81	<1.0	0.22	48.6
<b>QUL-120a-40m</b>	26/04/16	114	53	7.89	61	<1.0	0.19	49.9
	19/05/16	108	52.5	7.8	71	3.3	2.11	49.6
	27/06/16	107	53.4	7.73	88	<1.0	0.31	42.9
<b>QUL-120a-80m</b>	26/04/16	112	53.3	7.89	62	<1.0	0.2	49.6
	19/05/16	108	53.9	7.77	65	1.1	0.66	49.1
	27/06/16	108	53.2	7.84	84	<1.0	0.38	48
<b>QUL-18-0m</b>	26/04/16	114	53.8	7.94	68	<1.0	0.26	51.1
	19/05/16	104	51.8	7.93	70	1.1	0.53	49.5
	30/05/16	106	52.4	7.94	76	<1.0	0.33	49.4
	28/06/16	96.2	47.1	7.83	66	<1.0	0.32	42.6
<b>QUL-18-100m</b>	26/04/16	117	53.9	7.93	61	<1.0	0.68	50.5
	19/05/16	111	55.1	7.93	63	1.3	0.5	52.1
	30/05/16	114	56.1	7.94	66	<1.0	0.63	51.6

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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-120a-0m	26/04/16	<0.0050	<0.50	0.034	0.123	0.123	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.032	0.0672	0.0672	<0.0010	<0.0010
	27/06/16	0.0079	<0.50	0.033	0.0636	0.0636	<0.0010	<0.0010
QUL-120a-120m	26/04/16	<0.0050	<0.50	0.034	0.132	0.132	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.033	0.136	0.136	<0.0010	<0.0010
	27/06/16	<0.0050	<0.50	0.034	0.141	0.141	<0.0010	<0.0010
QUL-120a-140m	26/04/16	<0.0050	<0.50	0.035	0.135	0.135	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.034	0.138	0.138	<0.0010	<0.0010
	27/06/16	<0.0050	<0.50	0.033	0.142	0.142	<0.0010	<0.0010
QUL-120a-40m	26/04/16	<0.0050	<0.50	0.034	0.134	0.134	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.033	0.137	0.137	<0.0010	<0.0010
	27/06/16	<0.0050	<0.50	0.034	0.137	0.137	<0.0010	0.0011
QUL-120a-80m	26/04/16	<0.0050	<0.50	0.035	0.133	0.133	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.032	0.136	0.136	<0.0010	<0.0010
	27/06/16	<0.0050	<0.50	0.034	0.141	0.141	<0.0010	<0.0010
QUL-18-0m	26/04/16	<0.0050	<0.50	0.036	0.112	0.112	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.032	0.0894	0.0894	<0.0010	<0.0010
	30/05/16	<0.0050	<0.50	0.037	0.101	0.101	<0.0010	<0.0010
	28/06/16	<0.0050	<0.50	0.034	0.0631	0.0631	<0.0010	0.0015
QUL-18-100m	26/04/16	<0.0050	<0.50	0.035	0.126	0.126	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.033	0.13	0.13	<0.0010	<0.0010
	30/05/16	<0.0050	<0.50	0.039	0.144	0.144	<0.0010	<0.0010

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# Monitoring data report for: Quesnel Lake



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This report covers the period from: 1-Apr-2016 to: 30-Jun-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-120a-0m	26/04/16	<0.0020	0.0022	6.07	0.2	1.83	0.0274	<0.00010
	19/05/16	<0.0020	0.0086	5.31	0.198	2.56	0.0394	<0.00010
	27/06/16	0.0023	0.0024	5.54	0.174	2.1	0.0198	<0.00010
QUL-120a-120m	26/04/16	<0.0020	<0.0020	6.28	0.193	1.48	0.0166	<0.00010
	19/05/16	<0.0020	0.0048	6.19	0.182	1.56	0.0364	<0.00010
	27/06/16	<0.0020	<0.0020	6.28	0.175	1.46	0.0114	<0.00010
QUL-120a-140m	26/04/16	<0.0020	<0.0020	6.32	0.194	1.43	0.0126	<0.00010
	19/05/16	<0.0020	0.0043	6.19	0.177	1.67	0.046	<0.00010
	27/06/16	<0.0020	0.004	6.26	0.192	1.39	0.0138	<0.00010
QUL-120a-40m	26/04/16	<0.0020	<0.0020	6.32	0.188	1.42	0.0158	<0.00010
	19/05/16	<0.0020	0.0065	6.25	0.18	1.46	0.0855	<0.00010
	27/06/16	<0.0020	0.0028	6.29	0.194	1.76	0.0167	<0.00010
QUL-120a-80m	26/04/16	<0.0020	<0.0020	6.3	0.191	1.6	0.0189	<0.00010
	19/05/16	<0.0020	0.0055	6.21	0.179	1.48	0.0401	<0.00010
	27/06/16	<0.0020	<0.0020	6.28	0.176	1.61	0.0125	<0.00010
QUL-18-0m	26/04/16	<0.0020	0.0057	6.61	0.18	1.96	0.0185	<0.00010
	19/05/16	<0.0020	0.0037	5.94	0.165	2.06	0.0235	<0.00010
	30/05/16	<0.0020	0.0043	6.25	0.178	1.95	0.0157	<0.00010
	28/06/16	<0.0020	0.0037	5.77	0.146	2.08	0.0165	<0.00010
QUL-18-100m	26/04/16	<0.0020	<0.0020	7.19	0.189	1.63	0.0452	<0.00010
	19/05/16	<0.0020	0.004	7.09	0.184	1.69	0.0506	<0.00010
	30/05/16	<0.0020	0.0045	8.05	0.207	1.68	0.0396	<0.00010

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This report covers the period from: 1-Apr-2016 to: 30-Jun-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-120a-0m	26/04/16	0.00011	0.00569	<0.00010	<0.000050	<0.010	<0.0000050	17
	19/05/16	0.00018	0.00681	<0.00010	<0.000050	<0.010	<0.0000050	15.3
	27/06/16	0.00013	0.00541	<0.00010	<0.000050	<0.010	<0.0000050	15.3
QUL-120a-120m	26/04/16	0.00012	0.00553	<0.00010	<0.000050	<0.010	<0.0000050	18
	19/05/16	0.00012	0.00596	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	27/06/16	0.0001	0.00496	<0.00010	<0.000050	<0.010	<0.0000050	17.4
QUL-120a-140m	26/04/16	0.00011	0.00523	<0.00010	<0.000050	<0.010	<0.0000050	17.7
	19/05/16	0.00014	0.00602	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	27/06/16	0.00011	0.0051	<0.00010	<0.000050	<0.010	<0.0000050	17.3
QUL-120a-40m	26/04/16	0.00012	0.00527	<0.00010	<0.000050	<0.010	<0.0000050	17.7
	19/05/16	0.00015	0.00723	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	27/06/16	0.00011	0.00524	<0.00010	<0.000050	<0.010	<0.0000050	17.5
QUL-120a-80m	26/04/16	0.00011	0.00546	<0.00010	<0.000050	<0.010	<0.0000050	18
	19/05/16	0.00013	0.00632	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	27/06/16	0.00011	0.00504	<0.00010	<0.000050	<0.010	<0.0000050	17.4
QUL-18-0m	26/04/16	0.00011	0.00534	<0.00010	<0.000050	<0.010	<0.0000050	18.5
	19/05/16	0.00015	0.00602	<0.00010	<0.000050	<0.010	<0.0000050	17.1
	30/05/16	0.00011	0.00554	<0.00010	<0.000050	<0.010	<0.0000050	17.5
	28/06/16	0.00014	0.00532	<0.00010	<0.000050	<0.010	<0.0000050	15.7
QUL-18-100m	26/04/16	0.00013	0.00622	<0.00010	<0.000050	<0.010	<0.0000050	18.7
	19/05/16	0.00015	0.00689	<0.00010	<0.000050	<0.010	<0.0000050	18.7
	30/05/16	0.00014	0.00612	<0.00010	<0.000050	<0.010	<0.0000050	18.2

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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)
<b>QUL-120a-0m</b>	26/04/16	<0.00050	<0.00010	0.00075	0.046	<0.000050	<0.0010	1.96
	19/05/16	<0.00050	<0.00010	0.00114	0.058	<0.000050	<0.0010	2.01
	27/06/16	<0.00050	<0.00010	0.0008	<0.030	<0.000050	<0.0010	1.86
<b>QUL-120a-120m</b>	26/04/16	<0.00050	<0.00010	0.00092	<0.030	0.000077	<0.0010	2.07
	19/05/16	<0.00050	<0.00010	0.0014	0.031	0.000076	<0.0010	2.08
	27/06/16	<0.00050	<0.00010	0.00078	<0.030	0.000122	<0.0010	2.01
<b>QUL-120a-140m</b>	26/04/16	<0.00050	<0.00010	0.00089	<0.030	0.000083	<0.0010	2
	19/05/16	<0.00050	<0.00010	0.00167	0.039	0.000076	<0.0010	2.1
	27/06/16	<0.00050	<0.00010	0.00089	<0.030	0.000115	<0.0010	2
<b>QUL-120a-40m</b>	26/04/16	<0.00050	<0.00010	0.00093	<0.030	0.000227	<0.0010	1.99
	19/05/16	<0.00050	<0.00010	0.00251	0.06	0.00012	<0.0010	2.09
	27/06/16	<0.00050	<0.00010	0.00138	<0.030	0.000322	<0.0010	2.03
<b>QUL-120a-80m</b>	26/04/16	<0.00050	<0.00010	0.00113	<0.030	0.000175	<0.0010	2.04
	19/05/16	<0.00050	<0.00010	0.00148	0.033	0.00007	<0.0010	2.08
	27/06/16	<0.00050	<0.00010	0.0008	<0.030	0.000165	<0.0010	1.99
<b>QUL-18-0m</b>	26/04/16	<0.00050	<0.00010	0.00124	<0.030	<0.000050	<0.0010	2.13
	19/05/16	<0.00050	<0.00010	0.00098	<0.030	0.000065	<0.0010	2.06
	30/05/16	<0.00050	<0.00010	0.00073	<0.030	<0.000050	<0.0010	2.04
	28/06/16	<0.00050	<0.00010	0.00073	<0.030	<0.000050	<0.0010	1.91
<b>QUL-18-100m</b>	26/04/16	<0.00050	<0.00010	0.00196	0.033	0.000085	<0.0010	2.15
	19/05/16	<0.00050	<0.00010	0.00229	0.035	0.000057	<0.0010	2.2
	30/05/16	<0.00050	<0.00010	0.00201	<0.030	0.000115	<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)
<b>QUL-120a-0m</b>	26/04/16	0.00207	0.000337	<0.00050	0.491	0.000093	1.82	<0.000010
	19/05/16	0.00413	0.000427	<0.00050	0.607	0.000132	2.06	<0.000010
	27/06/16	0.00198	0.000391	<0.00050	0.501	0.00011	1.74	<0.000010
<b>QUL-120a-120m</b>	26/04/16	0.00148	0.000351	<0.00050	0.49	0.000081	1.8	<0.000010
	19/05/16	0.00148	0.0003	<0.00050	0.582	0.000084	1.76	<0.000010
	27/06/16	0.00083	0.000319	<0.00050	0.488	0.000075	1.68	<0.000010
<b>QUL-120a-140m</b>	26/04/16	0.00096	0.000327	<0.00050	0.471	0.000082	1.71	<0.000010
	19/05/16	0.00171	0.000317	<0.00050	0.561	0.000078	1.81	<0.000010
	27/06/16	0.00084	0.000329	<0.00050	0.494	0.000085	1.69	<0.000010
<b>QUL-120a-40m</b>	26/04/16	0.00103	0.000337	<0.00050	0.475	0.000085	1.74	<0.000010
	19/05/16	0.0022	0.000315	<0.00050	0.612	0.000065	1.84	<0.000010
	27/06/16	0.00118	0.000365	<0.00050	0.497	0.000088	1.74	<0.000010
<b>QUL-120a-80m</b>	26/04/16	0.00139	0.000337	<0.00050	0.482	0.000097	1.77	<0.000010
	19/05/16	0.00154	0.000289	<0.00050	0.587	0.000099	1.78	<0.000010
	27/06/16	0.0009	0.000313	<0.00050	0.507	0.000108	1.66	<0.000010
<b>QUL-18-0m</b>	26/04/16	0.00109	0.000498	<0.00050	0.501	0.000128	1.8	<0.000010
	19/05/16	0.0019	0.000365	<0.00050	0.533	0.000124	1.82	<0.000010
	30/05/16	0.00138	0.000483	<0.00050	0.503	0.000112	1.79	<0.000010
	28/06/16	0.00191	0.000354	0.00055	0.517	0.000134	1.75	<0.000010
<b>QUL-18-100m</b>	26/04/16	0.00197	0.000637	<0.00050	0.5	0.000133	1.84	<0.000010
	19/05/16	0.00204	0.000582	<0.00050	0.639	0.000097	1.85	<0.000010
	30/05/16	0.00205	0.000845	<0.00050	0.536	0.000165	1.78	<0.000010

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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-120a-0m	26/04/16	0.951	0.13	<0.000010	<0.00010	<0.010	0.000157	<0.00050
	19/05/16	0.99	0.102	<0.000010	<0.00010	<0.010	0.000123	<0.00050
	27/06/16	0.905	0.11	<0.000010	<0.00010	<0.010	0.000133	<0.00050
QUL-120a-120m	26/04/16	0.988	0.139	<0.000010	<0.00010	<0.010	0.000167	<0.00050
	19/05/16	0.926	0.131	<0.000010	<0.00010	<0.010	0.000156	<0.00050
	27/06/16	0.941	0.127	<0.000010	<0.00010	<0.010	0.000154	<0.00050
QUL-120a-140m	26/04/16	0.94	0.137	<0.000010	<0.00010	<0.010	0.000163	<0.00050
	19/05/16	0.915	0.131	<0.000010	<0.00010	<0.010	0.000156	<0.00050
	27/06/16	0.947	0.13	<0.000010	0.00015	<0.010	0.000155	<0.00050
QUL-120a-40m	26/04/16	0.944	0.137	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	19/05/16	0.968	0.134	<0.000010	<0.00010	<0.010	0.000159	<0.00050
	27/06/16	0.953	0.128	<0.000010	<0.00010	<0.010	0.000154	<0.00050
QUL-120a-80m	26/04/16	0.969	0.137	<0.000010	<0.00010	<0.010	0.000171	<0.00050
	19/05/16	0.957	0.128	<0.000010	<0.00010	<0.010	0.000154	0.00066
	27/06/16	0.964	0.138	<0.000010	<0.00010	<0.010	0.000175	<0.00050
QUL-18-0m	26/04/16	0.984	0.141	<0.000010	<0.00010	<0.010	0.00018	<0.00050
	19/05/16	0.934	0.121	<0.000010	<0.00010	<0.010	0.000145	<0.00050
	30/05/16	0.988	0.13	<0.000010	<0.00010	<0.010	0.000171	<0.00050
	28/06/16	0.964	0.117	<0.000010	<0.00010	<0.010	0.00014	<0.00050
QUL-18-100m	26/04/16	1.09	0.148	<0.000010	<0.00010	<0.010	0.000178	<0.00050
	19/05/16	1.1	0.137	<0.000010	<0.00010	<0.010	0.000167	<0.00050
	30/05/16	1.07	0.139	<0.000010	<0.00010	<0.010	0.000173	<0.00050

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-120a-0m</b>	26/04/16	<0.0030	0.0109	<0.00010	0.0001	0.00543	<0.00010	<0.000050
	19/05/16	<0.0030	0.0145	<0.00010	0.00013	0.00632	<0.00010	<0.000050
	27/06/16	<0.0030	0.0137	<0.00010	0.00011	0.00546	<0.00010	<0.000050
<b>QUL-120a-120m</b>	26/04/16	<0.0030	0.0059	<0.00010	<0.00010	0.00529	<0.00010	<0.000050
	19/05/16	<0.0030	0.0065	<0.00010	0.00012	0.00531	<0.00010	<0.000050
	27/06/16	<0.0030	0.0052	<0.00010	<0.00010	0.00507	<0.00010	<0.000050
<b>QUL-120a-140m</b>	26/04/16	<0.0030	0.0054	<0.00010	<0.00010	0.00521	<0.00010	<0.000050
	19/05/16	<0.0030	0.0081	<0.00010	0.00011	0.00541	<0.00010	<0.000050
	27/06/16	<0.0030	0.0049	<0.00010	<0.00010	0.00508	<0.00010	<0.000050
<b>QUL-120a-40m</b>	26/04/16	<0.0030	0.005	<0.00010	<0.00010	0.00512	<0.00010	<0.000050
	19/05/16	<0.0030	0.0072	<0.00010	<0.00010	0.00571	<0.00010	<0.000050
	27/06/16	<0.0030	0.0073	<0.00010	<0.00010	0.00526	<0.00010	<0.000050
<b>QUL-120a-80m</b>	26/04/16	<0.0030	0.0063	<0.00010	<0.00010	0.00522	<0.00010	<0.000050
	19/05/16	<0.0030	0.0064	<0.00010	0.00011	0.0056	<0.00010	<0.000050
	27/06/16	<0.0030	0.005	<0.00010	<0.00010	0.00506	<0.00010	<0.000050
<b>QUL-18-0m</b>	26/04/16	<0.0030	0.0068	<0.00010	<0.00010	0.00534	<0.00010	<0.000050
	19/05/16	<0.0030	0.0083	<0.00010	0.0001	0.00575	<0.00010	<0.000050
	30/05/16	<0.0030	0.0084	<0.00010	0.0001	0.00533	<0.00010	<0.000050
	28/06/16	<0.0030	0.0138	<0.00010	0.0001	0.00548	<0.00010	<0.000050
<b>QUL-18-100m</b>	26/04/16	<0.0030	0.0075	<0.00010	0.00011	0.00543	<0.00010	<0.000050
	19/05/16	<0.0030	0.0068	<0.00010	0.00012	0.00571	<0.00010	<0.000050
	30/05/16	<0.0030	0.0072	<0.00010	0.00012	0.00561	<0.00010	<0.000050

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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-120a-0m	26/04/16	<0.010	<0.0000050	17.2	<0.00050	<0.00010	0.00062	<0.030
	19/05/16	<0.010	<0.0000050	15.4	<0.00050	<0.00010	0.00075	<0.030
	27/06/16	<0.010	<0.0000050	15.7	<0.00050	<0.00010	0.00058	<0.030
QUL-120a-120m	26/04/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00073	<0.030
	19/05/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00079	<0.030
	27/06/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00066	<0.030
QUL-120a-140m	26/04/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.0007	<0.030
	19/05/16	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00083	<0.030
	27/06/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00068	<0.030
QUL-120a-40m	26/04/16	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00065	<0.030
	19/05/16	<0.010	<0.0000050	17.8	<0.00050	<0.00010	0.00081	<0.030
	27/06/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00091	<0.030
QUL-120a-80m	26/04/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00071	<0.030
	19/05/16	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00087	<0.030
	27/06/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00069	<0.030
QUL-18-0m	26/04/16	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00076	<0.030
	19/05/16	<0.010	<0.0000050	17.4	<0.00050	<0.00010	0.00067	<0.030
	30/05/16	<0.010	<0.0000050	17.6	<0.00050	<0.00010	0.00063	<0.030
	28/06/16	<0.010	<0.0000050	15.7	<0.00050	<0.00010	0.00066	<0.030
QUL-18-100m	26/04/16	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00118	<0.030
	19/05/16	<0.010	<0.0000050	18.5	<0.00050	<0.00010	0.00123	<0.030
	30/05/16	<0.010	<0.0000050	18.8	<0.00050	<0.00010	0.00215	<0.030

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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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)
QUL-120a-0m	26/04/16	<0.000050	<0.0010	1.97	0.00114	0.000337	<0.00050	0.487
	19/05/16	<0.000050	<0.0010	1.98	0.00194	0.000396	<0.00050	0.618
	27/06/16	<0.000050	<0.0010	1.91	0.00131	0.000362	<0.00050	0.513
QUL-120a-120m	26/04/16	0.00014	<0.0010	2.04	0.00038	0.000309	<0.00050	0.484
	19/05/16	0.000095	<0.0010	2.07	0.00028	0.000283	<0.00050	0.508
	27/06/16	0.000274	<0.0010	2.04	0.00013	0.000322	<0.00050	0.5
QUL-120a-140m	26/04/16	0.000152	<0.0010	2.02	0.00027	0.00031	<0.00050	0.482
	19/05/16	0.000186	<0.0010	2.06	0.00042	0.000294	<0.00050	0.571
	27/06/16	0.00016	<0.0010	2.05	0.00011	0.000299	<0.00050	0.499
QUL-120a-40m	26/04/16	0.000177	<0.0010	2	0.00024	0.000297	<0.00050	0.478
	19/05/16	<0.000050	<0.0010	1.99	0.00054	0.000315	<0.00050	0.56
	27/06/16	0.000508	<0.0010	2.07	0.00024	0.000357	<0.00050	0.513
QUL-120a-80m	26/04/16	0.000141	<0.0010	2.03	0.00031	0.000315	<0.00050	0.478
	19/05/16	0.000116	<0.0010	2.05	0.00023	0.000302	<0.00050	0.589
	27/06/16	0.000218	<0.0010	2.02	0.00012	0.000325	<0.00050	0.503
QUL-18-0m	26/04/16	<0.000050	<0.0010	2.07	0.00073	0.000445	<0.00050	0.484
	19/05/16	<0.000050	<0.0010	2.05	0.00087	0.000364	<0.00050	0.516
	30/05/16	<0.000050	<0.0010	2.05	0.00068	0.000368	<0.00050	0.48
	28/06/16	<0.000050	<0.0010	1.9	0.00109	0.000336	<0.00050	0.509
QUL-18-100m	26/04/16	0.00008	<0.0010	2.08	0.00055	0.00057	<0.00050	0.479
	19/05/16	0.000065	<0.0010	2.14	0.0003	0.000575	<0.00050	0.576
	30/05/16	0.000155	<0.0010	2.21	0.00036	0.000793	<0.00050	0.515

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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)
QUL-120a-0m	26/04/16	0.000086	1.79	<0.000010	0.93	0.126	<0.000010	<0.00010
	19/05/16	0.000152	2.02	<0.000010	0.973	0.1	<0.000010	<0.00010
	27/06/16	0.000108	1.74	<0.000010	0.907	0.106	<0.000010	<0.00010
QUL-120a-120m	26/04/16	0.000087	1.75	<0.000010	0.948	0.133	<0.000010	<0.00010
	19/05/16	0.000089	1.71	<0.000010	1.01	0.132	<0.000010	<0.00010
	27/06/16	0.000073	1.7	<0.000010	0.938	0.129	<0.000010	<0.00010
QUL-120a-140m	26/04/16	0.000082	1.68	<0.000010	0.924	0.133	<0.000010	<0.00010
	19/05/16	0.000067	1.72	<0.000010	0.974	0.128	<0.000010	<0.00010
	27/06/16	0.000088	1.7	<0.000010	0.948	0.13	<0.000010	<0.00010
QUL-120a-40m	26/04/16	0.000091	1.72	<0.000010	0.922	0.132	<0.000010	<0.00010
	19/05/16	0.000081	1.64	<0.000010	0.954	0.135	<0.000010	<0.00010
	27/06/16	0.0001	1.73	<0.000010	0.967	0.127	<0.000010	<0.00010
QUL-120a-80m	26/04/16	0.000108	1.74	<0.000010	0.941	0.133	<0.000010	<0.00010
	19/05/16	0.000081	1.71	<0.000010	0.977	0.131	<0.000010	<0.00010
	27/06/16	0.000086	1.69	<0.000010	0.941	0.125	<0.000010	<0.00010
QUL-18-0m	26/04/16	0.000114	1.74	<0.000010	1	0.135	<0.000010	<0.00010
	19/05/16	0.000103	1.78	<0.000010	0.929	0.117	<0.000010	<0.00010
	30/05/16	0.000098	1.75	<0.000010	0.931	0.124	<0.000010	<0.00010
	28/06/16	0.000128	1.71	<0.000010	0.936	0.113	<0.000010	<0.00010
QUL-18-100m	26/04/16	0.000138	1.67	<0.000010	1.04	0.138	<0.000010	<0.00010
	19/05/16	0.000139	1.72	<0.000010	1.05	0.134	<0.000010	<0.00010
	30/05/16	0.000174	1.72	<0.000010	1.11	0.14	<0.000010	<0.00010

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>QUL-120a-0m</b>	26/04/16	<0.010	0.000143	<0.00050	<0.0030
	19/05/16	<0.010	0.000118	<0.00050	<0.0030
	27/06/16	<0.010	0.000128	<0.00050	<0.0030
<b>QUL-120a-120m</b>	26/04/16	<0.010	0.000152	<0.00050	<0.0030
	19/05/16	<0.010	0.000146	<0.00050	<0.0030
	27/06/16	<0.010	0.000148	<0.00050	<0.0030
<b>QUL-120a-140m</b>	26/04/16	<0.010	0.000152	<0.00050	<0.0030
	19/05/16	<0.010	0.00015	<0.00050	<0.0030
	27/06/16	<0.010	0.000153	<0.00050	<0.0030
<b>QUL-120a-40m</b>	26/04/16	<0.010	0.000152	<0.00050	<0.0030
	19/05/16	<0.010	0.000158	<0.00050	0.0081
	27/06/16	<0.010	0.000151	<0.00050	0.0031
<b>QUL-120a-80m</b>	26/04/16	<0.010	0.000153	<0.00050	<0.0030
	19/05/16	<0.010	0.00015	<0.00050	<0.0030
	27/06/16	<0.010	0.000143	<0.00050	<0.0030
<b>QUL-18-0m</b>	26/04/16	<0.010	0.000153	<0.00050	<0.0030
	19/05/16	<0.010	0.000144	<0.00050	<0.0030
	30/05/16	<0.010	0.000155	<0.00050	<0.0030
	28/06/16	<0.010	0.000138	<0.00050	<0.0030
<b>QUL-18-100m</b>	26/04/16	<0.010	0.000165	<0.00050	<0.0030
	19/05/16	<0.010	0.00016	<0.00050	<0.0030
	30/05/16	<0.010	0.000172	<0.00050	<0.0030

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**Mount Polley**  
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		Conductivity ( $\mu\text{s}/\text{cm}$ )	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity ( $\text{CaCO}_3$ ) (mg/L)
<b>QUL-18-10</b>	28/06/16	111	54.2	7.85	73	<1.0	4.72	48.1
<b>QUL-18-20 m</b>	26/04/16	116	53.9	7.93	69	<1.0	0.34	51.3
	19/05/16	109	54.1	7.94	67	1.6	0.39	51.2
	30/05/16	110	55.3	7.93	72	<1.0	0.42	51.1
	28/06/16	106	52.3	7.82	72	<1.0	0.38	46.4
<b>QUL-18-50 m</b>	26/04/16	116	53.5	7.93	68	<1.0	0.45	50.4
	19/05/16	110	54.7	7.94	63	1.4	0.56	50.8
	30/05/16	112	54.6	7.93	66	<1.0	0.43	50.6
	28/06/16	109	54.3	7.81	73	<1.0	0.3	47.5
<b>QUL-2a-0m</b>	26/04/16	114	53.5	7.93	61	<1.0	0.53	50.4
	19/05/16	102	51.1	7.85	66	<1.0	0.68	47.2
	28/06/16	95.3	47.1	7.84	75	<1.0	0.33	41.1
<b>QUL-2a-20 m</b>	26/04/16	112	53	7.92	69	<1.0	0.33	50.9
	19/05/16	106	53.3	7.77	69	<1.0	0.44	49.6
	28/06/16	107	52.3	7.81	75	<1.0	0.3	46.1
<b>QUL-2a-40 m</b>	26/04/16	113	53	7.91	70	<1.0	0.47	50.2
	19/05/16	107	53.9	7.77	66	<1.0	3.48	49.3
	28/06/16	107	53.2	7.81	76	<1.0	0.39	46.4
<b>QUL-2a-60 m</b>	26/04/16	115	53.5	7.92	65	<1.0	0.4	50.5
	19/05/16	108	53.9	7.79	68	2.8	1.39	48.9
	28/06/16	107	54.1	7.8	78	<1.0	0.26	47.1
<b>QUL-58-AT</b>	28/06/16	97.4	48.1	7.84	70	<1.0	0.81	43.2
<b>QUL-58-B</b>	27/04/16	115	54.4	7.87	63	<1.0	0.44	50.3
	05/05/16	114	55.7	7.92	69	<1.0	0.45	49.3

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-18-10</b>	28/06/16	<0.0050	<0.50	0.036	0.144	0.144	<0.0010	<0.0010
<b>QUL-18-20 m</b>	26/04/16	<0.0050	<0.50	0.036	0.123	0.123	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.033	0.125	0.125	<0.0010	<0.0010
	30/05/16	<0.0050	<0.50	0.038	0.129	0.129	<0.0010	<0.0010
	28/06/16	<0.0050	<0.50	0.036	0.129	0.129	<0.0010	0.0011
<b>QUL-18-50 m</b>	26/04/16	<0.0050	<0.50	0.036	0.126	0.126	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.032	0.127	0.127	<0.0010	<0.0010
	30/05/16	<0.0050	<0.50	0.038	0.134	0.134	<0.0010	<0.0010
	28/06/16	<0.0050	<0.50	0.035	0.141	0.141	<0.0010	<0.0010
<b>QUL-2a-0m</b>	26/04/16	<0.0050	<0.50	0.034	0.113	0.113	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.032	0.0904	0.0904	<0.0010	<0.0010
	28/06/16	<0.0050	<0.50	0.033	0.0598	0.0598	<0.0010	0.0011
<b>QUL-2a-20 m</b>	26/04/16	<0.0050	<0.50	0.035	0.127	0.127	<0.0010	<0.0010
	19/05/16	0.117	<0.50	0.033	0.126	0.126	<0.0010	<0.0010
	28/06/16	<0.0050	<0.50	0.035	0.135	0.135	<0.0010	<0.0010
<b>QUL-2a-40 m</b>	26/04/16	<0.0050	<0.50	0.035	0.128	0.128	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.032	0.131	0.131	<0.0010	<0.0010
	28/06/16	<0.0050	<0.50	0.035	0.139	0.139	<0.0010	<0.0010
<b>QUL-2a-60 m</b>	26/04/16	<0.0050	<0.50	0.034	0.126	0.126	<0.0010	<0.0010
	19/05/16	<0.0050	<0.50	0.032	0.131	0.131	<0.0010	<0.0010
	28/06/16	<0.0050	<0.50	0.035	0.14	0.14	<0.0010	<0.0010
<b>QUL-58-AT</b>	28/06/16	<0.0050	<0.50	0.034	0.0689	0.0689	<0.0010	<0.0010
<b>QUL-58-B</b>	27/04/16	<0.0050	<0.50	0.038	0.128	0.128	<0.0010	<0.0010
	05/05/16	<0.0050	<0.50	0.04	0.149	0.149	<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-Apr-2016 to: 30-Jun-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)
<b>QUL-18-10</b>	28/06/16	0.0022	0.0031	7.48	0.197	1.7	0.0516	<0.00010
<b>QUL-18-20 m</b>	26/04/16	<0.0020	<0.0020	7.02	0.183	1.61	0.029	<0.00010
	19/05/16	<0.0020	0.0048	6.51	0.187	1.67	0.0299	<0.00010
	30/05/16	<0.0020	0.0052	6.72	0.183	1.62	0.0243	<0.00010
	28/06/16	0.0021	0.0051	6.66	0.18	1.64	0.0154	<0.00010
<b>QUL-18-50 m</b>	26/04/16	<0.0020	<0.0020	7.11	0.192	1.48	0.0336	<0.00010
	19/05/16	<0.0020	<0.0020	6.8	0.179	1.58	0.0332	<0.00010
	30/05/16	<0.0020	0.0022	7.21	0.191	1.77	0.0308	<0.00010
	28/06/16	<0.0020	0.0029	7.09	0.2	1.58	0.0151	<0.00010
<b>QUL-2a-0m</b>	26/04/16	<0.0020	<0.0020	6.56	0.188	2.01	0.023	<0.00010
	19/05/16	<0.0020	0.0036	5.8	0.168	1.87	0.0206	<0.00010
	28/06/16	0.0021	0.0047	5.74	0.154	2.34	0.0204	<0.00010
<b>QUL-2a-20 m</b>	26/04/16	<0.0020	<0.0020	6.3	0.198	1.63	0.0167	<0.00010
	19/05/16	<0.0020	0.0053	6.29	0.179	1.81	0.0581	<0.00010
	28/06/16	<0.0020	0.0032	6.65	0.198	1.61	0.0178	<0.00010
<b>QUL-2a-40 m</b>	26/04/16	<0.0020	0.0021	6.41	0.191	1.48	0.0173	<0.00010
	19/05/16	<0.0020	0.0046	6.32	0.184	1.5	0.0515	<0.00010
	28/06/16	<0.0020	0.0029	6.57	0.202	1.59	0.014	<0.00010
<b>QUL-2a-60 m</b>	26/04/16	<0.0020	<0.0020	6.7	0.188	1.54	0.0236	<0.00010
	19/05/16	<0.0020	0.013	6.56	0.195	1.74	0.14	<0.00010
	28/06/16	<0.0020	0.0046	6.6	0.193	1.59	0.0163	<0.00010
<b>QUL-58-AT</b>	28/06/16	<0.0020	0.0042	5.78	0.164	2.27	0.0268	<0.00010
<b>QUL-58-B</b>	27/04/16	<0.0020	<0.0020	7.48	0.193	1.78	0.0353	<0.00010
	05/05/16	<0.0020	0.0027	8.59	0.188	1.88	0.038	<0.00010

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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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)
<b>QUL-18-10</b>	28/06/16	0.00013	0.00624	<0.00010	<0.000050	<0.010	<0.0000050	18.1
<b>QUL-18-20 m</b>	26/04/16	0.00012	0.00577	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	19/05/16	0.00015	0.00624	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	30/05/16	0.00014	0.00569	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	28/06/16	0.00012	0.00531	<0.00010	<0.000050	<0.010	<0.0000050	17.4
<b>QUL-18-50 m</b>	26/04/16	0.00012	0.00591	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	19/05/16	0.00014	0.00619	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	30/05/16	0.00012	0.00581	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	28/06/16	0.00011	0.00545	<0.00010	<0.000050	<0.010	<0.0000050	17.4
<b>QUL-2a-0m</b>	26/04/16	0.00011	0.00567	<0.00010	<0.000050	<0.010	<0.0000050	17.7
	19/05/16	0.00015	0.00591	<0.00010	<0.000050	<0.010	<0.0000050	17
	28/06/16	0.00013	0.00563	<0.00010	<0.000050	<0.010	<0.0000050	15.2
<b>QUL-2a-20 m</b>	26/04/16	0.00011	0.0053	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	19/05/16	0.00013	0.00648	<0.00010	<0.000050	<0.010	<0.0000050	18
	28/06/16	0.00013	0.00538	<0.00010	<0.000050	<0.010	<0.0000050	18.2
<b>QUL-2a-40 m</b>	26/04/16	0.00011	0.00531	<0.00010	<0.000050	<0.010	<0.0000050	17.6
	19/05/16	0.00015	0.00663	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	28/06/16	0.00012	0.00529	<0.00010	<0.000050	<0.010	<0.0000050	17.7
<b>QUL-2a-60 m</b>	26/04/16	0.00011	0.00545	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	19/05/16	0.00021	0.0089	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	28/06/16	0.00012	0.00505	<0.00010	<0.000050	<0.010	<0.0000050	17.1
<b>QUL-58-AT</b>	28/06/16	0.00012	0.0057	<0.00010	<0.000050	<0.010	<0.0000050	15.5
<b>QUL-58-B</b>	27/04/16	0.00012	0.00583	<0.00010	<0.000050	<0.010	<0.0000050	18
	05/05/16	0.00012	0.00598	<0.00010	<0.000050	<0.010	<0.0000050	18.9

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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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)
<b>QUL-18-10</b>	28/06/16	<0.00050	<0.00010	0.00229	0.036	0.000122	<0.0010	2.16
<b>QUL-18-20 m</b>	26/04/16	<0.00050	<0.00010	0.00137	<0.030	0.000072	<0.0010	2.1
	19/05/16	<0.00050	<0.00010	0.00138	<0.030	0.00006	<0.0010	2.14
	30/05/16	<0.00050	<0.00010	0.00119	<0.030	0.000214	<0.0010	2.13
	28/06/16	<0.00050	<0.00010	0.00088	<0.030	0.00013	<0.0010	2.04
<b>QUL-18-50 m</b>	26/04/16	<0.00050	<0.00010	0.00162	<0.030	0.000086	<0.0010	2.12
	19/05/16	<0.00050	<0.00010	0.00155	<0.030	0.000051	0.001	2.15
	30/05/16	<0.00050	<0.00010	0.00164	<0.030	0.000116	<0.0010	2.1
	28/06/16	<0.00050	<0.00010	0.00102	<0.030	0.000098	<0.0010	2.06
<b>QUL-2a-0m</b>	26/04/16	<0.00050	<0.00010	0.00105	<0.030	<0.000050	<0.0010	2.05
	19/05/16	<0.00050	<0.00010	0.00078	<0.030	<0.000050	<0.0010	2.02
	28/06/16	<0.00050	<0.00010	0.00067	<0.030	<0.000050	<0.0010	1.89
<b>QUL-2a-20 m</b>	26/04/16	<0.00050	<0.00010	0.00128	<0.030	0.000093	<0.0010	2.04
	19/05/16	<0.00050	<0.00010	0.00176	0.047	0.000069	<0.0010	2.11
	28/06/16	<0.00050	<0.00010	0.00103	<0.030	0.000278	<0.0010	2.1
<b>QUL-2a-40 m</b>	26/04/16	<0.00050	<0.00010	0.00108	<0.030	0.000081	<0.0010	2
	19/05/16	<0.00050	<0.00010	0.00166	0.043	0.000117	<0.0010	2.11
	28/06/16	<0.00050	<0.00010	0.00094	<0.030	0.000169	<0.0010	2.03
<b>QUL-2a-60 m</b>	26/04/16	<0.00050	<0.00010	0.00131	<0.030	0.000089	<0.0010	2.03
	19/05/16	<0.00050	<0.00010	0.00331	0.107	0.000109	<0.0010	2.16
	28/06/16	<0.00050	<0.00010	0.00087	<0.030	0.000161	<0.0010	1.99
<b>QUL-58-AT</b>	28/06/16	<0.00050	<0.00010	0.00105	<0.030	0.000272	<0.0010	1.91
<b>QUL-58-B</b>	27/04/16	<0.00050	<0.00010	0.00151	<0.030	0.000181	0.0011	2.12
	05/05/16	<0.00050	<0.00010	0.00769	<0.030	0.000666	0.0012	2.23

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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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)
<b>QUL-18-10</b>	28/06/16	0.00189	0.000657	<0.00050	0.558	0.000155	1.85	<0.000010
<b>QUL-18-20 m</b>	26/04/16	0.00148	0.000565	<0.00050	0.49	0.000131	1.78	<0.000010
	19/05/16	0.00136	0.00044	<0.00050	0.589	0.00011	1.78	<0.000010
	30/05/16	0.00119	0.000441	<0.00050	0.501	0.000105	1.78	<0.000010
	28/06/16	0.00102	0.000426	<0.00050	0.515	0.000111	1.75	<0.000010
<b>QUL-18-50 m</b>	26/04/16	0.00172	0.000594	<0.00050	0.492	0.000134	1.81	<0.000010
	19/05/16	0.00154	0.000509	<0.00050	0.561	0.000117	1.78	<0.000010
	30/05/16	0.00143	0.000582	<0.00050	0.497	0.000131	1.73	<0.000010
	28/06/16	0.00097	0.000517	<0.00050	0.525	0.00013	1.75	<0.000010
<b>QUL-2a-0m</b>	26/04/16	0.00161	0.000445	<0.00050	0.487	0.000113	1.76	<0.000010
	19/05/16	0.00185	0.000344	<0.00050	0.597	0.000107	1.79	<0.000010
	28/06/16	0.00239	0.000374	<0.00050	0.536	0.000132	1.79	<0.000010
<b>QUL-2a-20 m</b>	26/04/16	0.00127	0.000358	<0.00050	0.486	0.000103	1.81	<0.000010
	19/05/16	0.0019	0.000366	<0.00050	0.577	0.000127	1.84	<0.000010
	28/06/16	0.00146	0.000414	<0.00050	0.545	0.000104	1.82	<0.000010
<b>QUL-2a-40 m</b>	26/04/16	0.00126	0.000372	<0.00050	0.476	0.00008	1.73	<0.000010
	19/05/16	0.00203	0.000371	<0.00050	0.593	0.000103	1.82	<0.000010
	28/06/16	0.00145	0.000354	<0.00050	0.517	0.000107	1.77	<0.000010
<b>QUL-2a-60 m</b>	26/04/16	0.00144	0.00044	<0.00050	0.478	0.000121	1.75	<0.000010
	19/05/16	0.00333	0.000452	<0.00050	0.638	0.000115	2	<0.000010
	28/06/16	0.00136	0.000357	<0.00050	0.503	0.000091	1.71	<0.000010
<b>QUL-58-AT</b>	28/06/16	0.0023	0.000336	<0.00050	0.492	0.000106	1.75	<0.000010
<b>QUL-58-B</b>	27/04/16	0.00212	0.000583	<0.00050	0.521	0.000146	1.79	<0.000010
	05/05/16	0.00251	0.000873	<0.00050	0.542	0.000177	1.78	<0.000010

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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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)
<b>QUL-18-10</b>	28/06/16	1.14	0.143	<0.000010	<0.00010	<0.010	0.000174	<0.00050
<b>QUL-18-20 m</b>	26/04/16	1.05	0.144	<0.000010	<0.00010	<0.010	0.000168	<0.00050
	19/05/16	0.992	0.134	<0.000010	<0.00010	<0.010	0.000161	<0.00050
	30/05/16	1.01	0.138	<0.000010	<0.00010	<0.010	0.000174	<0.00050
	28/06/16	1.02	0.134	<0.000010	<0.00010	<0.010	0.000159	<0.00050
<b>QUL-18-50 m</b>	26/04/16	1.08	0.144	<0.000010	<0.00010	<0.010	0.000174	<0.00050
	19/05/16	1.04	0.137	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	30/05/16	1.04	0.135	<0.000010	<0.00010	<0.010	0.000175	<0.00050
	28/06/16	1.05	0.137	<0.000010	<0.00010	<0.010	0.000163	<0.00050
<b>QUL-2a-0m</b>	26/04/16	1.03	0.138	<0.000010	<0.00010	<0.010	0.000167	<0.00050
	19/05/16	0.97	0.116	<0.000010	<0.00010	<0.010	0.00014	<0.00050
	28/06/16	0.973	0.113	<0.000010	<0.00010	<0.010	0.000139	<0.00050
<b>QUL-2a-20 m</b>	26/04/16	0.972	0.138	<0.000010	<0.00010	<0.010	0.000162	<0.00050
	19/05/16	0.964	0.13	<0.000010	<0.00010	<0.010	0.000157	<0.00050
	28/06/16	1.05	0.139	<0.000010	<0.00010	<0.010	0.000168	<0.00050
<b>QUL-2a-40 m</b>	26/04/16	0.971	0.136	<0.000010	<0.00010	<0.010	0.000163	<0.00050
	19/05/16	0.986	0.137	<0.000010	<0.00010	<0.010	0.000164	<0.00050
	28/06/16	0.992	0.135	<0.000010	<0.00010	<0.010	0.00016	<0.00050
<b>QUL-2a-60 m</b>	26/04/16	1	0.139	<0.000010	<0.00010	<0.010	0.00017	<0.00050
	19/05/16	1.03	0.135	<0.000010	<0.00010	0.013	0.000163	0.00069
	28/06/16	0.974	0.135	<0.000010	<0.00010	<0.010	0.00016	<0.00050
<b>QUL-58-AT</b>	28/06/16	0.931	0.113	<0.000010	<0.00010	<0.010	0.000139	<0.00050
<b>QUL-58-B</b>	27/04/16	1.05	0.135	<0.000010	<0.00010	<0.010	0.000169	<0.00050
	05/05/16	1.19	0.141	<0.000010	0.0005	<0.010	0.000169	<0.00050

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# Monitoring data report for: Quesnel Lake



**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)
<b>QUL-18-10</b>	28/06/16	<0.0030	0.0065	<0.00010	0.00011	0.00541	<0.00010	<0.000050
<b>QUL-18-20 m</b>	26/04/16	<0.0030	0.0056	<0.00010	0.0001	0.00534	<0.00010	<0.000050
	19/05/16	<0.0030	0.0057	<0.00010	0.00013	0.00542	<0.00010	<0.000050
	30/05/16	<0.0030	0.0066	<0.00010	0.00012	0.00539	<0.00010	<0.000050
	28/06/16	<0.0030	0.0074	<0.00010	0.00011	0.00534	<0.00010	<0.000050
<b>QUL-18-50 m</b>	26/04/16	<0.0030	0.007	<0.00010	<0.00010	0.00541	<0.00010	<0.000050
	19/05/16	<0.0030	0.0067	<0.00010	0.00012	0.00572	<0.00010	<0.000050
	30/05/16	<0.0030	0.0067	<0.00010	0.00012	0.00543	<0.00010	<0.000050
	28/06/16	<0.0030	0.0057	<0.00010	<0.00010	0.00533	<0.00010	<0.000050
<b>QUL-2a-0m</b>	26/04/16	<0.0030	0.0075	<0.00010	0.00011	0.0053	<0.00010	<0.000050
	19/05/16	<0.0030	0.0102	<0.00010	0.0001	0.00574	<0.00010	<0.000050
	28/06/16	<0.0030	0.0127	<0.00010	0.00012	0.00539	<0.00010	<0.000050
<b>QUL-2a-20 m</b>	26/04/16	<0.0030	0.0061	<0.00010	<0.00010	0.00526	<0.00010	<0.000050
	19/05/16	<0.0030	0.0076	<0.00010	0.00013	0.00566	<0.00010	<0.000050
	28/06/16	<0.0030	0.0065	<0.00010	<0.00010	0.00517	<0.00010	<0.000050
<b>QUL-2a-40 m</b>	26/04/16	<0.0030	0.0058	<0.00010	<0.00010	0.00519	<0.00010	<0.000050
	19/05/16	<0.0030	0.0057	<0.00010	0.00011	0.00558	<0.00010	<0.000050
	28/06/16	<0.0030	0.0053	<0.00010	<0.00010	0.00508	<0.00010	<0.000050
<b>QUL-2a-60 m</b>	26/04/16	<0.0030	0.0058	<0.00010	<0.00010	0.00521	<0.00010	<0.000050
	19/05/16	<0.0030	0.0064	<0.00010	0.0001	0.00568	<0.00010	<0.000050
	28/06/16	<0.0030	0.0053	<0.00010	<0.00010	0.00508	<0.00010	<0.000050
<b>QUL-58-AT</b>	28/06/16	<0.0030	0.013	<0.00010	0.00012	0.00547	<0.00010	<0.000050
<b>QUL-58-B</b>	27/04/16	<0.0030	0.0063	<0.00010	<0.00010	0.0053	<0.00010	<0.000050
	05/05/16	<0.0030	0.0064	<0.00010	0.00011	0.00542	<0.00010	<0.000050

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**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-18-10</b>	28/06/16	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00112	<0.030
<b>QUL-18-20 m</b>	26/04/16	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00095	<0.030
	19/05/16	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00103	<0.030
	30/05/16	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00088	<0.030
	28/06/16	<0.010	<0.0000050	17.6	<0.00050	<0.00010	0.00083	<0.030
<b>QUL-18-50 m</b>	26/04/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00105	<0.030
	19/05/16	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00113	<0.030
	30/05/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00113	<0.030
	28/06/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00094	<0.030
<b>QUL-2a-0m</b>	26/04/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00073	<0.030
	19/05/16	<0.010	<0.0000050	17.2	<0.00050	<0.00010	0.00067	<0.030
	28/06/16	<0.010	<0.0000050	15.7	<0.00050	<0.00010	0.0006	<0.030
<b>QUL-2a-20 m</b>	26/04/16	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00109	<0.030
	19/05/16	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00086	<0.030
	28/06/16	<0.010	<0.0000050	17.6	<0.00050	<0.00010	0.00086	<0.030
<b>QUL-2a-40 m</b>	26/04/16	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00082	<0.030
	19/05/16	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00077	<0.030
	28/06/16	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00107	<0.030
<b>QUL-2a-60 m</b>	26/04/16	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00099	<0.030
	19/05/16	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00086	<0.030
	28/06/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00093	<0.030
<b>QUL-58-AT</b>	28/06/16	<0.010	<0.0000050	16	<0.00050	<0.00010	0.00086	<0.030
<b>QUL-58-B</b>	27/04/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00098	<0.030
	05/05/16	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00104	<0.030

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

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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)
<b>QUL-18-10</b>	28/06/16	0.000168	<0.0010	2.12	0.00016	0.000642	<0.00050	0.536
<b>QUL-18-20 m</b>	26/04/16	0.000092	<0.0010	2.07	0.00043	0.000516	<0.00050	0.468
	19/05/16	0.000076	<0.0010	2.09	0.00029	0.000404	<0.00050	0.518
	30/05/16	0.000197	<0.0010	2.16	0.00027	0.000411	<0.00050	0.492
	28/06/16	0.000329	<0.0010	2.04	0.0003	0.000404	<0.00050	0.524
<b>QUL-18-50 m</b>	26/04/16	0.000121	<0.0010	2.06	0.0005	0.000548	<0.00050	0.481
	19/05/16	0.000066	<0.0010	2.12	0.00024	0.000484	<0.00050	0.58
	30/05/16	0.000192	<0.0010	2.13	0.00016	0.000538	<0.00050	0.491
	28/06/16	0.000234	<0.0010	2.1	0.00016	0.000517	<0.00050	0.523
<b>QUL-2a-0m</b>	26/04/16	<0.000050	<0.0010	2.07	0.00076	0.000467	<0.00050	0.482
	19/05/16	<0.000050	<0.0010	2.01	0.00087	0.000356	<0.00050	0.565
	28/06/16	<0.000050	<0.0010	1.91	0.0013	0.00034	<0.00050	0.515
<b>QUL-2a-20 m</b>	26/04/16	0.000115	<0.0010	2.03	0.00041	0.000335	<0.00050	0.479
	19/05/16	0.000092	<0.0010	2.06	0.00027	0.000354	<0.00050	0.599
	28/06/16	0.000361	<0.0010	2.03	0.0003	0.000377	<0.00050	0.509
<b>QUL-2a-40 m</b>	26/04/16	0.000086	<0.0010	2.02	0.00031	0.000334	<0.00050	0.476
	19/05/16	0.000087	<0.0010	2.07	0.00023	0.000351	<0.00050	0.551
	28/06/16	0.000341	<0.0010	2.05	0.00029	0.000362	<0.00050	0.504
<b>QUL-2a-60 m</b>	26/04/16	0.00008	<0.0010	2.04	0.00031	0.000405	<0.00050	0.47
	19/05/16	0.000081	<0.0010	2.08	0.00023	0.000432	<0.00050	0.575
	28/06/16	0.000246	<0.0010	2.08	0.00027	0.000362	<0.00050	0.503
<b>QUL-58-AT</b>	28/06/16	0.000334	<0.0010	1.96	0.001	0.000337	<0.00050	0.524
<b>QUL-58-B</b>	27/04/16	0.000097	<0.0010	2.12	0.00077	0.000552	<0.00050	0.498
	05/05/16	0.000278	0.001	2.17	0.00099	0.000786	<0.00050	0.512

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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)
<b>QUL-18-10</b>	28/06/16	0.000161	1.71	<0.000010	1.08	0.138	<0.000010	<0.000010
<b>QUL-18-20 m</b>	26/04/16	0.000123	1.69	<0.000010	1	0.137	<0.000010	<0.000010
	19/05/16	0.0001	1.72	<0.000010	1.06	0.133	<0.000010	<0.000010
	30/05/16	0.000111	1.75	<0.000010	0.978	0.133	<0.000010	<0.000010
	28/06/16	0.000109	1.74	<0.000010	1.01	0.131	<0.000010	<0.000010
<b>QUL-18-50 m</b>	26/04/16	0.000124	1.68	<0.000010	1.04	0.14	<0.000010	<0.000010
	19/05/16	0.000137	1.72	<0.000010	1.03	0.131	<0.000010	<0.000010
	30/05/16	0.000123	1.69	<0.000010	1.02	0.134	<0.000010	<0.000010
	28/06/16	0.000106	1.72	<0.000010	1.05	0.137	<0.000010	<0.000010
<b>QUL-2a-0m</b>	26/04/16	0.000105	1.77	<0.000010	0.988	0.132	<0.000010	<0.000010
	19/05/16	0.000094	1.78	<0.000010	0.945	0.12	<0.000010	<0.000010
	28/06/16	0.000084	1.79	<0.000010	0.922	0.11	<0.000010	<0.000010
<b>QUL-2a-20 m</b>	26/04/16	0.000095	1.74	<0.000010	0.943	0.132	<0.000010	<0.000010
	19/05/16	0.000112	1.72	<0.000010	0.997	0.129	<0.000010	<0.000010
	28/06/16	0.000106	1.75	<0.000010	0.979	0.131	<0.000010	<0.000010
<b>QUL-2a-40 m</b>	26/04/16	0.000087	1.7	<0.000010	0.947	0.134	<0.000010	<0.000010
	19/05/16	0.0001	1.73	<0.000010	0.962	0.134	<0.000010	<0.000010
	28/06/16	0.000082	1.72	<0.000010	0.963	0.134	<0.000010	<0.000010
<b>QUL-2a-60 m</b>	26/04/16	0.000099	1.71	<0.000010	0.981	0.135	<0.000010	<0.000010
	19/05/16	0.000117	1.71	<0.000010	1.03	0.133	<0.000010	<0.000010
	28/06/16	0.000101	1.74	<0.000010	0.964	0.133	<0.000010	<0.000010
<b>QUL-58-AT</b>	28/06/16	0.000105	1.72	<0.000010	0.946	0.114	<0.000010	<0.000010
<b>QUL-58-B</b>	27/04/16	0.000115	1.72	<0.000010	1.02	0.132	<0.000010	<0.000010
	05/05/16	0.00019	1.69	<0.000010	1.16	0.135	<0.000010	<0.000010

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		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>QUL-18-10</b>	28/06/16	<0.010	0.000166	<0.00050	<0.0030
<b>QUL-18-20 m</b>	26/04/16	<0.010	0.000156	<0.00050	<0.0030
	19/05/16	<0.010	0.000151	<0.00050	<0.0030
	30/05/16	<0.010	0.00017	<0.00050	<0.0030
	28/06/16	<0.010	0.000159	<0.00050	<0.0030
<b>QUL-18-50 m</b>	26/04/16	<0.010	0.000161	<0.00050	<0.0030
	19/05/16	<0.010	0.000155	<0.00050	<0.0030
	30/05/16	<0.010	0.000167	<0.00050	<0.0030
	28/06/16	<0.010	0.000163	<0.00050	<0.0030
<b>QUL-2a-0m</b>	26/04/16	<0.010	0.000152	<0.00050	0.0077
	19/05/16	<0.010	0.000141	<0.00050	<0.0030
	28/06/16	<0.010	0.000132	<0.00050	<0.0030
<b>QUL-2a-20 m</b>	26/04/16	<0.010	0.000151	<0.00050	<0.0030
	19/05/16	<0.010	0.000151	<0.00050	<0.0030
	28/06/16	<0.010	0.000156	<0.00050	<0.0030
<b>QUL-2a-40 m</b>	26/04/16	<0.010	0.000152	<0.00050	<0.0030
	19/05/16	<0.010	0.000154	<0.00050	<0.0030
	28/06/16	<0.010	0.000157	<0.00050	<0.0030
<b>QUL-2a-60 m</b>	26/04/16	<0.010	0.000152	<0.00050	<0.0030
	19/05/16	<0.010	0.000156	<0.00050	<0.0030
	28/06/16	<0.010	0.000158	<0.00050	<0.0030
<b>QUL-58-AT</b>	28/06/16	<0.010	0.000138	<0.00050	<0.0030
<b>QUL-58-B</b>	27/04/16	<0.010	0.000164	<0.00050	<0.0030
	05/05/16	<0.010	0.000161	<0.00050	<0.0030

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**Mount Polley**  
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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>QUL-58-B</b>	10/05/16	113	56.1	7.87	75	<1.0	0.37	49.4
	17/05/16	120	55.4	7.98	54	4.3	1.95	51.6
	25/05/16	114	55.3	7.42	73	2.2	0.37	47.5
	07/06/16	123	58.2	7.82	74	<1.0	0.36	52
	20/06/16	116	56.9	7.81	82	<1.0	0.42	48.9
	28/06/16	110	55.7	7.8	79	<1.0	0.35	47
<b>QUL-58-BT</b>	28/06/16	112	54.7	7.83	76	<1.0	0.35	46.8
<b>QUL-58-MI D</b>	11/04/16	115	53.5	7.97	49	<1.0	0.54	50.6
	27/04/16	116	54.6	7.87	60	<1.0	0.38	49.6
	05/05/16	110	54.2	7.93	59	<1.0	0.3	48.2
	10/05/16	112	54.4	7.85	71	1.1	0.31	47.9
	17/05/16	114	53.7	7.98	73	3.6	2.28	50.9
	25/05/16	111	54.2	7.42	71	1.2	0.39	47.2
	07/06/16	113	55.4	7.82	66	<1.0	0.37	50.9
	20/06/16	107	54.3	7.79	76	<1.0	0.71	48.2
<b>QUL-58-MP</b>	11/04/16	118	54.7	7.97	75	1.1	0.61	50.5
<b>QUL-58-S</b>	11/04/16	115	54	7.95	60	1.2	0.37	49.8
	27/04/16	114	53.7	7.89	61	<1.0	0.33	49.9
	05/05/16	110	53.6	7.95	62	<1.0	0.34	50.3
	10/05/16	111	54.7	7.84	77	<1.0	0.38	49
	17/05/16	107	50.8	7.94	68	<1.0	0.52	48.3
	25/05/16	105	51.6	7.35	68	<1.0	0.36	44.8
	07/06/16	102	51.3	7.82	58	1	0.31	47.4
	20/06/16	95.6	48.2	7.88	74	<1.0	0.35	44

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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)
<b>QUL-58-B</b>	10/05/16	<0.0050	<0.50	0.036	0.129	0.129	<0.0010	<0.0010
	17/05/16	<0.0050	<0.50	0.035	0.168	0.168	<0.0010	<0.0010
	25/05/16	<0.0050	<0.50	0.036	0.144	0.144	<0.0010	<0.0010
	07/06/16	<0.0050	<0.50	0.038	0.198	0.198	<0.0010	<0.0010
	20/06/16	0.0052	<0.50	0.038	0.183	0.183	<0.0010	<0.0010
	28/06/16	<0.0050	<0.50	0.035	0.142	0.142	<0.0010	<0.0010
<b>QUL-58-BT</b>	28/06/16	<0.0050	<0.50	0.038	0.158	0.158	<0.0010	<0.0010
<b>QUL-58-MI D</b>	11/04/16	<0.0050	<0.50	0.037	0.127	0.127	<0.0010	<0.0010
	27/04/16	<0.0050	<0.50	0.038	0.128	0.128	<0.0010	<0.0010
	05/05/16	<0.0050	<0.50	0.039	0.128	0.128	<0.0010	<0.0010
	10/05/16	<0.0050	<0.50	0.036	0.135	0.135	<0.0010	<0.0010
	17/05/16	<0.0050	<0.50	0.035	0.133	0.133	<0.0010	<0.0010
	25/05/16	<0.0050	<0.50	0.035	0.132	0.132	<0.0010	<0.0010
	07/06/16	<0.0050	<0.50	0.035	0.144	0.144	<0.0010	<0.0010
	20/06/16	<0.0050	<0.50	0.035	0.134	0.134	<0.0010	0.001
	<b>QUL-58-MP</b>	11/04/16	<0.0050	<0.50	0.037	0.132	0.132	<0.0010
<b>QUL-58-S</b>	11/04/16	<0.0050	<0.50	0.037	0.127	0.127	<0.0010	<0.0010
	27/04/16	<0.0050	<0.50	0.037	0.112	0.112	<0.0010	<0.0010
	05/05/16	<0.0050	<0.50	0.039	0.117	0.117	<0.0010	0.001
	10/05/16	<0.0050	<0.50	0.036	0.121	0.121	<0.0010	<0.0010
	17/05/16	<0.0050	<0.50	0.034	0.0957	0.0957	<0.0010	<0.0010
	25/05/16	<0.0050	<0.50	0.034	0.0901	0.0901	<0.0010	<0.0010
	07/06/16	<0.0050	<0.50	0.033	0.0829	0.0829	<0.0010	0.0012
	20/06/16	<0.0050	<0.50	0.032	0.0702	0.0702	<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-Apr-2016 to: 30-Jun-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)
<b>QUL-58-B</b>	10/05/16	<0.0020	<0.0020	7.29	0.17	1.82	0.0346	<0.00010
	17/05/16	<0.0020	0.0045	9.38	0.215	1.67	0.136	<0.00010
	25/05/16	<0.0020	0.0056	7.81	0.203	1.69	0.0363	<0.00010
	07/06/16	0.0023	0.0035	11.4	0.25	1.91	0.0248	<0.00010
	20/06/16	<0.0020	0.003	10.1	0.238	1.66	0.0244	<0.00010
	28/06/16	<0.0020	0.0033	7.21	0.215	1.56	0.0198	<0.00010
<b>QUL-58-BT</b>	28/06/16	0.0023	0.0022	8.55	0.232	1.57	0.0165	<0.00010
<b>QUL-58-MI D</b>	11/04/16	<0.0020	0.0032	7.25	0.178	1.82	0.035	<0.00010
	27/04/16	<0.0020	0.0025	7.56	0.191	1.86	0.0307	<0.00010
	05/05/16	<0.0020	0.0046	7.07	0.178	1.82	0.0252	<0.00010
	10/05/16	<0.0020	0.0058	7.12	0.18	1.64	<0.024	<0.00010
	17/05/16	<0.0020	0.011	6.85	0.186	1.59	0.177	<0.00010
	25/05/16	<0.0020	<0.0020	6.8	0.202	1.55	0.0236	<0.00010
	07/06/16	<0.0020	0.0021	7.55	0.187	1.73	0.0254	<0.00010
	20/06/16	<0.0020	0.003	6.91	0.196	1.75	0.0188	<0.00010
<b>QUL-58-MP</b>	11/04/16	<0.0020	0.0031	7.7	0.184	1.83	0.0419	<0.00010
<b>QUL-58-S</b>	11/04/16	<0.0020	<0.0020	7.26	0.178	1.94	0.0313	<0.00010
	27/04/16	<0.0020	<0.0020	6.83	0.183	1.88	0.0177	<0.00010
	05/05/16	<0.0020	<0.0020	6.97	0.196	2.03	0.021	<0.00010
	10/05/16	<0.0020	0.0045	6.88	0.18	1.8	<0.027	<0.00010
	17/05/16	<0.0020	<0.0020	6.16	0.17	1.97	0.0237	<0.00010
	25/05/16	<0.0020	<0.0020	6.08	0.182	2.12	0.0179	<0.00010
	07/06/16	<0.0020	0.0036	5.91	0.157	1.92	0.0217	<0.00010
	20/06/16	<0.0020	0.0026	5.78	0.146	1.96	0.0177	<0.00010

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-B</b>	10/05/16	0.00012	0.00562	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	17/05/16	0.0002	0.00775	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	25/05/16	0.00014	0.00607	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	07/06/16	0.00013	0.0061	<0.00010	<0.000050	<0.010	<0.0000050	18.9
	20/06/16	0.0001	0.00607	<0.00010	<0.000050	<0.010	<0.0000050	18.8
	28/06/16	0.00013	0.00567	<0.00010	<0.000050	<0.010	0.0000082	17.8
<b>QUL-58-BT</b>	28/06/16	0.00011	0.00563	<0.00010	<0.000050	<0.010	<0.0000050	18
<b>QUL-58-MI D</b>	11/04/16	0.00014	0.00603	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	27/04/16	0.00014	0.00575	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	05/05/16	0.00011	0.00539	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	10/05/16	<0.00010	0.00533	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	17/05/16	0.00023	0.00885	<0.00010	<0.000050	<0.010	<0.0000050	18.3
	25/05/16	0.0001	0.00564	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	07/06/16	0.00013	0.00574	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	20/06/16	0.0001	0.00563	<0.00010	<0.000050	<0.010	<0.0000050	18.1
<b>QUL-58-MP</b>	11/04/16	0.00013	0.00625	<0.00010	<0.000050	<0.010	<0.0000050	18.7
<b>QUL-58-S</b>	11/04/16	0.00014	0.00592	<0.00010	<0.000050	<0.010	<0.0000050	18.2
	27/04/16	0.00013	0.00546	<0.00010	<0.000050	<0.010	<0.0000050	18
	05/05/16	<0.00010	0.00511	<0.00010	<0.000050	<0.010	<0.0000050	17.5
	10/05/16	0.00012	0.00545	<0.00010	<0.000050	<0.010	<0.0000050	18
	17/05/16	0.00017	0.00566	<0.00010	<0.000050	<0.010	<0.0000050	16.8
	25/05/16	0.00013	0.00546	<0.00010	<0.000050	<0.010	<0.0000050	17.4
	07/06/16	0.00011	0.00544	<0.00010	<0.000050	<0.010	<0.0000050	16.5
	20/06/16	0.00013	0.00576	<0.00010	<0.000050	<0.010	<0.0000050	16.5

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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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)
<b>QUL-58-B</b>	10/05/16	<0.00050	<0.00010	0.00142	<0.030	0.000071	<0.0010	2.1
	17/05/16	<0.00050	<0.00010	0.00437	0.093	0.000152	0.0012	2.28
	25/05/16	<0.00050	<0.00010	0.00152	<0.030	0.000071	<0.0010	2.14
	07/06/16	<0.00050	<0.00010	0.00127	<0.030	0.000063	0.0011	2.3
	20/06/16	<0.00050	<0.00010	0.0012	<0.030	0.000368	<0.0010	2.29
	28/06/16	<0.00050	<0.00010	0.00138	<0.030	0.000094	<0.0010	2.06
<b>QUL-58-BT</b>	28/06/16	<0.00050	<0.00010	0.00102	<0.030	0.000087	<0.0010	2.13
<b>QUL-58-MI D</b>	11/04/16	<0.00050	<0.00010	0.00166	<0.030	0.000835	<0.0010	2.14
	27/04/16	<0.00050	<0.00010	0.00148	<0.030	0.000208	0.001	2.16
	05/05/16	<0.00050	<0.00010	0.00159	<0.030	0.000329	0.001	2.1
	10/05/16	<0.00050	<0.00010	0.00112	<0.030	0.00021	<0.0010	2.08
	17/05/16	<0.00050	<0.00010	0.00545	0.121	0.000307	0.0012	2.21
	25/05/16	<0.00050	<0.00010	0.00121	<0.030	0.000065	<0.0010	2.1
	07/06/16	<0.00050	<0.00010	0.00124	<0.030	0.000106	<0.0010	2.14
	20/06/16	<0.00050	<0.00010	0.00111	<0.030	0.000647	<0.0010	2.12
	<b>QUL-58-MP</b>	11/04/16	<0.00050	<0.00010	0.00173	<0.030	0.000208	<0.0010
<b>QUL-58-S</b>	11/04/16	<0.00050	<0.00010	0.00145	<0.030	<0.000050	<0.0010	2.13
	27/04/16	<0.00050	<0.00010	0.00102	<0.030	<0.000050	<0.0010	2.11
	05/05/16	<0.00050	<0.00010	0.00107	<0.030	<0.000050	0.001	2.02
	10/05/16	<0.00050	<0.00010	0.00108	<0.030	<0.000050	<0.0010	2.07
	17/05/16	<0.00050	<0.00010	0.00163	<0.030	<0.000050	0.0011	2.02
	25/05/16	<0.00050	<0.00010	0.00082	<0.030	<0.000050	<0.0010	2.05
	07/06/16	<0.00050	<0.00010	0.00102	<0.030	<0.000050	<0.0010	1.95
	20/06/16	<0.00050	<0.00010	0.0007	<0.030	<0.000050	<0.0010	2.02

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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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)
<b>QUL-58-B</b>	10/05/16	0.00164	0.000569	<0.00050	0.511	0.000116	1.8	<0.000010
	17/05/16	0.0039	0.00118	<0.00050	0.62	0.000218	1.97	<0.000010
	25/05/16	0.00177	0.000805	<0.00050	0.512	0.00017	1.78	<0.000010
	07/06/16	0.00266	0.00183	<0.00050	0.65	0.000394	1.78	<0.000010
	20/06/16	0.00173	0.00146	<0.00050	0.588	0.000324	1.77	<0.000010
	28/06/16	0.00126	0.000572	<0.00050	0.548	0.000127	1.74	<0.000010
<b>QUL-58-BT</b>	28/06/16	0.00135	0.000945	<0.00050	0.576	0.000191	1.69	<0.000010
<b>QUL-58-MI D</b>	11/04/16	0.0017	0.000774	<0.00050	0.51	0.000115	1.77	<0.000010
	27/04/16	0.00238	0.000579	<0.00050	0.522	0.000141	1.81	<0.000010
	05/05/16	0.00152	0.000419	<0.00050	0.501	0.000086	1.73	<0.000010
	10/05/16	0.00143	0.000497	<0.00050	0.5	0.000127	1.8	<0.000010
	17/05/16	0.00401	0.000483	<0.00050	0.62	0.00014	2.09	0.000023
	25/05/16	0.00126	0.000467	<0.00050	0.513	0.000115	1.78	<0.000010
	07/06/16	0.00144	0.000718	<0.00050	0.547	0.000198	1.8	<0.000010
	20/06/16	0.00103	0.000503	<0.00050	0.495	0.000119	1.76	<0.000010
	<b>QUL-58-MP</b>	11/04/16	0.00217	0.000897	<0.00050	0.528	0.000167	1.8
<b>QUL-58-S</b>	11/04/16	0.00147	0.000619	<0.00050	0.508	0.000112	1.73	<0.000010
	27/04/16	0.00118	0.000425	<0.00050	0.508	0.00011	1.79	<0.000010
	05/05/16	0.00147	0.000406	<0.00050	0.475	0.000066	1.67	<0.000010
	10/05/16	0.00147	0.000473	<0.00050	0.497	0.000108	1.77	<0.000010
	17/05/16	0.00188	0.000378	<0.00050	0.564	0.000128	1.8	<0.000010
	25/05/16	0.00175	0.000366	<0.00050	0.508	0.000127	1.84	<0.000010
	07/06/16	0.00169	0.000338	<0.00050	0.484	0.000099	1.79	<0.000010
	20/06/16	0.00167	0.000362	<0.00050	0.485	0.000104	1.82	<0.000010

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**Mount Polley**  
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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)
<b>QUL-58-B</b>	10/05/16	1.06	0.138	<0.000010	<0.00010	<0.010	0.000163	<0.00050
	17/05/16	1.21	0.138	<0.000010	<0.00010	<0.010	0.000172	0.00092
	25/05/16	1.12	0.14	<0.000010	<0.00010	<0.010	0.000171	<0.00050
	07/06/16	1.52	0.157	<0.000010	<0.00010	<0.010	0.00017	<0.00050
	20/06/16	1.38	0.152	<0.000010	<0.00010	<0.010	0.000173	<0.00050
	28/06/16	1.1	0.141	<0.000010	<0.00010	<0.010	0.000172	<0.00050
<b>QUL-58-BT</b>	28/06/16	1.24	0.142	<0.000010	<0.00010	<0.010	0.00017	<0.00050
<b>QUL-58-MI D</b>	11/04/16	1.04	0.14	<0.000010	<0.00010	<0.010	0.000181	<0.00050
	27/04/16	1.05	0.135	<0.000010	<0.00010	<0.010	0.000171	<0.00050
	05/05/16	1.03	0.123	<0.000010	<0.00010	<0.010	0.000153	<0.00050
	10/05/16	1.03	0.136	<0.000010	<0.00010	<0.010	0.000163	<0.00050
	17/05/16	1.04	0.132	<0.000010	<0.00010	0.012	0.000172	0.00112
	25/05/16	1.05	0.139	<0.000010	<0.00010	<0.010	0.000169	<0.00050
	07/06/16	1.1	0.14	<0.000010	<0.00010	<0.010	0.000168	<0.00050
	20/06/16	1.02	0.142	<0.000010	<0.00010	<0.010	0.000169	<0.00050
	<b>QUL-58-MP</b>	11/04/16	1.07	0.143	<0.000010	<0.00010	<0.010	0.000184
<b>QUL-58-S</b>	11/04/16	1.03	0.141	<0.000010	<0.00010	<0.010	0.000176	<0.00050
	27/04/16	0.978	0.131	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	05/05/16	0.972	0.124	<0.000010	<0.00010	<0.010	0.000151	<0.00050
	10/05/16	1.02	0.137	<0.000010	<0.00010	<0.010	0.000168	<0.00050
	17/05/16	0.968	0.115	<0.000010	<0.00010	<0.010	0.000159	0.00103
	25/05/16	1.02	0.128	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	07/06/16	0.874	0.121	<0.000010	<0.00010	<0.010	0.000145	<0.00050
	20/06/16	0.934	0.121	<0.000010	<0.00010	<0.010	0.000145	<0.00050

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# Monitoring data report for: Quesnel Lake



**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)
<b>QUL-58-B</b>	10/05/16	<0.0030	0.007	<0.00010	0.00011	0.00528	<0.00010	<0.000050
	17/05/16	<0.0030	0.0074	<0.00010	0.0001	0.00546	<0.00010	<0.000050
	25/05/16	<0.0030	0.0075	<0.00010	0.00012	0.00535	<0.00010	<0.000050
	07/06/16	<0.0030	0.008	<0.00010	0.00011	0.00608	<0.00010	<0.000050
	20/06/16	<0.0030	0.0079	<0.00010	0.00012	0.00581	<0.00010	<0.000050
	28/06/16	<0.0030	0.0063	<0.00010	<0.00010	0.00538	<0.00010	<0.000050
<b>QUL-58-BT</b>	28/06/16	<0.0030	0.0066	<0.00010	<0.00010	0.00551	<0.00010	<0.000050
<b>QUL-58-MI D</b>	11/04/16	<0.0030	0.005	<0.00010	0.0001	0.00539	<0.00010	<0.000050
	27/04/16	<0.0030	0.0066	<0.00010	<0.00010	0.00539	<0.00010	<0.000050
	05/05/16	<0.0030	0.0062	<0.00010	<0.00010	0.00515	<0.00010	<0.000050
	10/05/16	<0.0030	0.0075	<0.00010	<0.00010	0.0052	<0.00010	<0.000050
	17/05/16	<0.0030	0.0069	<0.00010	0.00011	0.0054	<0.00010	<0.000050
	25/05/16	<0.0030	0.005	<0.00010	0.0001	0.00527	<0.00010	<0.000050
	07/06/16	<0.0030	0.0066	<0.00010	0.0001	0.00537	<0.00010	<0.000050
	20/06/16	<0.0030	0.0074	<0.00010	0.0001	0.00549	<0.00010	<0.000050
	<b>QUL-58-MP</b>	11/04/16	<0.0030	0.0056	<0.00010	0.00012	0.0055	<0.00010
<b>QUL-58-S</b>	11/04/16	<0.0030	0.0051	<0.00010	0.00012	0.00548	<0.00010	<0.000050
	27/04/16	<0.0030	0.0062	<0.00010	<0.00010	0.0053	<0.00010	<0.000050
	05/05/16	<0.0030	0.0071	<0.00010	<0.00010	0.00512	<0.00010	<0.000050
	10/05/16	<0.0030	0.0063	<0.00010	<0.00010	0.00522	<0.00010	<0.000050
	17/05/16	<0.0030	0.0091	<0.00010	<0.00010	0.00533	<0.00010	<0.000050
	25/05/16	<0.0030	0.0089	<0.00010	0.0001	0.00523	<0.00010	<0.000050
	07/06/16	<0.0030	0.0098	<0.00010	<0.00010	0.00532	<0.00010	<0.000050
	20/06/16	<0.0030	0.0098	<0.00010	0.00013	0.00548	<0.00010	<0.000050

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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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)
<b>QUL-58-B</b>	10/05/16	<0.010	<0.0000050	18.9	<0.00050	<0.00010	0.00114	<0.030
	17/05/16	<0.010	0.0000058	18.5	<0.00050	<0.00010	0.00103	<0.030
	25/05/16	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00129	<0.030
	07/06/16	<0.010	<0.0000050	19.4	<0.00050	<0.00010	0.00095	<0.030
	20/06/16	<0.010	<0.0000050	19.1	<0.00050	<0.00010	0.00097	<0.030
	28/06/16	<0.010	<0.0000050	18.7	<0.00050	<0.00010	0.00104	<0.030
<b>QUL-58-BT</b>	28/06/16	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.0009	<0.030
<b>QUL-58-MI D</b>	11/04/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00111	<0.030
	27/04/16	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00103	<0.030
	05/05/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00125	<0.030
	10/05/16	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00085	<0.030
	17/05/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00108	<0.030
	25/05/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00092	<0.030
	07/06/16	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00092	<0.030
	20/06/16	<0.010	<0.0000050	18.3	<0.00050	<0.00010	0.00093	<0.030
	<b>QUL-58-MP</b>	11/04/16	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00121
<b>QUL-58-S</b>	11/04/16	<0.010	<0.0000050	18.2	<0.00050	<0.00010	0.00091	<0.030
	27/04/16	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00076	<0.030
	05/05/16	<0.010	<0.0000050	18.1	<0.00050	<0.00010	0.00076	<0.030
	10/05/16	<0.010	<0.0000050	18.4	<0.00050	<0.00010	0.00081	<0.030
	17/05/16	<0.010	<0.0000050	17	<0.00050	<0.00010	0.00083	<0.030
	25/05/16	<0.010	<0.0000050	17.3	<0.00050	<0.00010	0.00066	<0.030
	07/06/16	<0.010	<0.0000050	17.2	<0.00050	<0.00010	0.00066	<0.030
	20/06/16	<0.010	<0.0000050	16.2	<0.00050	<0.00010	0.00057	<0.030

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-B</b>	10/05/16	0.000125	<0.0010	2.16	0.00032	0.000533	<0.00050	0.503
	17/05/16	0.000098	<0.0010	2.21	0.00076	0.00105	<0.00050	0.568
	25/05/16	0.000106	<0.0010	2.16	0.00037	0.000687	<0.00050	0.502
	07/06/16	0.000126	0.0011	2.36	0.00131	0.00178	<0.00050	0.631
	20/06/16	0.000506	<0.0010	2.21	0.00074	0.00137	<0.00050	0.567
	28/06/16	0.000128	<0.0010	2.19	0.00018	0.000545	<0.00050	0.539
<b>QUL-58-BT</b>	28/06/16	0.000163	<0.0010	2.16	0.00041	0.00096	<0.00050	0.582
<b>QUL-58-MI D</b>	11/04/16	0.000864	<0.0010	2.06	0.00059	0.000491	<0.00050	0.498
	27/04/16	0.000135	<0.0010	2.13	0.00101	0.00057	<0.00050	0.508
	05/05/16	0.000792	0.001	2.08	0.00045	0.000414	<0.00050	0.486
	10/05/16	0.000109	<0.0010	2.09	0.00038	0.000462	<0.00050	0.491
	17/05/16	0.000235	0.001	2.1	0.00045	0.000509	<0.00050	0.534
	25/05/16	0.000114	<0.0010	2.09	0.00014	0.00041	<0.00050	0.496
	07/06/16	0.000166	0.0011	2.16	0.00029	0.000711	<0.00050	0.533
	20/06/16	0.000951	<0.0010	2.08	0.00023	0.000491	<0.00050	0.5
	<b>QUL-58-MP</b>	11/04/16	0.000384	<0.0010	2.13	0.00102	0.000639	<0.00050
<b>QUL-58-S</b>	11/04/16	<0.000050	<0.0010	2.08	0.00055	0.000502	<0.00050	0.482
	27/04/16	<0.000050	<0.0010	2.08	0.00074	0.00041	<0.00050	0.48
	05/05/16	<0.000050	<0.0010	2.06	0.00062	0.000401	<0.00050	0.481
	10/05/16	<0.000050	<0.0010	2.11	0.00061	0.000428	<0.00050	0.493
	17/05/16	<0.000050	<0.0010	2.03	0.00101	0.000338	<0.00050	0.527
	25/05/16	<0.000050	<0.0010	2.03	0.00078	0.000338	<0.00050	0.491
	07/06/16	<0.000050	<0.0010	2.02	0.00096	0.000324	<0.00050	0.492
	20/06/16	<0.000050	<0.0010	1.88	0.00091	0.000355	<0.00050	0.477

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-B</b>	10/05/16	0.000138	1.76	<0.000010	1.05	0.135	<0.000010	<0.00010
	17/05/16	0.000271	1.72	<0.000010	1.18	0.135	<0.000010	<0.00010
	25/05/16	0.000158	1.72	<0.000010	1.11	0.137	<0.000010	<0.00010
	07/06/16	0.000376	1.75	<0.000010	1.49	0.155	<0.000010	<0.00010
	20/06/16	0.000278	1.74	<0.000010	1.34	0.147	<0.000010	<0.00010
	28/06/16	0.000127	1.76	<0.000010	1.04	0.136	<0.000010	<0.00010
<b>QUL-58-BT</b>	28/06/16	0.000218	1.71	<0.000010	1.22	0.141	<0.000010	<0.00010
<b>QUL-58-MI D</b>	11/04/16	0.000137	1.66	<0.000010	1.01	0.133	<0.000010	<0.00010
	27/04/16	0.000137	1.73	<0.000010	1.07	0.133	<0.000010	<0.00010
	05/05/16	0.000115	1.69	<0.000010	1	0.129	<0.000010	<0.00010
	10/05/16	0.000122	1.79	<0.000010	1	0.134	<0.000010	<0.00010
	17/05/16	0.00014	1.72	<0.000010	0.982	0.128	<0.000010	<0.00010
	25/05/16	0.000105	1.73	<0.000010	1.01	0.131	<0.000010	<0.00010
	07/06/16	0.000185	1.76	<0.000010	1.09	0.141	<0.000010	<0.00010
	20/06/16	0.000127	1.75	<0.000010	1.03	0.137	<0.000010	<0.00010
<b>QUL-58-MP</b>	11/04/16	0.000179	1.7	<0.000010	1.04	0.136	<0.000010	<0.00010
<b>QUL-58-S</b>	11/04/16	0.000104	1.66	<0.000010	1	0.136	<0.000010	<0.00010
	27/04/16	0.000121	1.76	<0.000010	0.972	0.129	<0.000010	<0.00010
	05/05/16	0.000123	1.69	<0.000010	1	0.128	<0.000010	<0.00010
	10/05/16	0.000103	1.76	<0.000010	1.01	0.134	<0.000010	<0.00010
	17/05/16	0.00011	1.8	<0.000010	0.938	0.116	<0.000010	<0.00010
	25/05/16	0.000111	1.78	<0.000010	0.979	0.121	<0.000010	<0.00010
	07/06/16	0.000093	1.78	<0.000010	0.903	0.12	<0.000010	<0.00010
	20/06/16	0.000104	1.71	<0.000010	0.903	0.115	<0.000010	<0.00010

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>QUL-58-B</b>	10/05/16	<0.010	0.000156	<0.00050	<0.0030
	17/05/16	<0.010	0.000161	<0.00050	<0.0030
	25/05/16	<0.010	0.00016	<0.00050	<0.0030
	07/06/16	<0.010	0.000168	<0.00050	<0.0030
	20/06/16	<0.010	0.000169	<0.00050	<0.0030
	28/06/16	<0.010	0.00016	<0.00050	<0.0030
<b>QUL-58-BT</b>	28/06/16	<0.010	0.000162	<0.00050	<0.0030
<b>QUL-58-MI D</b>	11/04/16	<0.010	0.000169	<0.00050	<0.0030
	27/04/16	<0.010	0.000162	<0.00050	<0.0030
	05/05/16	<0.010	0.000157	<0.00050	<0.0030
	10/05/16	<0.010	0.000158	<0.00050	<0.0030
	17/05/16	<0.010	0.000162	<0.00050	<0.0030
	25/05/16	<0.010	0.000154	<0.00050	<0.0030
	07/06/16	<0.010	0.000159	<0.00050	<0.0030
	20/06/16	<0.010	0.000158	<0.00050	<0.0030
	<b>QUL-58-MP</b>	11/04/16	<0.010	0.000166	<0.00050
<b>QUL-58-S</b>	11/04/16	<0.010	0.000158	<0.00050	<0.0030
	27/04/16	<0.010	0.000156	<0.00050	<0.0030
	05/05/16	<0.010	0.000156	<0.00050	<0.0030
	10/05/16	<0.010	0.000158	<0.00050	<0.0030
	17/05/16	<0.010	0.000145	<0.00050	<0.0030
	25/05/16	<0.010	0.000146	<0.00050	<0.0030
	07/06/16	<0.010	0.000138	<0.00050	<0.0030
	20/06/16	<0.010	0.000141	<0.00050	<0.0030

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# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>QUL-58-S</b>	28/06/16	97.4	48	7.85	71	<1.0	0.3	43.3
<b>QUL-59-B</b>	17/05/16	121	55.5	7.98	73	2.2	1.07	50.1
<b>QUL-59-MI</b>	17/05/16	114	53.1	7.99	56	4	2.15	50.3
<b>QUL-59-S</b>	17/05/16	108	51.6	7.95	55	<1.0	0.41	49.3
<b>QUL-ZOO-</b>	27/06/16	96.1	47.9	7.79	77	<1.0	0.35	39.4
<b>QUL-ZOO-</b>	27/06/16	96.2	48.4	7.76	79	<1.0	0.25	39.4
<b>QUL-ZOO-</b>	27/06/16	98.1	50	7.8	80	<1.0	0.24	40.7

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
<b>QUR-11</b>	06/04/16	117	53.5	7.97	63	<1.0	0.51	51.8
	21/04/16	115	55.3	8.04	71	<1.0	0.44	50.4
	04/05/16	112	54	7.92	73	<1.0	0.36	51
	17/05/16	112	53.5	7.98	74	1.1	0.48	50.4
	01/06/16	107	52	7.91	88	9.6	2.66	50.1

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-S</b>	28/06/16	<0.0050	<0.50	0.034	0.0606	0.0606	<0.0010	<0.0010
<b>QUL-59-B</b>	17/05/16	0.0384	<0.50	0.035	0.173	0.173	<0.0010	<0.0010
<b>QUL-59-MI</b>	17/05/16	<0.0050	<0.50	0.035	0.132	0.132	<0.0010	<0.0010
<b>QUL-59-S</b>	17/05/16	<0.0050	<0.50	0.033	0.0968	0.0968	<0.0010	<0.0010
<b>QUL-ZOO-</b>	27/06/16	<0.0050	<0.50	0.033	0.0607	0.0607	<0.0010	0.0014
<b>QUL-ZOO-</b>	27/06/16	<0.0050	<0.50	0.032	0.0677	0.0677	<0.0010	0.0013
<b>QUL-ZOO-</b>	27/06/16	<0.0050	<0.50	0.032	0.08	0.08	<0.0010	0.0013

		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)
<b>QUR-11</b>	06/04/16	<0.0050	<0.50	0.035	0.119	0.119	<0.0010	<0.0010
	21/04/16	<0.0050	<0.50	0.035	0.123	0.123	<0.0010	<0.0010
	04/05/16	<0.0050	<0.50	0.035	0.117	0.117	<0.0010	<0.0010
	17/05/16	<0.0050	<0.50	0.033	0.108	0.108	<0.0010	<0.0010
	01/06/16	<0.0050	<0.50	0.034	0.0992	0.0992	<0.0010	<0.0010

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-S</b>	28/06/16	<0.0020	0.0024	5.78	0.152	2.23	0.0173	<0.00010
<b>QUL-59-B</b>	17/05/16	<0.0020	0.0091	9.57	0.217	1.61	0.128	<0.00010
<b>QUL-59-MI</b>	17/05/16	<0.0020	0.0124	6.83	0.195	2	0.242	<0.00010
<b>QUL-59-S</b>	17/05/16	<0.0020	0.0026	6.23	0.167	2.07	0.0226	<0.00010
<b>QUL-ZOO-</b>	27/06/16	<0.0020	0.0038	5.51	0.155	2.38	0.0185	<0.00010
<b>QUL-ZOO-</b>	27/06/16	<0.0020	<0.0020	5.58	0.192	2.02	0.015	<0.00010
<b>QUL-ZOO-</b>	27/06/16	<0.0020	0.0033	5.67	0.137	1.79	0.0161	<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)
<b>QUR-11</b>	06/04/16	<0.0020	<0.0020	7.11	0.175	2	0.0342	<0.00010
	21/04/16	<0.0020	<0.0020	7.07	0.206	1.96	0.0343	<0.00010
	04/05/16	<0.0020	0.0032	6.97	0.187	2.12	0.0247	<0.00010
	17/05/16	<0.0020	0.0034	6.52	0.181	1.84	0.0248	<0.00010
	01/06/16	<0.0020	0.005	6.18	0.178	2.22	0.0969	<0.00010

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
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This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-S</b>	28/06/16	0.00012	0.00566	<0.00010	<0.000050	<0.010	<0.0000050	15.4
<b>QUL-59-B</b>	17/05/16	0.00021	0.00791	<0.00010	<0.000050	<0.010	<0.0000050	19.2
<b>QUL-59-MI</b>	17/05/16	0.00027	0.0101	<0.00010	<0.000050	<0.010	<0.0000050	18.7
<b>QUL-59-S</b>	17/05/16	0.00016	0.00562	<0.00010	<0.000050	<0.010	<0.0000050	17.1
<b>QUL-ZOO-</b>	27/06/16	0.00013	0.00544	<0.00010	<0.000050	<0.010	<0.0000050	15.7
<b>QUL-ZOO-</b>	27/06/16	0.00012	0.00513	<0.00010	<0.000050	<0.010	<0.0000050	15.9
<b>QUL-ZOO-</b>	27/06/16	0.00011	0.00498	<0.00010	<0.000050	<0.010	<0.0000050	16.1

		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)
<b>QUR-11</b>	06/04/16	0.00022	0.00578	<0.00010	<0.000050	<0.010	<0.0000050	17.8
	21/04/16	0.00015	0.00573	<0.00010	<0.000050	<0.010	<0.0000050	18.4
	04/05/16	0.00013	0.00547	<0.00010	<0.000050	<0.010	<0.0000050	18.1
	17/05/16	0.00015	0.00563	<0.00010	<0.000050	<0.010	0.0000096	18.2
	01/06/16	0.0002	0.00652	<0.00010	<0.000050	<0.010	<0.0000050	17

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
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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)
<b>QUL-58-S</b>	28/06/16	<0.00050	<0.00010	0.0008	<0.030	<0.000050	<0.0010	1.91
<b>QUL-59-B</b>	17/05/16	<0.00050	<0.00010	0.00428	0.081	0.000155	0.0013	2.37
<b>QUL-59-MI</b>	17/05/16	<0.00050	0.00013	0.00703	0.165	0.000213	0.0013	2.28
<b>QUL-59-S</b>	17/05/16	<0.00050	<0.00010	0.00137	<0.030	<0.000050	0.0011	2.07
<b>QUL-ZOO-</b>	27/06/16	<0.00050	<0.00010	0.0008	<0.030	<0.000050	<0.0010	1.95
<b>QUL-ZOO-</b>	27/06/16	<0.00050	<0.00010	0.00068	<0.030	<0.000050	<0.0010	1.92
<b>QUL-ZOO-</b>	27/06/16	<0.00050	<0.00010	0.00061	<0.030	<0.000050	<0.0010	1.86

		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)
<b>QUR-11</b>	06/04/16	<0.00050	<0.00010	0.00155	<0.030	0.000388	<0.0010	2.09
	21/04/16	<0.00050	<0.00010	0.00177	<0.030	0.00025	<0.0010	2.18
	04/05/16	<0.00050	<0.00010	0.00176	<0.030	0.000676	0.0012	2.13
	17/05/16	<0.00050	<0.00010	0.00125	<0.030	0.000463	<0.0010	2.13
	01/06/16	<0.00050	<0.00010	0.00337	0.069	0.000715	0.0012	1.99

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-S</b>	28/06/16	0.00196	0.000357	<0.00050	0.53	0.000112	1.76	<0.000010
<b>QUL-59-B</b>	17/05/16	0.00378	0.0014	<0.00050	0.656	0.000286	2	<0.000010
<b>QUL-59-MI</b>	17/05/16	0.00521	0.000493	<0.00050	0.65	0.000133	2.26	<0.000010
<b>QUL-59-S</b>	17/05/16	0.00198	0.00039	<0.00050	0.551	0.000106	1.81	<0.000010
<b>QUL-ZOO-</b>	27/06/16	0.00182	0.000396	<0.00050	0.497	0.000114	1.75	<0.000010
<b>QUL-ZOO-</b>	27/06/16	0.00149	0.000362	<0.00050	0.501	0.000095	1.72	<0.000010
<b>QUL-ZOO-</b>	27/06/16	0.00119	0.000313	<0.00050	0.488	0.000084	1.61	<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)
<b>QUR-11</b>	06/04/16	0.00226	0.000547	<0.00050	0.512	0.000137	1.74	<0.000010
	21/04/16	0.00191	0.00057	<0.00050	0.506	0.000115	1.76	<0.000010
	04/05/16	0.00153	0.000668	<0.00050	0.512	0.000128	1.71	<0.000010
	17/05/16	0.0018	0.00043	<0.00050	0.517	0.000131	1.82	<0.000010
	01/06/16	0.0031	0.000347	<0.00050	0.508	0.000121	1.88	<0.000010

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-S</b>	28/06/16	0.99	0.115	<0.000010	<0.00010	<0.010	0.000142	<0.00050
<b>QUL-59-B</b>	17/05/16	1.33	0.148	<0.000010	<0.00010	<0.010	0.000183	0.00085
<b>QUL-59-MI</b>	17/05/16	1.09	0.134	<0.000010	<0.00010	0.019	0.000175	0.00121
<b>QUL-59-S</b>	17/05/16	0.964	0.121	<0.000010	<0.00010	<0.010	0.000153	0.00066
<b>QUL-ZOO-</b>	27/06/16	0.939	0.108	<0.000010	<0.00010	<0.010	0.000129	<0.00050
<b>QUL-ZOO-</b>	27/06/16	0.905	0.11	<0.000010	<0.00010	<0.010	0.000136	<0.00050
<b>QUL-ZOO-</b>	27/06/16	0.877	0.115	<0.000010	<0.00010	<0.010	0.000145	<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)
<b>QUR-11</b>	06/04/16	1.07	0.14	<0.000010	<0.00010	<0.010	0.00017	<0.00050
	21/04/16	1.11	0.136	<0.000010	<0.00010	<0.010	0.000171	<0.00050
	04/05/16	1.04	0.146	<0.000010	<0.00010	<0.010	0.00017	<0.00050
	17/05/16	1.01	0.133	<0.000010	<0.00010	<0.010	0.000167	<0.00050
	01/06/16	0.982	0.127	<0.000010	<0.00010	<0.010	0.000156	<0.00050



# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-S</b>	28/06/16	<0.0030	0.0123	<0.00010	0.00011	0.00554	<0.00010	<0.000050
<b>QUL-59-B</b>	17/05/16	<0.0030	0.0073	<0.00010	<0.00010	0.00547	<0.00010	<0.000050
<b>QUL-59-MI</b>	17/05/16	<0.0030	0.0076	<0.00010	<0.00010	0.00525	<0.00010	<0.000050
<b>QUL-59-S</b>	17/05/16	<0.0030	0.009	<0.00010	<0.00010	0.00532	<0.00010	<0.000050
<b>QUL-ZOO-</b>	27/06/16	<0.0030	0.0122	<0.00010	0.00012	0.00552	<0.00010	<0.000050
<b>QUL-ZOO-</b>	27/06/16	<0.0030	0.012	<0.00010	0.00011	0.00522	<0.00010	<0.000050
<b>QUL-ZOO-</b>	27/06/16	<0.0030	0.0117	<0.00010	<0.00010	0.005	<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)
<b>QUR-11</b>	06/04/16	<0.0030	0.0085	<0.00010	0.00015	0.00538	<0.00010	<0.000050
	21/04/16	<0.0030	0.0066	<0.00010	0.00011	0.00535	<0.00010	<0.000050
	04/05/16	<0.0030	0.007	<0.00010	0.00011	0.00555	<0.00010	<0.000050
	17/05/16	<0.0030	0.0073	<0.00010	0.00012	0.00528	<0.00010	<0.000050
	01/06/16	<0.0030	0.0085	<0.00010	0.00011	0.00551	<0.00010	<0.000050

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-S</b>	28/06/16	<0.010	<0.0000050	16	<0.00050	<0.00010	0.00067	<0.030
<b>QUL-59-B</b>	17/05/16	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00092	<0.030
<b>QUL-59-MI</b>	17/05/16	<0.010	<0.0000050	17.9	<0.00050	<0.00010	0.00105	<0.030
<b>QUL-59-S</b>	17/05/16	<0.010	<0.0000050	17.3	<0.00050	<0.00010	0.00079	<0.030
<b>QUL-ZOO-</b>	27/06/16	<0.010	<0.0000050	15.9	<0.00050	<0.00010	0.00065	<0.030
<b>QUL-ZOO-</b>	27/06/16	<0.010	<0.0000050	16.2	<0.00050	<0.00010	0.00054	<0.030
<b>QUL-ZOO-</b>	27/06/16	<0.010	<0.0000050	16.9	<0.00050	<0.00010	<0.00050	<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)
<b>QUR-11</b>	06/04/16	<0.010	<0.0000050	18	<0.00050	<0.00010	0.00109	<0.030
	21/04/16	<0.010	<0.0000050	18.6	<0.00050	<0.00010	0.00107	<0.030
	04/05/16	<0.010	0.0000061	18.1	<0.00050	<0.00010	0.00108	<0.030
	17/05/16	<0.010	0.0000108	18	<0.00050	<0.00010	0.00086	<0.030
	01/06/16	<0.010	<0.0000050	17.5	<0.00050	<0.00010	0.00097	<0.030

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-S</b>	28/06/16	<0.000050	<0.0010	1.97	0.00114	0.000344	<0.00050	0.505
<b>QUL-59-B</b>	17/05/16	0.000096	0.001	2.21	0.00088	0.0012	<0.00050	0.569
<b>QUL-59-MI</b>	17/05/16	0.00013	<0.0010	2.07	0.00042	0.000429	<0.00050	0.519
<b>QUL-59-S</b>	17/05/16	<0.000050	<0.0010	2.07	0.00105	0.000341	<0.00050	0.513
<b>QUL-ZOO-</b>	27/06/16	<0.000050	<0.0010	1.98	0.0013	0.000374	<0.00050	0.509
<b>QUL-ZOO-</b>	27/06/16	<0.000050	<0.0010	1.92	0.00095	0.000379	<0.00050	0.534
<b>QUL-ZOO-</b>	27/06/16	<0.000050	<0.0010	1.92	0.00075	0.000303	<0.00050	0.481

		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)
<b>QUR-11</b>	06/04/16	0.000485	<0.0010	2.08	0.00103	0.00053	<0.00050	0.545
	21/04/16	0.000157	<0.0010	2.17	0.00072	0.000498	<0.00050	0.515
	04/05/16	0.000424	<0.0010	2.12	0.00057	0.00043	0.00064	0.507
	17/05/16	0.000382	<0.0010	2.09	0.00078	0.000386	<0.00050	0.523
	01/06/16	0.000286	0.001	2.01	0.00071	0.00035	<0.00050	0.502

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>QUL-58-S</b>	28/06/16	0.000117	1.77	<0.000010	0.925	0.112	<0.000010	<0.00010
<b>QUL-59-B</b>	17/05/16	0.000287	1.72	<0.000010	1.23	0.139	<0.000010	<0.00010
<b>QUL-59-MI</b>	17/05/16	0.000102	1.72	<0.000010	0.963	0.128	<0.000010	<0.00010
<b>QUL-59-S</b>	17/05/16	0.00011	1.8	<0.000010	0.943	0.119	<0.000010	<0.00010
<b>QUL-ZOO-</b>	27/06/16	0.000114	1.74	<0.000010	0.944	0.108	<0.000010	<0.00010
<b>QUL-ZOO-</b>	27/06/16	0.000125	1.71	<0.000010	0.908	0.109	<0.000010	<0.00010
<b>QUL-ZOO-</b>	27/06/16	0.000105	1.63	<0.000010	0.883	0.114	<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)
<b>QUR-11</b>	06/04/16	0.000144	1.68	<0.000010	1.11	0.137	<0.000010	<0.00010
	21/04/16	0.000105	1.74	<0.000010	1.08	0.132	<0.000010	<0.00010
	04/05/16	0.0001	1.69	<0.000010	1.05	0.135	<0.000010	<0.00010
	17/05/16	0.000134	1.76	<0.000010	1.01	0.129	<0.000010	<0.00010
	01/06/16	0.000108	1.75	<0.000010	0.958	0.127	<0.000010	<0.00010

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>QUL-58-S</b>	28/06/16	<0.010	0.000137	<0.00050	<0.0030
<b>QUL-59-B</b>	17/05/16	<0.010	0.000168	<0.00050	<0.0030
<b>QUL-59-MI</b>	17/05/16	<0.010	0.000158	<0.00050	<0.0030
<b>QUL-59-S</b>	17/05/16	<0.010	0.00014	<0.00050	<0.0030
<b>QUL-ZOO-</b>	27/06/16	<0.010	0.000128	<0.00050	<0.0030
<b>QUL-ZOO-</b>	27/06/16	<0.010	0.000133	<0.00050	<0.0030
<b>QUL-ZOO-</b>	27/06/16	<0.010	0.00014	<0.00050	<0.0030

		Diss-Titanium (Ti) (mg/L)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>QUR-11</b>	06/04/16	<0.010	0.000167	<0.00050	<0.0030
	21/04/16	<0.010	0.000163	<0.00050	<0.0030
	04/05/16	<0.010	0.000164	<0.00050	<0.0030
	17/05/16	<0.010	0.000151	<0.00050	0.0149
	01/06/16	<0.010	0.000145	<0.00050	<0.0030

## Appendix 2

# Monitoring data report for: Permitted Groundwater Monitoring Well



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)	Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)
<b>95-R5</b>	20/04/16	1140	683	7.35	495	<0.0050	<2.5	0.13
<b>GW00-1a</b>	04/05/16	915	49.4	8.66	169	0.0082	5.1	0.38
<b>GW00-1b</b>	25/04/16	1100	598	7.79	427	<0.0050	<2.5	0.1
<b>GW00-2a</b>	25/04/16	424	144	8.16	224	<0.0050	<0.50	0.139
<b>GW00-3a</b>	04/05/16	360	169	8.35	195	0.0108	<0.50	0.045
<b>GW00-3b</b>	04/05/16	530	289	8.1	291	0.037	0.64	0.102
<b>GW05-01</b>	05/05/16	560	258	7.95	139	<0.0050	<0.50	0.427
<b>GW11-1a</b>	04/05/16	318	141	8.16	149	<0.0050	<0.50	0.209
<b>GW11-1b</b>	04/05/16	335	168	8.18	167	0.0285	<0.50	0.181
<b>GW11-2a</b>	09/05/16	1100	262	11.73	294	1.32	<5.0	0.22
<b>GW11-2b</b>	09/05/16	544	254	7.9	300	1.54	<0.50	0.291
<b>GW12-1a</b>	04/05/16	574	123	7.86	49.9	0.0101	4.45	1.14
<b>GW12-1b</b>	04/05/16	346	176	8.09	155	<0.0050	1.02	0.128
<b>GW12-2a</b>	14/04/16	233	49.5	8.15	43.1	<0.0050	0.63	0.507
	11/05/16	230	49.4	7.97	43.8	<0.0050	0.61	0.476
	08/06/16	229	50.7	8.2	42.3	<0.0050	0.59	0.485
<b>GW12-2b</b>	13/04/16	590	302	7.86	176	<0.0050	3.67	0.196
	11/05/16	598	324	7.97	177	<0.0050	3.76	0.181
	08/06/16	631	331	8	169	<0.0050	3.93	0.18
<b>GW12-3a</b>	27/04/16	759	383	7.19	80	<0.0050	<2.5	<0.10
<b>GW12-3b</b>	27/04/16	250	105	8.08	93.4	<0.0050	2.33	0.268
<b>GW12-4a</b>	04/05/16	323	144	7.96	134	0.0227	1.94	0.472

Printed Date: 28/07/2016

# Monitoring data report for: Permitted Groundwater Monitoring Well



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)
<b>95-R5</b>	20/04/16	<0.025	<0.025	<0.0050	<0.0020	0.0101	163	0.036
<b>GW00-1a</b>	04/05/16	<0.025	<0.025	<0.0050	0.0278	0.0341	271	0.097
<b>GW00-1b</b>	25/04/16	2.03	2.04	0.0106	0.0021	0.0025	191	2.11
<b>GW00-2a</b>	25/04/16	<0.0050	<0.0051	<0.0010	0.0098	0.0169	5.31	<0.030
<b>GW00-3a</b>	04/05/16	<0.0050	<0.0051	<0.0010	0.0028	0.0113	4	0.103
<b>GW00-3b</b>	04/05/16	0.0173	0.0173	<0.0010	0.0144	0.093	7.98	0.167
<b>GW05-01</b>	05/05/16	0.134	0.134	<0.0010	<0.0020	0.0021	153	0.142
<b>GW11-1a</b>	04/05/16	0.135	0.135	<0.0010	0.0285	0.0823	21.1	0.141
<b>GW11-1b</b>	04/05/16	0.0065	0.0088	0.0023	0.0695	0.178	15.1	0.068
<b>GW11-2a</b>	09/05/16	<0.050	<0.051	<0.010	<0.0020	0.0093	4.6	1.79
<b>GW11-2b</b>	09/05/16	<0.0050	<0.0051	<0.0010	0.0151	0.919	<0.30	2.07
<b>GW12-1a</b>	04/05/16	<0.0050	<0.0051	<0.0010	0.0919	0.114	212	0.056
<b>GW12-1b</b>	04/05/16	0.207	0.207	<0.0010	0.0164	0.0169	25.8	0.227
<b>GW12-2a</b>	14/04/16	<0.0050	<0.0051	<0.0010	0.0134	0.0157	65.8	<0.030
	11/05/16	<0.0050	<0.0051	<0.0010	0.0175	0.0177	65.6	<0.030
	08/06/16	<0.0050	<0.0051	<0.0010	0.0155	0.0141	64.5	<0.030
<b>GW12-2b</b>	13/04/16	3.68	3.68	<0.0010	0.0068	0.0082	123	3.64
	11/05/16	3.33	3.33	<0.0010	0.0067	0.011	132	3.28
	08/06/16	3.05	3.05	<0.0010	0.007	0.0075	150	6.23
<b>GW12-3a</b>	27/04/16	7.99	7.99	<0.0050	0.0226	0.0273	281	8.1
<b>GW12-3b</b>	27/04/16	0.299	0.299	<0.0010	0.0288	0.0275	28.7	0.284
<b>GW12-4a</b>	04/05/16	<0.0050	<0.0051	<0.0010	0.0661	0.104	33.7	0.087

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# Monitoring data report for: Permitted Groundwater Monitoring Well



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

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		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)	Diss-Boron (B) (mg/L)
<b>95-R5</b>	20/04/16	<0.0030	<0.00010	0.0074	0.0208	<0.00010	<0.000050	0.063
<b>GW00-1a</b>	04/05/16	0.007	<0.00010	0.0174	0.0239	<0.00010	<0.000050	0.813
<b>GW00-1b</b>	25/04/16	<0.0030	<0.00010	0.00054	0.0948	<0.00010	<0.000050	0.048
<b>GW00-2a</b>	25/04/16	<0.0030	<0.00010	0.0018	0.105	<0.00010	<0.000050	0.076
<b>GW00-3a</b>	04/05/16	<0.0030	0.00018	0.00085	0.12	<0.00010	<0.000050	0.11
<b>GW00-3b</b>	04/05/16	<0.0030	<0.00010	0.00083	0.0342	<0.00010	<0.000050	0.024
<b>GW05-01</b>	05/05/16	<0.0030	0.00026	0.00034	0.00831	<0.00010	<0.000050	0.314
<b>GW11-1a</b>	04/05/16	<0.0030	0.00029	0.00333	0.00193	<0.00010	<0.000050	0.373
<b>GW11-1b</b>	04/05/16	<0.0030	<0.00010	0.00213	0.0194	<0.00010	<0.000050	0.157
<b>GW11-2a</b>	09/05/16	1.15	0.00049	0.00152	0.233	<0.00010	<0.000050	0.037
<b>GW11-2b</b>	09/05/16	0.0047	<0.00010	0.0086	0.0845	<0.00010	<0.000050	0.06
<b>GW12-1a</b>	04/05/16	0.0086	<0.00010	0.00418	0.0264	<0.00010	<0.000050	3.77
<b>GW12-1b</b>	04/05/16	<0.0030	0.00048	0.00164	0.0231	<0.00010	<0.000050	0.061
<b>GW12-2a</b>	14/04/16	0.0059	<0.00010	0.00223	0.0064	<0.00010	<0.000050	0.333
	11/05/16	0.0047	<0.00010	0.00209	0.00558	<0.00010	<0.000050	0.313
	08/06/16	0.007	<0.00010	0.00242	0.00625	<0.00010	<0.000050	0.366
<b>GW12-2b</b>	13/04/16	<0.0030	<0.00010	0.00053	0.0165	<0.00010	<0.00010	0.094
	11/05/16	<0.0030	<0.00010	0.0005	0.0158	<0.00010	<0.000050	0.083
	08/06/16	<0.0030	<0.00010	0.00058	0.0184	<0.00010	<0.000050	0.079
<b>GW12-3a</b>	27/04/16	<0.0030	0.0001	0.00098	0.0285	<0.00010	<0.000050	0.133
<b>GW12-3b</b>	27/04/16	<0.0030	0.00016	0.00838	0.00181	<0.00010	<0.000050	0.321
<b>GW12-4a</b>	04/05/16	0.0045	<0.00010	0.00411	0.0308	<0.00010	<0.000050	0.26

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**Mount Polley**  
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		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)	Diss-Lead (Pb) (mg/L)
<b>95-R5</b>	20/04/16	<0.0000050	227	<0.00050	0.00067	<0.00050	0.602	<0.000050
<b>GW00-1a</b>	04/05/16	<0.0000050	10.7	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
<b>GW00-1b</b>	25/04/16	0.0000954	130	<0.00050	0.00025	0.00106	<0.030	<0.000050
<b>GW00-2a</b>	25/04/16	<0.0000050	35.8	<0.00050	<0.00010	<0.00050	0.077	<0.000050
<b>GW00-3a</b>	04/05/16	<0.0000050	47	<0.00050	0.00017	<0.00050	0.053	<0.000050
<b>GW00-3b</b>	04/05/16	<0.0000050	75.4	<0.00050	<0.00010	0.00069	<0.030	<0.000050
<b>GW05-01</b>	05/05/16	<0.0000050	93.9	<0.00050	<0.00010	0.00679	<0.030	<0.000050
<b>GW11-1a</b>	04/05/16	0.0000078	44.4	<0.00050	<0.00010	0.00081	<0.030	<0.000050
<b>GW11-1b</b>	04/05/16	0.0000104	55	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
<b>GW11-2a</b>	09/05/16	<0.0000050	105	<0.00050	<0.00010	0.00262	<0.030	<0.000050
<b>GW11-2b</b>	09/05/16	<0.0000050	69.9	<0.00050	0.0002	<0.00050	3.73	<0.000050
<b>GW12-1a</b>	04/05/16	<0.0000050	40.2	<0.00050	<0.00010	<0.00050	0.149	<0.000050
<b>GW12-1b</b>	04/05/16	0.0000258	57.3	<0.00050	<0.00010	0.00198	<0.030	<0.000050
<b>GW12-2a</b>	14/04/16	<0.0000050	17.7	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	11/05/16	<0.0000050	17.7	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	08/06/16	<0.0000050	18.2	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
<b>GW12-2b</b>	13/04/16	<0.0000050	83.3	<0.00050	<0.00010	0.0008	<0.030	<0.000050
	11/05/16	<0.0000050	89	<0.00050	<0.00010	0.00077	<0.030	<0.000050
	08/06/16	<0.0000050	90.2	<0.00050	<0.00010	0.00081	<0.030	<0.000050
<b>GW12-3a</b>	27/04/16	0.0000325	100	<0.00050	<0.00010	0.00182	<0.030	<0.000050
<b>GW12-3b</b>	27/04/16	<0.0000050	30.5	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
<b>GW12-4a</b>	04/05/16	<0.0000050	36.5	<0.00050	0.00048	<0.00050	0.246	<0.000050

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# Monitoring data report for: Permitted Groundwater Monitoring Well



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		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)	Diss-Selenium (mg/L)
<b>95-R5</b>	20/04/16	0.0073	28.2	0.779	0.0085	<0.00050	0.918	<0.000050
<b>GW00-1a</b>	04/05/16	0.008	5.53	0.0205	0.0222	<0.00050	0.998	0.000071
<b>GW00-1b</b>	25/04/16	0.006	66.4	0.935	0.0178	0.00201	1.15	0.00205
<b>GW00-2a</b>	25/04/16	0.006	13.3	0.252	0.00317	<0.00050	0.697	<0.000050
<b>GW00-3a</b>	04/05/16	0.0388	12.6	0.0822	0.000961	<0.00050	0.422	<0.000050
<b>GW00-3b</b>	04/05/16	0.0017	24.4	0.00769	0.0034	0.00057	0.733	0.000056
<b>GW05-01</b>	05/05/16	0.0015	5.66	0.00172	0.00864	<0.00050	0.394	0.000979
<b>GW11-1a</b>	04/05/16	0.0013	7.23	0.00197	0.0421	<0.00050	0.28	0.000681
<b>GW11-1b</b>	04/05/16	<0.0010	7.36	0.21	0.0221	<0.00050	1.03	0.000058
<b>GW11-2a</b>	09/05/16	0.0066	<0.10	<0.00010	0.0114	0.0049	2.21	0.000158
<b>GW11-2b</b>	09/05/16	<0.0010	19.3	1.73	0.000892	<0.00050	1.42	0.000079
<b>GW12-1a</b>	04/05/16	0.0061	5.53	0.551	0.0224	<0.00050	0.45	<0.000050
<b>GW12-1b</b>	04/05/16	0.0038	7.86	0.00132	0.0281	<0.00050	0.522	0.000764
<b>GW12-2a</b>	14/04/16	0.0027	1.28	0.0283	0.0368	<0.00050	0.111	<0.000050
	11/05/16	0.0033	1.25	0.0255	0.0394	<0.00050	0.103	<0.000050
	08/06/16	0.0034	1.29	0.0273	0.0398	0.00058	0.147	<0.000050
<b>GW12-2b</b>	13/04/16	0.0037	22.9	<0.00010	0.0215	<0.00050	0.712	0.0104
	11/05/16	0.0038	24.6	0.00015	0.0208	<0.00050	0.665	0.0108
	08/06/16	0.0031	25.7	0.00022	0.0194	<0.00050	1.86	0.0117
<b>GW12-3a</b>	27/04/16	0.0033	32.1	0.00547	0.00497	<0.00050	1.81	0.0732
<b>GW12-3b</b>	27/04/16	0.0013	6.89	0.00067	0.0238	<0.00050	1.55	0.00129
<b>GW12-4a</b>	04/05/16	0.0012	12.9	0.867	0.0582	0.00206	2.03	<0.000050

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		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)	Diss-Titanium (Ti) (mg/L)
<b>95-R5</b>	20/04/16	11.2	<0.000010	7.43	0.544	<0.000010	<0.00010	0.015
<b>GW00-1a</b>	04/05/16	3.76	<0.000010	168	2.08	<0.000010	<0.00010	<0.010
<b>GW00-1b</b>	25/04/16	7.81	<0.000010	26.2	1.85	<0.000010	<0.00010	0.012
<b>GW00-2a</b>	25/04/16	8.83	<0.000010	43.3	0.772	<0.000010	<0.00010	<0.010
<b>GW00-3a</b>	04/05/16	6.05	<0.000010	28.2	1.32	<0.000010	<0.00010	<0.010
<b>GW00-3b</b>	04/05/16	7.76	<0.000010	11.1	0.643	<0.000010	<0.00010	<0.010
<b>GW05-01</b>	05/05/16	8.29	<0.000010	19.4	0.789	<0.000010	<0.00010	<0.010
<b>GW11-1a</b>	04/05/16	7.78	<0.000010	17.2	0.2	<0.000010	<0.00010	<0.010
<b>GW11-1b</b>	04/05/16	6.87	<0.000010	14.7	0.262	<0.000010	<0.00010	<0.010
<b>GW11-2a</b>	09/05/16	4.6	<0.000010	45.9	0.461	<0.000010	<0.00010	<0.010
<b>GW11-2b</b>	09/05/16	12.6	<0.000010	25.3	0.502	<0.000010	<0.00010	<0.010
<b>GW12-1a</b>	04/05/16	5.84	<0.000010	69.7	1.05	<0.000010	<0.00010	<0.010
<b>GW12-1b</b>	04/05/16	7.27	<0.000010	8.77	0.174	<0.000010	<0.00010	<0.010
<b>GW12-2a</b>	14/04/16	9.04	<0.000010	27	0.0488	<0.000010	<0.00010	<0.010
	11/05/16	8.95	<0.000010	25.8	0.0487	<0.000010	<0.00010	<0.010
	08/06/16	9.24	<0.000010	27.4	0.0511	<0.000010	0.00031	<0.010
<b>GW12-2b</b>	13/04/16	7.65	<0.000010	13.5	0.326	<0.000010	<0.00010	0.011
	11/05/16	7.77	<0.000010	13	0.322	<0.000010	<0.00010	0.015
	08/06/16	7.85	0.000194	14	0.331	<0.000010	<0.00010	0.015
<b>GW12-3a</b>	27/04/16	11.6	<0.000010	11.2	0.488	<0.000010	<0.00010	0.014
<b>GW12-3b</b>	27/04/16	11.9	<0.000010	9.27	0.11	<0.000010	<0.00010	<0.010
<b>GW12-4a</b>	04/05/16	12.7	<0.000010	13.9	0.301	<0.000010	0.00012	<0.010

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		Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>95-R5</b>	20/04/16	0.00089	<0.00050	<0.0030
<b>GW00-1a</b>	04/05/16	0.00232	<0.00050	<0.0030
<b>GW00-1b</b>	25/04/16	0.00662	0.00098	<0.0030
<b>GW00-2a</b>	25/04/16	0.004	0.00062	<0.0030
<b>GW00-3a</b>	04/05/16	0.00125	<0.00050	<0.0030
<b>GW00-3b</b>	04/05/16	0.00216	<0.00050	<0.0030
<b>GW05-01</b>	05/05/16	0.000314	0.00071	0.153
<b>GW11-1a</b>	04/05/16	0.000783	0.00379	<0.0030
<b>GW11-1b</b>	04/05/16	0.000943	<0.00050	<0.0030
<b>GW11-2a</b>	09/05/16	<0.000010	0.00467	<0.0030
<b>GW11-2b</b>	09/05/16	0.000034	0.00081	<0.0030
<b>GW12-1a</b>	04/05/16	0.000233	<0.00050	<0.0030
<b>GW12-1b</b>	04/05/16	0.0008	0.0014	<0.0030
<b>GW12-2a</b>	14/04/16	0.000043	<0.00050	<0.0030
	11/05/16	0.000042	<0.00050	<0.0030
	08/06/16	0.000043	<0.00050	<0.0030
<b>GW12-2b</b>	13/04/16	0.000801	0.00246	<0.0030
	11/05/16	0.000728	0.00244	<0.0030
	08/06/16	0.00072	0.00239	<0.0030
<b>GW12-3a</b>	27/04/16	0.000267	0.00334	0.0036
<b>GW12-3b</b>	27/04/16	0.000106	0.0111	<0.0030
<b>GW12-4a</b>	04/05/16	0.00066	<0.00050	<0.0030

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)	Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)
<b>GW12-4b</b>	04/05/16	310	168	8.1	157	<0.0050	0.54	0.197
<b>GW12-5a</b>	02/05/16	332	172	8.14	155	<0.0050	<0.50	0.136
<b>GW14-1</b>	05/05/16	285	136	8.09	154	<0.0050	<0.50	0.068
<b>GW15-1a</b>	14/04/16	281	82.1	8.04	62.9	<0.0050	6.91	0.285
	11/05/16	272	81.3	8.04	63.2	<0.0050	6.68	0.266
	08/06/16	271	81	8.12	61	<0.0050	6.49	0.267
<b>GW15-1b</b>	14/04/16	684	327	7.86	123	<0.0050	21.2	0.11
	11/05/16	712	350	7.98	128	0.0107	27.9	<0.10
	08/06/16	844	428	7.93	108	<0.0050	23.3	<0.10
<b>GW15-2a</b>	13/04/16	201	57.5	8.16	60.3	<0.0050	0.54	0.436
	11/05/16	200	58.3	8.1	61.5	<0.0050	0.51	0.408
	08/06/16	201	59.7	8.35	61.8	<0.0050	<0.50	0.405
<b>GW15-2b</b>	13/04/16	379	153	8.03	84.7	<0.0050	11.4	0.243
	11/05/16	384	160	8.09	88.7	0.0078	11.4	0.222
	08/06/16	386	160	8.14	90.1	0.0072	11	0.215
<b>GW96-1a</b>	02/05/16	663	11.1	8.82	294	0.131	3.47	0.999
<b>GW96-1b</b>	02/05/16	381	64.5	8.6	185	0.0822	<0.50	0.267
<b>GW96-2a</b>	02/05/16	449	194	8.28	221	0.0762	<0.50	0.176
<b>GW96-2b</b>	02/05/16	813	365	8.1	136	0.0477	23.6	0.17
<b>GW96-3a</b>	26/05/16	989	29.5	9.25	406	0.0462	3.9	0.14
<b>GW96-4a</b>	26/04/16	388	138	8.27	164	<0.0050	2.72	0.032
<b>GW96-4b</b>	26/04/16	1040	564	7.98	205	0.0101	15.6	<0.10
<b>GW96-7</b>	09/05/16	369	190	8.08	157	<0.0050	0.62	0.211

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		Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)
<b>GW12-4b</b>	04/05/16	0.0729	0.0729	<0.0010	0.0089	0.0102	10.7	0.081
<b>GW12-5a</b>	02/05/16	<0.0050	<0.0051	<0.0010	<0.0020	0.0036	19	<0.030
<b>GW14-1</b>	05/05/16	0.0079	0.0079	<0.0010	<0.0020	0.0056	0.7	<0.030
<b>GW15-1a</b>	14/04/16	<0.0050	<0.0051	<0.0010	0.0167	0.0184	62.9	<0.030
	11/05/16	<0.0050	<0.0051	<0.0010	0.0143	0.0215	62.5	0.035
	08/06/16	<0.0050	<0.0051	<0.0010	0.0126	0.0145	61.6	<0.030
<b>GW15-1b</b>	14/04/16	0.259	0.259	<0.0010	0.01	0.0191	201	0.279
	11/05/16	0.664	0.664	<0.0050	0.0118	0.0137	217	0.674
	08/06/16	1.74	1.78	0.0365	0.012	0.0126	298	1.86
<b>GW15-2a</b>	13/04/16	<0.0050	<0.0051	<0.0010	0.0153	0.0163	38.1	<0.030
	11/05/16	<0.0050	<0.0051	<0.0010	0.0148	0.0145	37.5	<0.030
	08/06/16	<0.0050	<0.0051	<0.0010	0.0201	0.0174	36.8	<0.030
<b>GW15-2b</b>	13/04/16	0.952	0.975	0.0234	0.0091	0.0116	82	0.988
	11/05/16	1	1.02	0.0228	0.0098	0.0161	84.2	1.06
	08/06/16	0.962	0.988	0.0261	0.0071	0.0104	84.9	1.04
<b>GW96-1a</b>	02/05/16	0.0184	0.027	0.0086	0.0404	0.0522	44	0.212
<b>GW96-1b</b>	02/05/16	<0.0050	<0.0051	<0.0010	0.0543	0.0529	19.7	0.1
<b>GW96-2a</b>	02/05/16	0.032	0.0355	0.0035	0.006	0.0298	28.5	0.124
<b>GW96-2b</b>	02/05/16	<0.025	<0.025	<0.0050	0.0327	0.0312	258	0.089
<b>GW96-3a</b>	26/05/16	0.123	0.123	<0.0050	0.0175	0.0356	91.8	0.219
<b>GW96-4a</b>	26/04/16	0.113	0.113	<0.0010	<0.0020	0.0038	35.8	0.149
<b>GW96-4b</b>	26/04/16	0.339	0.347	0.0078	<0.0020	0.0075	351	0.395
<b>GW96-7</b>	09/05/16	<0.0050	<0.0051	<0.0010	0.0062	0.0156	37.9	<0.030

Printed Date: 28/07/2016

# Monitoring data report for: Permitted Groundwater Monitoring Well



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)	Diss-Boron (B) (mg/L)
<b>GW12-4b</b>	04/05/16	<0.0030	<0.00010	0.00037	0.0112	<0.00010	<0.000050	0.151
<b>GW12-5a</b>	02/05/16	<0.0030	<0.00010	0.00132	0.03	<0.00010	<0.000050	0.016
<b>GW14-1</b>	05/05/16	<0.0030	<0.00010	<0.00010	0.019	<0.00010	<0.000050	0.011
<b>GW15-1a</b>	14/04/16	<0.0030	<0.00010	0.00473	0.0163	<0.00010	<0.000050	0.348
	11/05/16	<0.0030	<0.00010	0.0046	0.0162	<0.00010	<0.000050	0.397
	08/06/16	<0.0030	<0.00010	0.00474	0.0171	<0.00010	<0.000050	0.365
<b>GW15-1b</b>	14/04/16	<0.0030	<0.00010	0.00163	0.0685	<0.00010	<0.000050	0.163
	11/05/16	<0.0030	<0.00010	0.00148	0.0692	<0.00010	<0.000050	0.181
	08/06/16	<0.0030	<0.00010	0.00156	0.0863	<0.00010	<0.000050	0.182
<b>GW15-2a</b>	13/04/16	<0.0030	<0.00010	0.00367	0.00852	<0.00010	<0.000050	0.459
	11/05/16	<0.0030	<0.00010	0.00353	0.00769	<0.00010	<0.000050	0.43
	08/06/16	0.0035	<0.00010	0.00382	0.01	<0.00010	<0.000050	0.502
<b>GW15-2b</b>	13/04/16	<0.0030	0.00012	0.00206	0.0355	<0.00010	<0.000050	0.226
	11/05/16	<0.0030	0.00013	0.00188	0.0353	<0.00010	<0.000050	0.205
	08/06/16	<0.0030	0.00014	0.00205	0.0407	<0.00010	<0.000050	0.233
<b>GW96-1a</b>	02/05/16	0.008	0.00032	0.00634	0.0225	<0.00010	<0.000050	1.73
<b>GW96-1b</b>	02/05/16	<0.0030	<0.00010	0.00536	0.0398	<0.00010	<0.000050	0.133
<b>GW96-2a</b>	02/05/16	<0.0030	0.00024	0.0065	0.0658	<0.00010	<0.000050	0.053
<b>GW96-2b</b>	02/05/16	<0.0030	<0.00010	0.00159	0.0188	<0.00010	<0.000050	0.056
<b>GW96-3a</b>	26/05/16	0.365	0.00062	0.045	0.0067	<0.00010	<0.000050	1.59
<b>GW96-4a</b>	26/04/16	<0.0030	<0.00010	0.00352	0.018	<0.00010	<0.000050	0.224
<b>GW96-4b</b>	26/04/16	<0.0030	<0.00010	0.00109	0.0595	<0.00010	<0.000050	0.081
<b>GW96-7</b>	09/05/16	<0.0030	<0.00010	0.00135	0.0186	<0.00010	<0.000050	0.015



# Monitoring data report for: Permitted Groundwater Monitoring Well



**Mount Polley**  
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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)	Diss-Lead (Pb) (mg/L)
<b>GW12-4b</b>	04/05/16	0.0000086	51.5	<0.00050	0.0002	<0.00050	<0.030	<0.000050
<b>GW12-5a</b>	02/05/16	0.0000123	59.8	<0.00050	<0.00010	<0.00050	0.306	<0.000050
<b>GW14-1</b>	05/05/16	<0.0000050	38.1	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
<b>GW15-1a</b>	14/04/16	0.0000071	29.5	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	11/05/16	<0.0000050	29.3	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	08/06/16	0.0000066	29.1	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
<b>GW15-1b</b>	14/04/16	0.0000072	107	<0.00050	<0.00010	0.00058	<0.030	<0.000050
	11/05/16	0.0000065	114	<0.00050	<0.00010	0.00062	<0.030	<0.000050
	08/06/16	0.000011	139	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
<b>GW15-2a</b>	13/04/16	<0.0000050	18.1	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	11/05/16	<0.0000050	18.4	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	08/06/16	<0.0000050	18.8	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
<b>GW15-2b</b>	13/04/16	<0.0000050	50.1	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	11/05/16	<0.0000050	52.4	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	08/06/16	<0.0000050	52.1	<0.00050	<0.00010	0.0005	<0.030	<0.000050
<b>GW96-1a</b>	02/05/16	0.000341	2.61	<0.00050	<0.00010	<0.00050	<0.030	0.000125
<b>GW96-1b</b>	02/05/16	0.0000067	11.6	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
<b>GW96-2a</b>	02/05/16	0.0000249	41.4	<0.00050	<0.00010	<0.00050	0.101	<0.000050
<b>GW96-2b</b>	02/05/16	<0.000020	90.2	<0.00050	<0.00010	0.00098	<0.030	<0.000050
<b>GW96-3a</b>	26/05/16	<0.0000050	8.84	<0.00050	<0.00010	0.00101	0.034	<0.000050
<b>GW96-4a</b>	26/04/16	0.0000078	34.1	<0.00050	<0.00010	0.00091	<0.030	<0.000050
<b>GW96-4b</b>	26/04/16	0.0000109	152	<0.00050	0.00012	<0.00050	0.284	<0.000050
<b>GW96-7</b>	09/05/16	<0.0000050	58.2	<0.00050	<0.00010	<0.00050	0.196	<0.000050

Printed Date: 28/07/2016

# Monitoring data report for: Permitted Groundwater Monitoring Well



**Mount Polley**  
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IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)	Diss-Selenium (mg/L)
<b>GW12-4b</b>	04/05/16	<0.0010	9.63	0.153	0.0364	<0.00050	1.11	<0.000050
<b>GW12-5a</b>	02/05/16	0.0024	5.59	0.065	0.0112	<0.00050	0.498	0.000055
<b>GW14-1</b>	05/05/16	<0.0010	9.93	0.0262	0.000226	<0.00050	1.81	0.000059
<b>GW15-1a</b>	14/04/16	0.0029	2.02	0.0307	0.0233	<0.00050	0.301	0.000057
	11/05/16	0.0039	1.99	0.0289	0.0246	<0.00050	0.312	<0.000050
	08/06/16	0.0033	2.01	0.0441	0.0258	<0.00050	0.27	<0.000050
<b>GW15-1b</b>	14/04/16	0.0028	14.3	0.00013	0.00492	<0.00050	0.606	0.0114
	11/05/16	0.0039	15.5	0.00091	0.0048	<0.00050	0.577	0.00918
	08/06/16	0.0034	19.3	0.00136	0.00447	<0.00050	0.577	0.0108
<b>GW15-2a</b>	13/04/16	0.0026	2.97	0.029	0.0423	<0.00050	0.335	<0.000050
	11/05/16	0.0027	3.01	0.0251	0.0427	<0.00050	0.289	<0.000050
	08/06/16	0.004	3.08	0.0271	0.0429	<0.00050	0.446	<0.000050
<b>GW15-2b</b>	13/04/16	0.0029	6.71	0.0634	0.0413	<0.00050	0.408	0.00026
	11/05/16	0.003	7.09	0.0596	0.0431	<0.00050	0.405	0.000289
	08/06/16	0.0034	7.27	0.0565	0.0436	0.00054	0.455	0.000344
<b>GW96-1a</b>	02/05/16	0.0863	1.11	0.00511	0.0369	<0.00050	0.883	<0.000050
<b>GW96-1b</b>	02/05/16	<0.0010	8.6	0.00886	0.00982	<0.00050	1.35	<0.000050
<b>GW96-2a</b>	02/05/16	0.0351	21.9	0.00747	0.00278	<0.00050	1.97	<0.000050
<b>GW96-2b</b>	02/05/16	<0.0010	34	0.213	0.0915	<0.00050	2	0.000056
<b>GW96-3a</b>	26/05/16	0.12	1.79	0.0152	0.0202	<0.00050	2.26	0.000093
<b>GW96-4a</b>	26/04/16	0.0199	12.8	0.00155	0.00106	<0.00050	0.153	<0.000050
<b>GW96-4b</b>	26/04/16	0.0114	44.7	0.234	0.000667	<0.00050	0.508	<0.000050
<b>GW96-7</b>	09/05/16	0.0063	10.9	0.172	0.00514	<0.00050	1.19	<0.000050

Printed Date: 28/07/2016

# Monitoring data report for: Permitted Groundwater Monitoring Well



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		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)	Diss-Titanium (Ti) (mg/L)
<b>GW12-4b</b>	04/05/16	5.76	<0.000010	4.9	0.136	<0.000010	<0.00010	<0.010
<b>GW12-5a</b>	02/05/16	7.89	<0.000010	4.75	0.198	<0.000010	<0.00010	0.011
<b>GW14-1</b>	05/05/16	7.15	<0.000010	7.08	1.17	<0.000010	<0.00010	<0.010
<b>GW15-1a</b>	14/04/16	9.44	<0.000010	26.2	0.126	<0.000010	<0.00010	<0.010
	11/05/16	9.55	<0.000020	25.6	0.122	<0.000010	<0.00010	<0.010
	08/06/16	9.7	<0.000010	25.7	0.134	<0.000010	<0.00010	<0.010
<b>GW15-1b</b>	14/04/16	7.99	<0.000010	21.3	0.273	<0.000010	<0.00010	0.013
	11/05/16	8.05	<0.000010	22.8	0.285	<0.000010	<0.00010	0.017
	08/06/16	8.29	<0.000010	24.3	0.382	<0.000010	<0.00010	0.019
<b>GW15-2a</b>	13/04/16	8.55	<0.000010	19	0.0363	<0.000010	<0.00010	<0.010
	11/05/16	8.72	<0.000010	18	0.0342	<0.000010	<0.00010	<0.010
	08/06/16	8.51	<0.000010	19.2	0.0409	<0.000010	0.00018	<0.010
<b>GW15-2b</b>	13/04/16	6.77	<0.000010	20.7	0.154	<0.000010	<0.00010	<0.010
	11/05/16	6.86	<0.000010	19.7	0.156	<0.000010	<0.00010	<0.010
	08/06/16	7	<0.000010	20.7	0.168	<0.000010	0.00021	0.01
<b>GW96-1a</b>	02/05/16	8.99	<0.000010	144	0.131	<0.000010	<0.00010	<0.010
<b>GW96-1b</b>	02/05/16	4.93	<0.000010	59.8	0.337	<0.000010	<0.00010	<0.010
<b>GW96-2a</b>	02/05/16	3.12	<0.000010	23.6	0.402	<0.000010	<0.00010	<0.010
<b>GW96-2b</b>	02/05/16	8.06	<0.000010	34.3	0.638	<0.000010	<0.00010	0.014
<b>GW96-3a</b>	26/05/16	10.9	<0.000010	247	0.152	<0.000010	<0.00010	<0.010
<b>GW96-4a</b>	26/04/16	9.63	<0.000010	33.8	1.15	<0.000010	<0.00010	<0.010
<b>GW96-4b</b>	26/04/16	10.3	<0.000010	19.4	2.21	<0.000010	<0.00010	0.012
<b>GW96-7</b>	09/05/16	12.7	<0.000010	7.95	0.136	<0.000010	<0.00010	<0.010

# Monitoring data report for: Permitted Groundwater Monitoring Well



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
<b>GW12-4b</b>	04/05/16	0.000404	0.00092	<0.0030
<b>GW12-5a</b>	02/05/16	0.000869	<0.00050	<0.0030
<b>GW14-1</b>	05/05/16	0.000399	<0.00050	0.0077
<b>GW15-1a</b>	14/04/16	0.000124	<0.00050	<0.0030
	11/05/16	0.000134	<0.00050	<0.0030
	08/06/16	0.000125	<0.00050	<0.0030
<b>GW15-1b</b>	14/04/16	0.00097	0.00081	<0.0030
	11/05/16	0.00112	0.00078	<0.0030
	08/06/16	0.00107	0.00074	<0.0030
<b>GW15-2a</b>	13/04/16	0.000133	<0.00050	<0.0030
	11/05/16	0.000117	<0.00050	<0.0030
	08/06/16	0.000163	<0.00050	<0.0030
<b>GW15-2b</b>	13/04/16	0.000277	<0.00050	<0.0030
	11/05/16	0.000284	<0.00050	<0.0030
	08/06/16	0.000294	<0.00050	<0.0030
<b>GW96-1a</b>	02/05/16	0.000255	<0.00050	<0.0030
<b>GW96-1b</b>	02/05/16	0.000923	<0.00050	<0.0030
<b>GW96-2a</b>	02/05/16	0.000096	<0.00050	<0.0030
<b>GW96-2b</b>	02/05/16	0.00159	0.00156	<0.0030
<b>GW96-3a</b>	26/05/16	0.00871	0.029	<0.0030
<b>GW96-4a</b>	26/04/16	0.00151	0.0139	<0.0030
<b>GW96-4b</b>	26/04/16	0.000609	<0.00050	<0.0030
<b>GW96-7</b>	09/05/16	0.000126	<0.00050	<0.0030

Printed Date: 28/07/2016

## Appendix 3

# Monitoring data report for: Bootjack Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In (%))	Dissolved Oxygen (in (mg/L))	pH (in situ) (pH)	Sample Depth (m)	Secchi Depth (m)	Temp (in situ) (Degrees Celcius)
<b>B1-B</b>	28/04/16	86.8	62.3	7.74	6.97	11		6.068
<b>B1- Mid</b>	28/04/16	86.5	74.5	9.03	7.13	6		7.079
<b>B1-S</b>	28/04/16	86.3	89	10.2	7.37	0	3.5	9.358
<b>B2-Mid</b>	28/04/16	86.9	70.1	8.57	7.49	7		6.71
<b>B2-B</b>	28/04/16	88.2	56.9	7.14	7.43	12		5.674
<b>B2-S</b>	28/04/16	85.9	95.8	10.59	7.62	0	3.85	10.865

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In (%))	Dissolved Oxygen (in (mg/L))	pH (in situ) (pH)	Sample Taken	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>EDC-01</b>	04/04/16	82.3		13.26	7.584	Yes	2	4.64
	11/04/16	76.1			8.07	Yes	4.076	4.47
	19/04/16	85.2			7.752	Yes	7.6	2.39
	25/04/16	94.1			7.885	Yes	9.6	1.69
	05/05/16	126.3	102.3	10.47	7.968	Yes	10.5	1.82
	07/06/16	180.5	102.6	9.26	7.928	Yes	15.8	0.98

# Monitoring data report for: Bootjack Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		NTU - in situ (ntu)
<b>B1-B</b>	28/04/16	0.8
<b>B1- Mid</b>	28/04/16	0.72
<b>B1-S</b>	28/04/16	0.6
<b>B2-Mid</b>	28/04/16	0.62
<b>B2-B</b>	28/04/16	0.85
<b>B2-S</b>	28/04/16	0.58

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In %)	Dissolved Oxygen (In mg/L)	pH (in situ) (pH)	Sample Taken	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>E11</b>	04/04/16	1158		10.24	8.518	Yes	6.4	1.96
	11/04/16	1176			8.426	Yes	8.5	2.65
	19/04/16	1180			8.535	Yes	7.8	2.06
	25/04/16	1189			8.548	Yes	8.9	2.38
	26/04/16	1191			8.498	Yes	8.7	4.04
	27/04/16	1186			8.535	Yes	7.9	2.8
	28/04/16	1193			8.52	Yes	8.3	2.37
	03/05/16	1127.9			7.29	Yes	10.469	3.15
	02/06/16	1191			8.584	Yes	13.8	1.58
<b>E11a</b>	28/04/16	1187			8.467	Yes	8.7	2.54
	02/05/16	1201			8.361	Yes	10.1	2.31
	05/05/16	1164			8.443	Yes	9	1.69
	10/05/16	1201			8.072	Yes	9.4	2.01
	17/05/16	1159			8.479	Yes	12.2	2.92
	24/05/16	1196			8.214	Yes	11.2	5.28
	31/05/16	1219			8.565	Yes	10.8	2.46
	07/06/16	1217	111.3	9.79	8.541	Yes	14.7	3.23
	14/06/16	1219			8.329	Yes	12.3	2.97
	20/06/16	1217			8.329	Yes	13.5	1.56
	23/06/16	1225			8.397	Yes	12.7	3.33
	27/06/16	1209			8.222	Yes	15.3	2.63
	29/06/16	1217			8.492	Yes	15.6	2.18



# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In %)	Dissolved Oxygen (In mg/L)	pH (in situ) (pH)	Sample Taken	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>E19</b>	04/04/16	1154		9.76	8.083	Yes	7.2	6.18
	11/04/16	1197			8.499	Yes	8.8	6.57
	13/04/16	1203			8.358	Yes	7.7	7.42
	19/04/16	1241			8.15	Yes	11	6.42
	25/04/16	1251			8.163	Yes	11.2	7.98
	26/04/16	1251			8.029	Yes	11.3	4.41
	27/04/16	1245			7.98	Yes	11.7	3.08
	28/04/16	1254			7.94	Yes	11.6	1026
	05/05/16	1164			8.358	Yes	9.9	5.11
	10/05/16	1202			8.215	Yes	10	1.33
	17/05/16	1161			8.454	Yes	12.8	1.77
	24/05/16	1193			8.461	Yes	12.8	4.23
	31/05/16	1216	77.6	7.77	8.524	Yes	11.4	2.35
	07/06/16	1213	110.5	9.72	8.472	Yes	15.3	2.18
	14/06/16	1220			8.301	Yes	12.2	2.89
	18/06/16	1195			8.177	Yes	18	0.39
20/06/16	1215			8.326	Yes	14.4	2.44	
27/06/16	1218			8.275	Yes	15.4	3.11	
<b>HAD-3</b>	04/04/16	1161		9.85	7.433	Yes	8.6	0.76
	11/04/16	1211			7.639	Yes	8.8	0.72
	13/04/16	1215			7.565	Yes	7.8	1.09
	19/04/16	1252			7.457	Yes	10.5	1.37
	05/05/16	1175			7.274	Yes	10	1.96
	10/05/16	1211			7.277	Yes	9.9	0.5

# Monitoring data report for: Effluent Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In (%))	Dissolved Oxygen (In (mg/L))	pH (in situ) (pH)	Sample Taken	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>HAD-3</b>	17/05/16	1172			7.414	Yes	12.6	0.5
	24/05/16	1213			7.384	Yes	12.2	0.21
	31/05/16	1228			7.331	Yes	13.3	0.7
	07/06/16	1216	112.3	10.1	7.397	Yes	14.9	0.36
	14/06/16	1228			7.346	Yes	12.3	0.39
	18/06/16	1179			8.158	Yes	17.8	0.53
	20/06/16	1215			8.297	Yes	14.4	1.05
	23/06/16	1228			8.345	Yes	13	2.61
	27/06/16	1215			8.248	Yes	15.6	1.82
	29/06/16	1214			8.478	Yes	16.1	2.37

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (ln (%))	Dissolved Oxygen (ln (mg/L))	pH (in situ) (pH)	Sample Taken	Staff Gauge (m)	Temp (in situ) (Degrees Celcius)
<b>HAC-05a</b>	04/04/16	869		10.61	7.805	Yes	0.468	6.5
	11/04/16	583	105.2	11.48	8.041	No		6.8
	13/04/16	657			8.031	No	0.532	6.9
	19/04/16	669			8.029	No		8.5
	25/04/16	290			8.356	No		9.2
	05/05/16	904	105.6	10.34	7.875	Yes		11.5
	10/05/16	927			7.983	No		11
	17/05/16	900			8.038	No		14.1
	24/05/16	930	107.4	9.99	8.072	No		13.5
	07/06/16	933	107.8	9.3	7.912	Yes	0.46	16.8
	14/06/16	1160			7.746	No		12.5
	18/06/16	1104			8.393	No	0.49	18.8
	20/06/16	1040			8.25	No		17.1
	27/06/16	969			8.32	No		16.7
<b>HAC-08</b>	04/04/16	545		11.44	8.183	Yes		5.7
	05/05/16	818	102.5	10.23	8.278	Yes		11.6
	07/06/16	937	103.2	9.4	8.202	Yes		16.1
<b>HAC-10</b>	04/04/16	246		9.31	8.1	Yes	1.3	3.8
	11/04/16	233			8.459	No	1.354	4.5
	13/04/16	282			8	No	1.317	3.2
	19/04/16	290			8.184	No		6
	25/04/16	260			8.283	No		7.1

Printed Date: 28/07/2016

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		NTU - in situ (ntu)
<b>HAC-05a</b>	04/04/16	10.58
	11/04/16	2.77
	13/04/16	3.76
	19/04/16	2.27
	25/04/16	3.54
	05/05/16	2.51
	10/05/16	1.59
	17/05/16	0.78
	24/05/16	1.11
	07/06/16	0.57
	14/06/16	0.28
	18/06/16	3.41
	20/06/16	1.53
	27/06/16	2.93
<b>HAC-08</b>	04/04/16	34.1
	05/05/16	3.04
	07/06/16	0.94
<b>HAC-10</b>	04/04/16	1.97
	11/04/16	1.5
	13/04/16	1.43
	19/04/16	1.29
	25/04/16	2.89

Printed Date: 28/07/2016

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In %)	Dissolved Oxygen (In mg/L)	pH (in situ) (pH)	Sample Taken	Staff Gauge (m)	Temp (in situ) (Degrees Celcius)
<b>HAC-10</b>	05/05/16	277			8.257	Yes	0.434	8.4
	10/05/16	286			8.36	No	1.447	10.1
	17/05/16	277			8.221	No	0.442	13.9
	24/05/16	285	111.1	10.11	8.498	No		14.3
	31/05/16	285	105.8	10.36	8.471	No	1.378	11.5
	07/06/16	288	105.7	8.88	8.039	Yes		18.1
	14/06/16	275			8.464	No		14
	20/06/16	286			8.288	No		15.8
	27/06/16	280			8.565	No	0.42	18.4
<b>HAC-12</b>	04/04/16	567		11.32	7.96	Yes	1.062	5.3
	06/04/16	277			8.05	No	1.672	5
	07/04/16	229			8.109	No	1.544	9.3
	11/04/16	518.9	90.3	10.72	7.5	Yes	0.648	7.851
	13/04/16	599	102.2	11.08	8.013	Yes	0.551	7.8
	19/04/16	632			8.065	Yes	0.806	8.8
	25/04/16	323	101.1	11.11	8.149	Yes	1.406	7.9
	05/05/16	778	106.6	11.16	7.971	Yes	0.922	9.3
	10/05/16	884	106.9		7.966	Yes		8.7
	17/05/16	877	104.2	10.38	7.997	Yes	0.874	11.8
	24/05/16	890	106.8	10.01	7.993	Yes	0.484	13.1
	31/05/16	790	104.7	10.52	7.976	Yes	0.588	11.8
	07/06/16	831	105.6	10.66	7.978	Yes		13.4
	14/06/16	1040	103.5	10.43	7.896	Yes		10.6
	18/06/16	926	109.5	9.57	7.996	Yes	0.656	18.6

Printed Date: 28/07/2016

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		NTU - in situ (ntu)
<b>HAC-10</b>	05/05/16	3.93
	10/05/16	3.24
	17/05/16	4.63
	24/05/16	1.51
	31/05/16	0.52
	07/06/16	1.73
	14/06/16	3.11
	20/06/16	1.08
	27/06/16	1.06
<b>HAC-12</b>	04/04/16	18.8
	06/04/16	74
	07/04/16	22.4
	11/04/16	5.14
	13/04/16	3.83
	19/04/16	2.51
	25/04/16	5.03
	05/05/16	5.62
	10/05/16	0.63
	17/05/16	0.85
	24/05/16	0.73
	31/05/16	0.59
	07/06/16	0.37
	14/06/16	1.17
18/06/16	4.35	

Printed Date: 28/07/2016

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (ln (%))	Dissolved Oxygen (in (mg/L))	pH (in situ) (pH)	Sample Taken	Staff Gauge (m)	Temp (in situ) (Degrees Celcius)
<b>HAC-12</b>	20/06/16	984	111.5	9.53	8.173	Yes	0.458	18.9
	27/06/16	933	112	10.38	8.22	Yes	0.478	15.2
<b>HAC-13 - HAC U/S</b>	04/04/16	604		10.05	7.903	Yes		5.7
	11/04/16	262			8.259	Yes		5.4
	13/04/16	301			8.17	Yes		5.3
	19/04/16	300			8.194	Yes		6.8
	25/04/16	277			8.277	Yes		8.2
	05/05/16	301	106.5	10.34	8.249	Yes		11.5
	10/05/16	302			8.376	Yes		11.3
	17/05/16	306			8.406	Yes		16.3
	24/05/16	307	113.2	9.9	8.576	Yes		16.1
	31/05/16	298	106.8	10.18	8.51	Yes		12.7
	07/06/16	301	113.2	9.11	8.315	Yes		20.2
	14/06/16	643			8.227	Yes		13.7
	18/06/16	504			8.15	Yes		21
	20/06/16	341			8.492	Yes		20.2
	27/06/16	304			8.541	Yes		19.4

# Monitoring data report for: Hazeltine Creek



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		NTU - in situ (ntu)
<b>HAC-12</b>	20/06/16	2.54
	27/06/16	4.6
<b>HAC-13 - HAC U/S</b>	04/04/16	34.5
	11/04/16	3.38
	13/04/16	3.05
	19/04/16	1.86
	25/04/16	3.55
	05/05/16	2.87
	10/05/16	2.7
	17/05/16	2.8
	24/05/16	1.45
	31/05/16	0.78
	07/06/16	1.52
	14/06/16	2.58
	18/06/16	120
	20/06/16	1.31
	27/06/16	2.12



# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	pH (in situ) (pH)	Q (m <sup>3</sup> /s)	Sample Taken	Staff Gauge (m)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>W1</b>	07/04/16	80.7	7.336		Yes		1.8	2.44
	03/05/16	97.2	7.665		Yes		11.7	4.84
	01/06/16	104.7	7.689		Yes		12.5	1.28
<b>W4a</b>	05/04/16	179.3	8.137		Yes		2.4	10.09
	11/04/16	184.4	7.981		Yes		4.1	4.52
	18/04/16	202	8.172		Yes		5.3	2.5
	25/04/16	220	8.403	0.00817	Yes		4.4	2.21
	02/05/16	243	8.555	0.00433	Yes		7.4	1.03
	16/05/16	318	8.1	0.00231	No		9.3	0.52
	02/06/16	317	8.375	0.00165	Yes		8.8	0.32
	23/06/16	332	8.301	0.00165	No		8.6	1.16
<b>W5</b>	05/04/16	48	6.404		Yes	0.35	0.3	2.22
	11/04/16	49.7	7.468		Yes	0.293	3	1.95
	18/04/16	52.5	7.455		Yes	0.198	6.6	3.01
	25/04/16	60.9	7.564	0.186	Yes		5.8	1.81
	02/05/16	79.2	7.831		Yes	0.114	9.2	1.69
	04/05/16			0.0046	No	0.107		
	11/05/16	95.7	7.845	0.0062	No	0.221	6.6	0.79
	02/06/16	123	7.652		Yes	0.098	8.5	1.04
	23/06/16	98	7.605	0.0064	No	0.113	10	3.46
<b>W8</b>	05/04/16	94.9	7.324		Yes	0.594	2.4	2.48
	11/04/16	117.4	7.651		Yes	0.497	3.8	1.07

Printed Date: 28/07/2016

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	pH (in situ) (pH)	Q (m <sup>3</sup> /s)	Sample Taken	Staff Gauge (m)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>W8</b>	18/04/16	179	7.877		Yes	0.428	6.7	1.56
	25/04/16	157	7.776	0.452	Yes		7.4	1.26
	02/05/16	248	8.015		Yes	0.403	7.3	0.84
<b>W8z</b>	02/05/16	54	6.95		Yes		7.6	0.5
<b>W10</b>	04/04/16	81.4	7.625		Yes		1.9	2.9
	04/05/16	110.4	8.044		Yes		11.9	1.3
	06/06/16	162.1	8.053		Yes		13.6	
<b>W12</b>	06/04/16	114.2	7.654	0.4703	No	0.967	1.9	0.56
	20/04/16	143.3	7.897	0.1238	No	0.755	6.9	0.4
	26/04/16	145	7.8	0.1122	No		8.9	0.35
	03/05/16	157	7.644	0.0434	Yes	0.687	12.2	1.68
	11/05/16	162.2	7.689	0.0463	No	0.789	8.5	3.47
	17/05/16	168	7.651	0.0247	No	0.678	12.4	0.53
	31/05/16	169.5	7.794	0.0228	No	0.672	11.5	0.66
	23/06/16	188.8	7.633	0.0163	No	0.658	13.3	1.16
<b>W20 Creek</b>	04/05/16	158.2	7.685		Yes		9	1.99

# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In %)	Dissolved Oxygen (In mg/L)	pH (in situ) (pH)	Sample Depth (m)	Sample Taken	Secchi Depth (m)
<b>P1-S</b>	14/04/16	265.6	88.5	11.64	8.1	0		4
	09/05/16	267.9	95.7	11.16	7.66	0		2.4
	06/06/16	266.9	93.1	8.95	7.77	0	Yes	6.75
<b>P1-10</b>	14/04/16	269.2	87.7	11.67	8.11	10		
	09/05/16	269.5	89	10.71	7.71	10		
	06/06/16	266.9	78.6	8.83	7.68	10	Yes	
<b>P1-5</b>	09/05/16	268	94.9	11.125	7.69	5		
	06/06/16	265.1	89.4	9.4	7.82	5	Yes	
<b>P1-15</b>	09/05/16	269.8	85.8	10.5	7.62	15		
	06/06/16	268.8	69.1	8.31	7.39	15	Yes	
<b>P1-20</b>	14/04/16	270.6	86	11.45	8.07	20		
	09/05/16	271.1	79.8	10.01	7.55	20		
	06/06/16	269.9	62.7	7.78	7.23	20	Yes	
<b>P1-B</b>	14/04/16	275.5	81.7	10.9	8.05	25		
	09/05/16	273	71.1	9.13	7.44	28		
	06/06/16	270.8	56	7.06	7.14	28	Yes	
<b>P2-S</b>	14/04/16	277.5	79.4	10.54	8.14	0		3.5
	09/05/16	267.5	97.4	11.18	8.16	0		2.3
	06/06/16	266.9	93.7	8.98	8.12	0	Yes	6.2
<b>P2-5</b>	09/05/16	267.6	96.8	11.16	8.16	5		
	06/06/16	265.5	90.6	9.31	8.17	5	Yes	
<b>P2-10</b>	14/04/16	276.7	76.8	10.2	8.01	10		

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# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>P1-S</b>	14/04/16	3.851	3.22
	09/05/16	8.61	1.62
	06/06/16	17.247	0
<b>P1-10</b>	14/04/16	3.404	1.13
	09/05/16	7.328	2.06
	06/06/16	10.157	0.22
<b>P1-5</b>	09/05/16	8.444	1.59
	06/06/16	13.093	0.21
<b>P1-15</b>	09/05/16	6.678	2.48
	06/06/16	7.315	0.36
<b>P1-20</b>	14/04/16	3.399	1.36
	09/05/16	5.685	2.99
	06/06/16	6.09	0.45
<b>P1-B</b>	14/04/16	3.329	1.29
	09/05/16	4.733	3.05
	06/06/16	5.466	0.95
<b>P2-S</b>	14/04/16	3.513	0.99
	09/05/16	9.285	1.66
	06/06/16	17.413	0
<b>P2-5</b>	09/05/16	9.091	1.61
	06/06/16	14.052	0.09
<b>P2-10</b>	14/04/16	3.447	1.25

Printed Date: 28/07/2016

# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In (%))	Dissolved Oxygen (In (mg/L))	pH (in situ) (pH)	Sample Depth (m)	Sample Taken	Secchi Depth (m)
<b>P2-10</b>	09/05/16	267.7	95.9	11.09	8.16	10		
	06/06/16	268	77.7	8.9	8.01	10	Yes	
<b>P2-15</b>	09/05/16	271.8	84.7	10.5	8.18	15		
	06/06/16	269.8	65.6	8.07	7.76	15	Yes	
<b>P2-20</b>	14/04/16	277.7	73	9.72	7.96	20		
	09/05/16	271.9	75.8	9.64	7.99	20		
	06/06/16	270.6	58.2	7.33	7.53	20	Yes	
<b>P2-B</b>	14/04/16	278.8	68.1	9.08	7.92	25		
	09/05/16	272.9	71.8	9.22	7.86	27		
	06/06/16	270.7	55.7	7.03	7.42	27	Yes	

# Monitoring data report for: Polley Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>P2-10</b>	09/05/16	8.978	1.62
	06/06/16	9.304	0.25
<b>P2-15</b>	09/05/16	6.072	2.78
	06/06/16	6.392	0.57
<b>P2-20</b>	14/04/16	3.365	1.61
	09/05/16	5.11	2.77
	06/06/16	5.503	0.93
<b>P2-B</b>	14/04/16	3.295	1.7
	09/05/16	4.785	3.19
	06/06/16	5.473	1.14

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (ln (%))	Dissolved Oxygen (in (mg/L))	pH (in situ) (pH)	Sample Depth (m)	Sample Taken	Secchi Depth (m)
<b>QUL-120a-0m</b>	26/04/16	97.9	91.4	11.28	7.58	0		5.25
	19/05/16					0	Yes	4.5
	27/06/16	90.5	87.6	8.12	8.26	0	Yes	7.75
<b>QUL-120a-120m</b>	19/05/16	104.7	89.2	11.43	7.82	120	Yes	
	27/06/16	109.1	80.9	10.64	7.45	120	Yes	
<b>QUL-120a-140m</b>	19/05/16	104.7	90.6	11.44	7.81	140	Yes	
	27/06/16	109.2	80	10.53	7.44	140	Yes	
<b>QUL-120a-40m</b>	26/04/16	101.3	85.2	11.12	7.33	40		
	27/06/16	108.1	85.9	11.04	7.71	40	Yes	
<b>QUL-120a-80m</b>	26/04/16	101.5	82.9	10.87	7.19	80		
	27/06/16	108.8	82.9	10.88	7.55	80	Yes	
<b>QUL-18-0m</b>	26/04/16	100.3	93.4	11.39	7.97	0		6.25
	19/05/16	99.2	102.1	11.1	7.59	0	Yes	4.7
	30/05/16	102.4	94.5	10.67	7.83	0	Yes	6
	28/06/16	97.1	106.6	10.07	7.51	0	Yes	6.9
<b>QUL-18-100m</b>	26/04/16	103.8	89.3	11.7	7.69	100		
	19/05/16						Yes	
	30/05/16	111	81.2	10.57	7.61	100	Yes	
	28/06/16	110.3	84.9	11.01	7.5	100	Yes	
<b>QUL-18-20m</b>	26/04/16	103.7	93.8	12.1	8.03	20		
	19/05/16	104.6	89.5	11.4	7.74	20	Yes	
	30/05/16	107.2	86.9	11.08	7.78	20	Yes	

Printed Date: 28/07/2016

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>QUL-120a-0m</b>	26/04/16	6.4	0.56
	19/05/16		
	27/06/16	18.833	0
<b>QUL-120a-120m</b>	19/05/16	4.881	1.42
	27/06/16	3.856	0
<b>QUL-120a-140m</b>	19/05/16	5.438	1.84
	27/06/16	3.811	0
<b>QUL-120a-40m</b>	26/04/16	4.124	0.12
	27/06/16	4.738	0
<b>QUL-120a-80m</b>	26/04/16	3.956	0.19
	27/06/16	3.957	0
<b>QUL-18-0m</b>	26/04/16	7.109	0.27
	19/05/16	11.712	0.22
	30/05/16	10.017	0.11
	28/06/16	18.223	0
<b>QUL-18-100m</b>	26/04/16	4.007	0.74
	19/05/16		
	30/05/16	4.246	0.43
	28/06/16	4.381	0
<b>QUL-18-20m</b>	26/04/16	4.573	0.43
	19/05/16	5.157	0.09
	30/05/16	4.991	0.02

Printed Date: 28/07/2016



# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In %)	Dissolved Oxygen (In mg/L)	pH (in situ) (pH)	Sample Depth (m)	Sample Taken	Secchi Depth (m)
<b>QUL-18-20</b>	28/06/16	105.9	88.2	10.94	7.77	20	Yes	
<b>QUL-18-50 m</b>	26/04/16	103.5	90.3	11.78	7.99	50		
	19/05/16	105.9	86.8	11.2	7.72	50	Yes	
	28/06/16	108.3	86.1	11.07	7.57	50	Yes	
<b>QUL-2a-0m</b>	26/04/16	100.9	98.8	11.59	8.06	0		6.5
	19/05/16	98.4	102.8	10.9	7.65	0	Yes	5.25
	28/06/16	95.7	101.9	9.68	7.82	0	Yes	7.8
<b>QUL-2a-20 m</b>	26/04/16	100.5	91.5	11.65	7.95	20		
	16/05/16	104.1	88.7	11.3	7.87	20	Yes	
	28/06/16	105.9	88.7	11.2	7.17	20	Yes	
<b>QUL-2a-40 m</b>	26/04/16	101.4	88.5	11.49	7.95	40		
	19/05/16	104.1	85.9	11.1	7.78	40	Yes	
	28/06/16					40	Yes	
<b>QUL-2a-60 m</b>	26/04/16	102.5	87.5	11.41	7.96	60		
	19/05/16	105.3	85.7	11.1	7.69	53	Yes	
	28/06/16					60	Yes	
<b>QUL-58-AT</b>	28/06/16	97	95.6	9.89	7.87	6	Yes	
<b>QUL-58-B</b>	11/04/16	117	87.1	11.49	7.79	68		
	25/04/16	109.3	83.6	11.18	7.79	68		
	27/04/16	104.2	88.4	11.56	7.98	68		
	05/05/16	108.7	87.6	11.4	7.81	68		
	10/05/16	109.3	85.3	11.05	7.46	68		
	17/05/16	112.1	86.1	11.04	7.56	68		
	25/05/16	109.2	86.2	11.1	7.42	68	Yes	

Printed Date: 28/07/2016

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>QUL-18-20</b>	28/06/16	6.115	0
<b>QUL-18-50 m</b>	26/04/16	4.168	0.58
	19/05/16	4.472	0.29
	28/06/16	4.729	0
<b>QUL-2a-0m</b>	26/04/16	8.342	0.15
	19/05/16	12.616	0.15
	28/06/16	17.794	0
<b>QUL-2a-20 m</b>	26/04/16	5.076	0.22
	16/05/16	5.14	0.09
	28/06/16	5.315	0
<b>QUL-2a-40 m</b>	26/04/16	4.314	0.2
	19/05/16	4.538	0.03
	28/06/16		
<b>QUL-2a-60 m</b>	26/04/16	4.196	0.36
	19/05/16	4.451	0.15
	28/06/16		
<b>QUL-58-AT</b>	28/06/16	13.663	0
<b>QUL-58-B</b>	11/04/16	3.748	0.64
	25/04/16	3.227	0.88
	27/04/16	4.086	0.85
	05/05/16	4.26	0.79
	10/05/16	4.449	1
	17/05/16	4.85	0.57
	25/05/16	4.637	0.4

Printed Date: 28/07/2016

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (In %)	Dissolved Oxygen (In mg/L)	pH (in situ) (pH)	Sample Depth (m)	Sample Taken	Secchi Depth (m)
<b>QUL-58-B</b>	07/06/16					65	Yes	
	20/06/16	111.2	84.9	10.9	7.68	68	Yes	
	28/06/16	109.7	86.1	11.1	7.5	67	Yes	
<b>QUL-58-BT</b>	28/06/16	109	88.2	11.1	7.72	22	Yes	
<b>QUL-58-MI D</b>	11/04/16	113.5	87.5	11.54	7.8	35		
	27/04/16	105.6	91	11.75	8	35		
	05/05/16	107.5	91	11.57	7.88	35		
	10/05/16	107	86.1	11.04	7.5	35		
	17/05/16	106.8	87.6	11.23	7.64	35		
	25/05/16	104.7	87.1	11.2	7.46	35	Yes	
	07/06/16	113	76.2	9.72	7.66	35	Yes	
	20/06/16	103.8	86.6	11	7.84	35	Yes	
	<b>QUL-58-S</b>	11/04/16	113.4	85.4	11.28	7.78	0	
27/04/16		102.2	96.9	10.96	8.09	0		6.05
05/05/16		106.4	87.8	10.47	7.99	0		5.25
10/05/16		105.3	88.6	10.78	7.55	0		8.5
17/05/16		96.7	101.4	10.89	7.52	0		6.3
25/05/16		97.8	93.9	10.5	7.44	0	Yes	6
07/06/16		94.5	87.4	8.85	7.92	0	Yes	6.25
20/06/16		92.4	94.9	9.47	8.12	0	Yes	9.05
28/06/16		97.5	103.8	9.68	7.82	0	Yes	8.5
<b>QUL-59-B</b>	17/05/16	108.1	86.8	11.16	7.66	57		
<b>QUL-59-MI</b>	17/05/16	101.4	88.3	11.3	7.65	31		
<b>QUL-59-S</b>	17/05/16	97.7	101.1	10.94	7.57	0		6.3

Printed Date: 28/07/2016

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>QUL-58-B</b>	07/06/16		
	20/06/16	4.916	0
	28/06/16	4.52	0
<b>QUL-58-BT</b>	28/06/16	5.666	0
<b>QUL-58-MI D</b>	11/04/16	3.725	0.6
	27/04/16	4.573	0.48
	05/05/16	5.16	0.51
	10/05/16	4.862	0.88
	17/05/16	4.847	0.46
	25/05/16	4.633	0.44
	07/06/16	5.055	0.8
	20/06/16	5.236	0
	<b>QUL-58-S</b>	11/04/16	3.662
27/04/16		9.898	0.23
05/05/16		7.686	0.54
10/05/16		6.932	0.77
17/05/16		12.165	0.55
25/05/16		10.989	0.82
07/06/16		14.81	0.01
20/06/16		15.505	0.11
28/06/16		18.759	0
<b>QUL-59-B</b>	17/05/16	4.724	0.53
<b>QUL-59-MI</b>	17/05/16	4.923	0.4
<b>QUL-59-S</b>	17/05/16	11.85	1.67

Printed Date: 28/07/2016

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (ln (%))	Dissolved Oxygen (in (mg/L))	pH (in situ) (pH)	Sample Depth (m)	Sample Taken	Secchi Depth (m)
<b>QUL-ZOO-</b>	27/06/16	98.6	93.2	8.64	8.38	0	Yes	8
<b>QUL-ZOO-</b>	27/06/16	98.3	93.9	9.13	8.09	0	Yes	7.5
<b>QUL-ZOO-</b>	27/06/16					0	Yes	9

		Cond (in situ) (µs/cm)	pH (in situ) (pH)	Sample Taken	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>QUR-11</b>	06/04/16	121.2	8.038	Yes	4.7	0.41
	21/04/16	122.4	7.918	Yes	8.6	0.45
	04/05/16	129.3	8.264	Yes	9.4	0.9
	17/05/16	111.9	8.111	Yes	10.2	0.55
	01/06/16	112.4	8.104	Yes	12.8	0.62

# Monitoring data report for: Quesnel Lake



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
<b>QUL-ZOO-</b>	27/06/16	19.227	0
<b>QUL-ZOO-</b>	27/06/16	16.579	0
<b>QUL-ZOO-</b>	27/06/16		

## Appendix 4

# Monitoring data report for: Permitted Hydrology Sites



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Q (m <sup>3</sup> /s)	Staff Gauge (m)
<b>H1 Up HAC Hydrology</b>	07/04/16	0.4626	0.5527
	19/04/16		0.558
	20/04/16	0.4709	0.535
	04/05/16	0.0958	0.443
	05/05/16		0.435
	16/05/16	0.2989	0.472
	24/05/16	0.2974	0.471
	22/06/16	0.4107	0.522
<b>H2 Low HAC Hydrology</b>	04/04/16		0.534
	06/04/16	0.9825	0.632
	11/04/16		0.514
	14/04/16	0.4216	0.492
	20/04/16	0.5216	0.513
	04/05/16	0.2012	0.403
	05/05/16		0.442
	16/05/16	0.3562	0.459
	24/05/16	0.3335	0.461
	09/06/16	0.4307	0.494
	18/06/16		0.46
	22/06/16	0.4754	0.494
<b>H3 Low EDC Hydrology</b>	04/05/16	0.2678	0.529
	05/05/16		0.511

Printed Date: 28/07/2016



# Monitoring data report for: Permitted Hydrology Sites



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Q (m <sup>3</sup> /s)	Staff Gauge (m)
<b>H3 Low EDC Hydrology</b>	16/05/16	0.2268	0.5
	24/05/16	0.1048	0.449
<b>H4 POL Weir Hydrolog</b>	07/04/16	0.3216	1.305
	04/05/16	0.061	
	16/05/16	0.0962	0.452

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Q (m <sup>3</sup> /s)	Staff Gauge (m)
<b>W1b - Morehead Creek</b>	07/04/16	0.302	0.592
	03/05/16	0.1692	0.28
	17/05/16	0.2203	0.311
	23/06/16	0.0862	0.23
<b>W4a</b>	25/04/16	0.00817	
	02/05/16	0.00433	
	16/05/16	0.00231	
	02/06/16	0.00165	
	23/06/16	0.00165	
<b>W5</b>	05/04/16		0.35
	11/04/16		0.293
	18/04/16		0.198
	25/04/16	0.186	
	02/05/16		0.114
	04/05/16	0.0046	0.107
	11/05/16	0.0062	0.221
	02/06/16		0.098
	23/06/16	0.0064	0.113
<b>W12</b>	06/04/16	0.4703	0.967
	20/04/16	0.1238	0.755
	26/04/16	0.1122	
	03/05/16	0.0434	0.687

Printed Date: 28/07/2016

# Monitoring data report for: Permitted Surface Water Quality Site



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Q (m <sup>3</sup> /s)	Staff Gauge (m)
<b>W12</b>	11/05/16	0.0463	0.789
	17/05/16	0.0247	0.678
	31/05/16	0.0228	0.672
	23/06/16	0.0163	0.658

## Appendix 5

# Monitoring data report for: QA/QC



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO <sub>3</sub> ) (mg/L)
Field Blank	05/04/16	<2.0	<0.50	5.54	<10		<0.10	<1.0
	01/06/16	<2.0		5.36	<10	<1.0	<0.10	<1.0
QUL-TB	26/04/16	<2.0	<0.50	5.23	<10		<0.10	<1.0
QUR-TB	01/06/16	<2.0	<0.50	5.36	<10	<1.0	<0.10	<1.0
Travel	02/05/16	<2.0	<0.50	5.42	<10		<0.10	<1.0
HAC-12-FB	17/05/16	<2.0	<0.50	5.36	<10		<0.10	<1.0

# Monitoring data report for: QA/QC



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>Field Blank</b>	05/04/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010
	01/06/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010
<b>QUL-TB</b>	26/04/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010
<b>QUR-TB</b>	01/06/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010
<b>Travel</b>	02/05/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010
<b>HAC-12-FB</b>	17/05/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010

# Monitoring data report for: QA/QC



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>Field Blank</b>	05/04/16	<0.0020	<0.0020	<0.30	<0.030	<0.50	<0.0030	<0.00010
	01/06/16	<0.0020	<0.0020	<0.30	<0.030	<0.50	<0.0030	<0.00010
<b>QUL-TB</b>	26/04/16	<0.0020	<0.0020	<0.30	<0.030		<0.0030	<0.00010
<b>QUR-TB</b>	01/06/16	<0.0020	<0.0020	<0.30	<0.030		<0.0030	<0.00010
<b>Travel</b>	02/05/16	<0.0020	<0.0020	<0.30	<0.030		<0.0030	<0.00010
<b>HAC-12-FB</b>	17/05/16	<0.0020	<0.0020	<0.30	<0.030	<0.50	<0.0030	<0.00010

# Monitoring data report for: QA/QC



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>Field Blank</b>	05/04/16	<0.00010	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050
	01/06/16	<0.00010	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050
<b>QUL-TB</b>	26/04/16	<0.00010	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050
<b>QUR-TB</b>	01/06/16	<0.00010	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050
<b>Travel</b>	02/05/16	<0.00010	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050
<b>HAC-12-FB</b>	17/05/16	<0.00010	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050



# Monitoring data report for: QA/QC



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>Field Blank</b>	05/04/16	<0.00050	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10
	01/06/16	<0.00050	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10
<b>QUL-TB</b>	26/04/16	<0.00050	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10
<b>QUR-TB</b>	01/06/16	<0.00050	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10
<b>Travel</b>	02/05/16	<0.00050	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10
<b>HAC-12-FB</b>	17/05/16	<0.00050	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10

# Monitoring data report for: QA/QC



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>Field Blank</b>	05/04/16	<0.00010	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010
	01/06/16	<0.00010	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010
<b>QUL-TB</b>	26/04/16	<0.00010	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010
<b>QUR-TB</b>	01/06/16	<0.00010	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010
<b>Travel</b>	02/05/16	<0.00010	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010
<b>HAC-12-FB</b>	17/05/16	<0.00010	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010

# Monitoring data report for: QA/QC



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-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)
<b>Field Blank</b>	05/04/16	<0.050	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050
	01/06/16	<0.050	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050
<b>QUL-TB</b>	26/04/16	<0.050	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050
<b>QUR-TB</b>	01/06/16	<0.050	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050
<b>Travel</b>	02/05/16	<0.050	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050
<b>HAC-12-FB</b>	17/05/16	<0.050	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050

# Monitoring data report for: QA/QC



**Mount Polley**  
**Mining Corporation**  
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Apr-2016 to: 30-Jun-2016

		Zinc (Zn)-Total (mg/L)
<b>Field Blank</b>	05/04/16	<0.0030
	01/06/16	<0.0030
<b>QUL-TB</b>	26/04/16	<0.0030
<b>QUR-TB</b>	01/06/16	<0.0030
<b>Travel</b>	02/05/16	<0.0030
<b>HAC-12-FB</b>	17/05/16	<0.0030

Printed Date: 28/07/2016

## Appendix 6

Appendix 6  
Site Water Balance Update

Q2

Item	Description <sup>1</sup>	Change over Quarter
Springer Pit Elevation (m)	1,037.95	6.75
Springer Pit Volume (m <sup>3</sup> ) - Total	11,598,111	1,600,638
Springer Pit Volume (m <sup>3</sup> ) - Tailings + Interstitial Water	3,609,362	1,102,671
Cariboo Pit Water Elevation (m)	1,058.50	-9.81
Cariboo Pit Water Volume (m <sup>3</sup> )	171,454	-193,193
TSF Elevation (m)	939	-
TSF Volume (m <sup>3</sup> ) - Total	65,920	-
TSF Volume (m <sup>3</sup> ) - Tailings + Interstitial Water	30,017	-
Total Free Water Volume (Springer + Cariboo + TSF)	8,196,106	-2,166,015
Total Water Discharged (m <sup>3</sup> )	998,728	-
Weather Statistics - Q2 Actual	Mean Temperature = 10.4°C	-
	Snowmelt = 50 mm	
	Snowpack = 0 mm	
	Rainfall = 104.8 mm	
Weather Statistics – Q2 Average	Mean Temperature = 8.3°C	-
	Snowpack = 0 mm	
	Rainfall = 151.1 mm	

Notes:

1) Elevations for end of quarter

