



Mount Polley Mining Corporation

an Imperial Metals company

November 10, 2016

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

RE: Third Quarter 2016 Report for Permit 11678

Mount Polley Mining Corporation (MPMC) is pleased to present this third 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) Rev1* submitted to the Ministry of Environment on June 23, 2016. Sampling events from the third quarter are outlined in Table 1.

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

- Hydrological monitoring was conducted at seven stations: H1, H2, H3, W1b, W4a, W5, and W12. No monitoring was conducted at H4 due to construction activities in Hazeltine Creek.
- 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 124 surface water quality sampling events.
- There were 38 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.
- Monitoring was conducted three times at QUL-57, -58, and -59 in the third 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 underneath the thermocline in the initial dilution zone during the months when the lake is stratified. All sampling events occurred at the default sampling locations; the plume was detected only twice underneath the thermocline, and where predicted and sampled twice at the QUL-58 default location.

- Cariboo Pit has been removed from the water balance reporting as it is no longer storing water and the water level of the pit is continually being maintained as low as practicable.
- There were no exceedances of permitted levels or toxicity failures in the third quarter.

Table 1: Sampling events in the third quarter 2016

Site Name	BC EMS Code	Full Sample Suite Frequency	Required Samples	Completed Samples	Required Profiles	Completed Profiles
E1	E225309	Monthly ^(a)	0 ^(b)	0	-	-
E11	E302090	Monthly	3	3	-	-
E11a	E305894	Weekly	13	14	-	-
E19	E305050	Weekly	13	13	-	-
HAD-3	E304230	Weekly ^(c)	13	16	-	-
HAC-10	E303010	Monthly	3	3	-	-
HAC-13	E304810	Weekly	13	13	-	-
HAC-05a	E304510	Monthly	3	3	-	-
HAC-08	E303013	Monthly	3	3	-	-
HAC-12	E304351	Weekly	13	13	-	-
QUL-57	E304874	Weekly/Monthly ^(d,e)	-	-	3	3
QUL-58	E304876	Weekly/Monthly ^(d)	3	3	3	3
QUL-59	E304875	Weekly/Monthly ^(d,e)	-	-	3	3
QUL-18	E303019	Monthly/ Twice ^(f)	3	3	3	3
QUL-2a	E303020	Monthly/ Twice ^(f)	3	3	3	3
QUL-120a	E303022	Seasonally ^(g)	1	2	1	2
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	3	-	-
W1	E225084	Monthly	3	3	-	-
W4a	E298551	Monthly	3	3	-	-
W5	E208039	Monthly	3	3	-	-
W8	E216743	Quarterly	1	1	-	-
W8Z	E223292	Quarterly	1	1	-	-
W10	E291209	Monthly	3	3	-	-
W12	E216744	Quarterly	1	1	-	-
W20	E297070	Quarterly	1	0 ^(h)	-	-
EDC-01	E303014	Monthly	3	3	-	-
P1	E207974	Monthly/bi-monthly ⁽ⁱ⁾	3	3	6	6
P2	E207975	Monthly/bi-monthly ⁽ⁱ⁾	3	3	6	6
B1	E207972	Bi-annually/bi-monthly ⁽ⁱ⁾	1	1	6	6
B2	E215897	Bi-annually/bi-monthly ⁽ⁱ⁾	1	1	6	6
GW96-1b	E229680	Bi-annually	1	1	-	-
GW96-2a	E229681	Bi-annually	1	1	-	-
GW96-2b	E229682	Bi-annually	1	1	-	-

Site Name	BC EMS Code	Full Sample Suite Frequency	Required Samples	Completed Samples	Required Profiles	Completed Profiles
GW96-4b	E229686	Bi-annually	1	1	-	-
GW00-1b	E242384	Bi-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	-	-
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 ^(k)	-	-
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	-	-

- (a) When depositing tailings and being used for reclaim water
- (b) Deposition of tailings into TSF is ongoing; TSF supernatant not being used as reclaim water
- (c) Only when discharging
- (d) Monthly, with intensive monitoring after spring and fall overturn; monthly during winter only when discharging
- (e) Limnological profiles only
- (f) Monthly between spring and fall overturn; twice during winter
- (g) Four times per year
- (h) No flow August 16, 2016
- (i) Monthly samples; bi-monthly profiles
- (j) Bi-annual samples; bi-monthly profiles
- (k) Well damaged; no sample taken. Well has been repaired and will be sampled in the fourth quarter.

This report includes the following appendices:

- Appendix 1: Surface water quality results
- Appendix 2: Groundwater quality results
- Appendix 3: Field parameters
- Appendix 4: Hydrology results
- Appendix 5: QA/QC Results
- Appendix 6: Site Water Balance Update

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-Jul-2016 to: 30-Sep-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
B1-B	23/08/16	100	45.8	7.32	77	2	4.51	47.3	0.025
B1-S	23/08/16	94.5	43.1	7.84	67	<1.0	0.65	43.9	<0.0050
B1-5	23/08/16	93.9	43.2	7.83	69	<1.0	1.26	42.9	<0.0050
B2-B	23/08/16	95.1	43.6	7.82	72	1.2	1.12	43.4	<0.0050
B2-S	23/08/16	94.6	43.5	7.82	70	<1.0	0.81	43.3	<0.0050
B2-5	23/08/16	94.9	43.8	7.8	68	1.3	0.87	43.7	<0.0050

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
EDC-01	06/07/16	157	82.7	8.04	136	2.1	1.02	76.6	0.0089
	02/08/16	250	133	8.05	199	<1.0	0.56	100	0.0078
	06/09/16	394	185	8.17	276	<1.0	0.41	163	<0.0050

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		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
B1-B	23/08/16	1.22	0.063	<0.0050	<0.0051	<0.0010	0.018	0.0204	0.0458
B1-S	23/08/16	1.17	0.062	<0.0050	<0.0051	<0.0010	<0.0010	0.004	0.0064
B1-5	23/08/16	1.17	0.062	<0.0050	<0.0051	<0.0010	<0.0010	0.0034	0.0084
B2-B	23/08/16	1.18	0.062	<0.0050	<0.0051	<0.0010	<0.0010	0.0035	0.0085
B2-S	23/08/16	1.17	0.063	<0.0050	<0.0051	<0.0010	<0.0010	0.0034	0.0078
B2-5	23/08/16	1.2	0.064	<0.0050	<0.0051	<0.0010	<0.0010	0.0034	0.0072

		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
EDC-01	06/07/16	<0.50	0.053	0.0086	0.0086	<0.0010	0.002	0.0092	0.013
	02/08/16	0.87	0.073	0.103	0.105	0.0014	0.0021	0.0064	0.0083
	06/09/16	2.15	0.103	0.17	0.17	<0.0010	<0.0010	0.0022	0.0067

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		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
B1-B	23/08/16	3.91	0.305	6.15	0.019	<0.00010	0.00073	0.0273	<0.00010
B1-S	23/08/16	4.61	0.294	6	0.0098	<0.00010	0.00035	0.0169	<0.00010
B1-5	23/08/16	4.61	0.288	5.96	0.019	<0.00010	0.00036	0.0176	<0.00010
B2-B	23/08/16	4.6	0.306	5.96	0.0252	0.00011	0.00037	0.0178	<0.00010
B2-S	23/08/16	4.61	0.29	6.09	0.0172	<0.00010	0.00035	0.0173	<0.00010
B2-5	23/08/16	4.65	0.296	6.33	0.0216	0.0001	0.00035	0.0174	<0.00010

		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
EDC-01	06/07/16	3.8	0.633	19.3	0.0858	<0.00010	0.00091	0.0141	<0.00010
	02/08/16	30.5	0.586	15.5	0.0416	<0.00010	0.0015	0.03	<0.00010
	06/09/16	51.7	0.383	7.49	0.0134	<0.00010	0.0015	0.0452	<0.00010

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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
B1-B	23/08/16	<0.000050	0.044	<0.000005	14.7	<0.00050	0.00012	0.00188	0.343
B1-S	23/08/16	<0.000050	0.044	<0.000005	13.1	<0.00050	<0.00010	0.00214	0.035
B1-5	23/08/16	<0.000050	0.045	<0.000005	13.6	<0.00050	<0.00010	0.00276	0.042
B2-B	23/08/16	<0.000050	0.046	<0.000005	13.7	<0.00050	<0.00010	0.00248	0.053
B2-S	23/08/16	<0.000050	0.045	<0.000005	13.4	<0.00050	<0.00010	0.00221	0.039
B2-5	23/08/16	<0.000050	0.046	<0.000005	13.8	<0.00050	<0.00010	0.00273	0.042

		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
EDC-01	06/07/16	<0.000050	0.01	0.000005	23.2	0.00084	<0.00010	0.00405	0.245
	02/08/16	<0.000050	0.018	0.0000166	35.4	0.00061	<0.00010	0.006	0.163
	06/09/16	<0.000050	0.031	0.000013	51.8	<0.00050	<0.00010	0.00507	<0.030

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Monitoring data report for: Bootjack Lake



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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
B1-B	23/08/16	0.000154	<0.0010	2.51	0.766	0.00122	<0.00050	0.517	0.00012
B1-S	23/08/16	<0.000050	<0.0010	2.38	0.0198	0.00105	<0.00050	0.44	0.000133
B1-5	23/08/16	0.000551	<0.0010	2.45	0.0207	0.00107	<0.00050	0.456	0.00013
B2-B	23/08/16	0.000192	<0.0010	2.51	0.0249	0.00106	<0.00050	0.469	0.000122
B2-S	23/08/16	<0.000050	<0.0010	2.43	0.0217	0.00103	<0.00050	0.456	0.000097
B2-5	23/08/16	0.0006	<0.0010	2.53	0.0225	0.00107	<0.00050	0.466	0.000131

		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
EDC-01	06/07/16	<0.000050	<0.0010	6.36	0.012	0.000947	0.00158	0.635	0.00021
	02/08/16	<0.000050	<0.0010	9.02	0.0196	0.00417	0.00159	1.12	0.000904
	06/09/16	<0.000050	0.0013	15.1	0.0229	0.00574	0.00091	1.54	0.0013

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		Silicon (Si)-Total (mg/L)	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)
B1-B	23/08/16	2.83	<0.000010	2.38	0.14	<0.000010	<0.00010	<0.010	0.00003
B1-S	23/08/16	0.83	0.000011	2.33	0.128	<0.000010	<0.00010	<0.010	0.000042
B1-5	23/08/16	0.859	<0.000010	2.4	0.13	<0.000010	<0.00010	<0.010	0.000043
B2-B	23/08/16	0.895	<0.000010	2.46	0.132	<0.000010	<0.00010	<0.010	0.000046
B2-S	23/08/16	0.83	<0.000010	2.39	0.131	<0.000010	<0.00010	<0.010	0.000045
B2-5	23/08/16	0.84	<0.000010	2.46	0.132	<0.000010	<0.00010	<0.010	0.000046

		Silicon (Si)-Total (mg/L)	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)
EDC-01	06/07/16	4.43	<0.000010	3.53	0.156	<0.000010	<0.00010	<0.010	0.000116
	02/08/16	4.55	<0.000010	6.71	0.244	<0.000010	<0.00010	<0.010	0.000189
	06/09/16	4.58	<0.000010	13.1	0.396	<0.000010	<0.00010	<0.010	0.000443

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		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)	Diss-Bismuth (Bi) (mg/L)
B1-B	23/08/16	<0.00050	<0.0030	0.0033	<0.00010	0.00066	0.0252	<0.00010	<0.000050
B1-S	23/08/16	<0.00050	<0.0030	0.0038	<0.00010	0.00032	0.0168	<0.00010	<0.000050
B1-5	23/08/16	<0.00050	<0.0030	0.0038	<0.00010	0.00033	0.0166	<0.00010	<0.000050
B2-B	23/08/16	<0.00050	<0.0030	0.004	<0.00010	0.00034	0.0168	<0.00010	<0.000050
B2-S	23/08/16	<0.00050	<0.0030	0.0044	<0.00010	0.00034	0.0164	<0.00010	<0.000050
B2-5	23/08/16	<0.00050	<0.0030	0.0058	<0.00010	0.00035	0.0163	<0.00010	<0.000050

		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)	Diss-Bismuth (Bi) (mg/L)
EDC-01	06/07/16	0.001	<0.0030	0.0534	<0.00010	0.00093	0.0141	<0.00010	<0.000050
	02/08/16	0.00105	<0.0030	0.0263	<0.00010	0.00134	0.0322	<0.00010	<0.000050
	06/09/16	0.00072	<0.0030	0.0051	<0.00010	0.00142	0.0437	<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)	Diss-Lead (Pb) (mg/L)
B1-B	23/08/16	0.042	<0.000005	14.2	<0.00050	0.00011	0.00134	0.084	0.000346
B1-S	23/08/16	0.043	<0.000005	13.3	<0.00050	<0.00010	0.00189	<0.030	<0.000050
B1-5	23/08/16	0.043	<0.000005	13.3	<0.00050	<0.00010	0.00216	<0.030	0.000262
B2-B	23/08/16	0.044	<0.000005	13.3	<0.00050	<0.00010	0.0022	<0.030	0.000277
B2-S	23/08/16	0.044	<0.000005	13.4	<0.00050	<0.00010	0.00185	<0.030	<0.000050
B2-5	23/08/16	0.044	<0.000005	13.4	<0.00050	<0.00010	0.00257	<0.030	0.000502

		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)	Diss-Lead (Pb) (mg/L)
EDC-01	06/07/16	0.01	0.0000067	22.8	0.00069	<0.00010	0.00361	0.18	<0.000050
	02/08/16	0.017	0.0000128	37.7	0.00055	<0.00010	0.00595	0.132	<0.000050
	06/09/16	0.027	0.0000069	49.3	<0.00050	<0.00010	0.00441	<0.030	<0.000050

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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)	Diss-Silicon (Si) (mg/L)
B1-B	23/08/16	<0.0010	2.5	0.741	0.00119	<0.00050	0.523	0.000123	2.68
B1-S	23/08/16	<0.0010	2.42	0.00146	0.00103	<0.00050	0.451	0.000125	0.839
B1-5	23/08/16	<0.0010	2.46	0.00143	0.00102	<0.00050	0.455	0.000123	0.836
B2-B	23/08/16	<0.0010	2.49	0.00451	0.00103	<0.00050	0.481	0.000123	0.832
B2-S	23/08/16	<0.0010	2.43	0.00207	0.00102	<0.00050	0.454	0.000112	0.81
B2-5	23/08/16	<0.0010	2.49	0.00201	0.00102	<0.00050	0.463	0.000112	0.818

		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)	Diss-Silicon (Si) (mg/L)
EDC-01	06/07/16	<0.0010	6.25	0.00783	0.00082	0.00144	0.602	0.000185	4.27
	02/08/16	<0.0010	9.33	0.0191	0.00358	0.00143	1.19	0.00102	4.57
	06/09/16	<0.0010	15.1	0.0199	0.00508	0.00078	1.52	0.00138	4.56

Monitoring data report for: Bootjack Lake



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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
B1-B	23/08/16	<0.000010	2.35	0.136	<0.000010	<0.00010	<0.010	0.000026	<0.00050
B1-S	23/08/16	<0.000010	2.36	0.127	<0.000010	<0.00010	<0.010	0.00004	<0.00050
B1-5	23/08/16	<0.000010	2.4	0.126	<0.000010	<0.00010	<0.010	0.000038	<0.00050
B2-B	23/08/16	<0.000010	2.44	0.129	<0.000010	<0.00010	<0.010	0.000041	<0.00050
B2-S	23/08/16	<0.000010	2.37	0.128	<0.000010	<0.00010	<0.010	0.000042	<0.00050
B2-5	23/08/16	<0.000010	2.44	0.129	<0.000010	<0.00010	<0.010	0.000043	<0.00050

		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
EDC-01	06/07/16	<0.000010	3.32	0.144	<0.000010	<0.00010	<0.010	0.000097	0.00078
	02/08/16	<0.000010	7.22	0.255	<0.000010	<0.00010	<0.010	0.000189	0.00089
	06/09/16	<0.000010	12.6	0.377	<0.000010	<0.00010	<0.010	0.000413	0.00053

Monitoring data report for: Bootjack Lake



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		Diss-Zinc (Zn) (mg/L)
B1-B	23/08/16	<0.0030
B1-S	23/08/16	<0.0030
B1-5	23/08/16	<0.0030
B2-B	23/08/16	<0.0030
B2-S	23/08/16	<0.0030
B2-5	23/08/16	<0.0030

		Diss-Zinc (Zn) (mg/L)
EDC-01	06/07/16	<0.0030
	02/08/16	<0.0030
	06/09/16	<0.0030

Monitoring data report for: Effluent Water Quality Site



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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
E11	07/07/16	1190	504	7.9	948	3.3	1.54	49.5	0.129
	18/08/16	1210	535	7.9	909	12.5	1.12	53.5	0.121
	01/09/16	1180	525	7.91	948	3.1	2.06	52.3	0.156
E11a	05/07/16	1180	511	7.65	899	<1.0	1.19	47.1	0.147
	06/07/16	1190	521	7.8	893	<1.0	0.71	46.4	0.126
	13/07/16	1170	509	7.98	907	2	1.26	49.2	0.117
	18/07/16	1170	512	7.91	908	<1.0	0.5	49.4	0.123
	25/07/16	1200	511	7.81	900	<1.0	0.58	50.4	0.113
	02/08/16	1200	539	7.86	924	<1.0	0.52	49.6	0.113
	10/08/16	1220	527	7.89	906	<1.0	0.24	53.7	0.111
	17/08/16	1190	505	7.92	921	<1.0	0.26	52.7	0.114
	23/08/16	1210	501	7.91	952	<1.0	0.24	54.6	0.12
	30/08/16	1200	480	7.86	966	<1.0	0.28	52.6	0.141
	06/09/16	1190	496	7.85	922	<1.0	0.29	50.4	0.135
	13/09/16	1190	492	7.84	910	<1.0	0.28	51.3	0.11
	19/09/16	1170	500	7.77	929	<1.0	0.5	50.9	0.0955
	27/09/16	1150	509	7.86	919	1.1	0.39	50.2	0.0557
E19	06/07/16	1190	526	7.9	900	<1.0	0.66	47.9	0.132
	13/07/16	1180	503	8	891	<1.0	0.7	49.3	0.119
	18/07/16	1180	516	7.94	900	<1.0	0.48	50.4	0.119
	25/07/16	1210	507	7.83	925	<1.0	0.48	51.4	0.109
	02/08/16	1200	540	7.93	894	1.3	0.65	49.9	0.114
	10/08/16	1220	534	7.89	917	<1.0	0.26	53	0.113

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		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
E11	07/07/16	12	0.6	8.66	8.73	0.0746	0.001	0.0025	0.0148
	18/08/16	12.3	0.64	8.77	8.85	0.0783	<0.0010	<0.0020	0.0062
	01/09/16	12.8	0.65	9.08	9.16	0.0747	<0.0010	<0.0020	0.0069
E11a	05/07/16	12.3	0.66	8.65	8.73	0.0827	<0.0010	0.0024	0.0087
	06/07/16	12.6	0.66	8.87	8.96	0.0864	<0.0010	0.0031	0.0085
	13/07/16	12.3	0.66	8.77	8.86	0.0858	<0.0010	0.0033	0.0074
	18/07/16	12.2	0.65	8.77	8.85	0.0793	<0.0010	0.002	0.003
	25/07/16	12.1	0.64	8.63	8.71	0.0724	<0.0010	0.002	0.0057
	02/08/16	12.3	0.66	8.88	8.95	0.0704	<0.0010	<0.0020	0.0057
	10/08/16	12.5	0.67	8.85	8.91	0.0619	<0.0010	<0.0020	0.0022
	17/08/16	12.1	0.63	8.79	8.85	0.0667	<0.0010	<0.0020	<0.0020
	23/08/16	12.2	0.68	8.67	8.74	0.0667	<0.0010	<0.0020	0.0024
	30/08/16	12.9	0.67	9.13	9.2	0.0686	<0.0010	<0.0020	0.0037
	06/09/16	12.8	0.67	9.1	9.17	0.0705	<0.0010	0.002	0.0027
	13/09/16	12.8	0.7	9.01	9.1	0.0915	<0.0010	<0.0020	0.004
	19/09/16	12.9	0.65	9.28	9.38	0.0971	0.001	<0.0020	0.0046
	27/09/16	12.3	0.62	8.97	9.03	0.0604	0.0012	0.0037	0.0044
E19	06/07/16	12.3	0.64	8.85	8.95	0.0945	<0.0010	0.0042	0.0075
	13/07/16	12.3	0.66	8.75	8.83	0.0825	<0.0010	0.0034	0.0068
	18/07/16	12.5	0.66	8.97	9.06	0.086	<0.0010	0.0023	0.0034
	25/07/16	12.1	0.64	8.57	8.65	0.0737	<0.0010	0.0056	0.0046
	02/08/16	12.5	0.66	8.97	9.04	0.072	<0.0010	<0.0020	0.0039
	10/08/16	13.3	0.71	9.43	9.5	0.0647	<0.0010	<0.0020	0.0023

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		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
E11	07/07/16	539	8.97	2.27	0.214	0.00162	0.00103	0.0674	<0.00010
	18/08/16	548	9.38	2.5	0.115	0.00184	0.00102	0.0656	<0.00010
	01/09/16	561	8.9	2.46	0.142	0.00173	0.001	0.0675	<0.00010
E11a	05/07/16	541	9.11	2.29	0.0626	0.00178	0.0009	0.0643	<0.00010
	06/07/16	553	9.14	2.2	0.0426	0.0017	0.00084	0.0635	<0.00010
	13/07/16	550	8.88	2.5	0.0854	0.00154	0.00081	0.0598	<0.00010
	18/07/16	549	9.2	2.35	0.0415	0.0017	0.00088	0.0638	<0.00010
	25/07/16	537	8.9	2.77	0.079	0.00178	0.00092	0.0669	<0.00010
	02/08/16	554	8.89	2.33	0.0669	0.00176	0.00091	0.0652	<0.00010
	10/08/16	545	8.93	2.56	0.0337	0.00178	0.00089	0.0637	<0.00010
	17/08/16	543	9.03	2.01	0.0381	0.00177	0.00095	0.0636	<0.00010
	23/08/16	538	8.86	2.28	0.0325	0.00179	0.00093	0.0688	<0.00010
	30/08/16	565	8.68	2.2	0.0347	0.00179	0.00085	0.0641	<0.00010
	06/09/16	563	8.75	2.06	0.0321	0.00179	0.00092	0.067	<0.00010
	13/09/16	556	8.89	2.18	0.0339	0.0018	0.00086	0.0631	<0.00010
	19/09/16	572	8.86	1.96	0.0546	0.00175	0.00098	0.0677	<0.00010
	27/09/16	549	9.14	1.99	0.0387	0.00177	0.00098	0.0655	<0.00010
E19	06/07/16	552	8.72	2.12	0.047	0.00162	0.00093	0.0656	<0.00010
	13/07/16	548	8.86	2.37	0.0502	0.00151	0.00076	0.0584	<0.00010
	18/07/16	562	9.02	2.38	0.0407	0.00167	0.00088	0.0645	<0.00010
	25/07/16	535	8.97	2.64	0.0441	0.0018	0.00088	0.0636	<0.00010
	02/08/16	560	9.05	2.31	0.0687	0.00181	0.00096	0.0664	<0.00010
	10/08/16	582	9.05	2.55	0.0347	0.0017	0.00083	0.0605	<0.00010

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		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
E11	07/07/16	<0.000050	0.135	0.0000176	158	<0.00050	0.00022	0.0116	0.154
	18/08/16	0.000056	0.137	<0.000030	153	<0.00050	0.00012	0.00507	0.058
	01/09/16	<0.000050	0.161	<0.000020	155	<0.00050	0.00016	0.00915	0.09
E11a	05/07/16	<0.000050	0.148	0.0000067	151	<0.00050	0.0001	0.00352	0.034
	06/07/16	<0.000050	0.142	<0.000005	156	<0.00050	0.0001	0.00313	<0.030
	13/07/16	<0.000050	0.137	0.0000144	159	<0.00050	0.00013	0.00531	0.502
	18/07/16	<0.000050	0.144	<0.000015	157	<0.00050	<0.00010	0.0029	<0.030
	25/07/16	<0.000050	0.147	0.0000409	159	<0.00050	0.00011	0.00405	0.07
	02/08/16	<0.000050	0.139	<0.000015	160	<0.00050	0.00011	0.00442	0.04
	10/08/16	<0.000050	0.155	<0.000020	155	<0.00050	<0.00010	0.00264	<0.030
	17/08/16	<0.000050	0.148	<0.000020	152	<0.00050	<0.00010	0.00266	<0.030
	23/08/16	<0.000050	0.15	<0.000015	158	<0.00050	<0.00010	0.00272	<0.030
	30/08/16	<0.000050	0.148	0.0000092	151	<0.00050	<0.00010	0.00275	<0.030
	06/09/16	<0.000050	0.145	<0.000015	152	<0.00050	<0.00010	0.00303	<0.030
	13/09/16	<0.000050	0.149	0.0000114	153	<0.00050	<0.00010	0.00315	<0.030
	19/09/16	<0.000050	0.151	<0.000015	152	<0.00050	<0.00010	0.00389	<0.030
27/09/16	<0.000050	0.148	<0.000020	152	<0.00050	<0.00010	0.00384	<0.030	
E19	06/07/16	<0.000050	0.139	0.0000104	163	<0.00050	0.0001	0.00304	<0.030
	13/07/16	<0.000050	0.132	0.0000113	153	<0.00050	0.0001	0.00293	<0.030
	18/07/16	<0.000050	0.144	<0.000015	156	<0.00050	<0.00010	0.00289	<0.030
	25/07/16	<0.000050	0.141	0.0000095	157	<0.00050	<0.00010	0.00323	<0.030
	02/08/16	<0.000050	0.138	<0.000015	164	<0.00050	0.00011	0.00456	0.04
	10/08/16	<0.000050	0.146	0.0000111	159	<0.00050	<0.00010	0.00269	<0.030

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		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Mercury (Hg)-Total (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)
E11	07/07/16	0.000078	0.0158	31	0.0361		0.164	0.00073	16
	18/08/16	<0.000050	0.0167	29	0.0243		0.171	0.00078	17.8
	01/09/16	<0.000050	0.0163	28.6	0.0311		0.176	0.00099	18.2
E11a	05/07/16	0.000082	0.0174	30.3	0.0311		0.177	0.00067	17.6
	06/07/16	0.00007	0.0176	30.6	0.0279		0.161	0.00067	16.9
	13/07/16	0.000305	0.0164	29.9	0.0305		0.174	<0.00050	16.3
	18/07/16	<0.000050	0.017	30.5	0.0221		0.175	0.00061	17.3
	25/07/16	0.000082	0.0183	30.2	0.022		0.178	0.00063	17.5
	02/08/16	0.000064	0.0167	31.6	0.0208		0.171	0.0007	17
	10/08/16	<0.000050	0.0168	29.7	0.0165		0.173	0.00055	17.3
	17/08/16	<0.000050	0.0171	29.8	0.0155		0.167	0.00068	17.9
	23/08/16	<0.000050	0.0154	31.6	0.0174		0.181	0.00059	18.4
	30/08/16	<0.000050	0.0168	27	0.0199		0.178	0.00054	16.3
	06/09/16	<0.000050	0.0168	31	0.0257		0.176	0.0006	17.5
	13/09/16	<0.000050	0.0167	28.4	0.0266		0.176	0.00058	17.2
	19/09/16	<0.000050	0.0171	33.5	0.025		0.188	0.00066	17.7
27/09/16	<0.000050	0.0161	30.5	0.021		0.18	0.00102	16.1	
E19	06/07/16	<0.000050	0.0174	30.9	0.0285		0.179	0.00068	16.9
	13/07/16	<0.000050	0.0161	28.8	0.0256		0.163	<0.00050	16.1
	18/07/16	<0.000050	0.0167	30.5	0.0214		0.171	0.00058	17.3
	25/07/16	<0.000050	0.0171	30.1	0.0191		0.175	0.00062	16.8
	02/08/16	<0.000050	0.0162	32.4	0.0198		0.174	0.00088	17.5
	10/08/16	<0.000050	0.0177	30.8	0.015		0.172	0.00054	16.5

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		Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)	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)
E11	07/07/16	0.0346	4.17	<0.000010	58.4	2.39	<0.000010	<0.00010	0.019
	18/08/16	0.0369	4.07	<0.000010	60.7	2.53	<0.000010	<0.00010	<0.010
	01/09/16	0.0355	3.98	<0.000010	59.7	2.49	<0.000010	<0.00010	<0.010
E11a	05/07/16	0.035	3.77	<0.000010	59.2	2.6	<0.000010	<0.00010	0.017
	06/07/16	0.0361	3.65	<0.000010	59.3	2.41	<0.000010	<0.00010	<0.010
	13/07/16	0.0314	3.73	<0.000010	57.3	2.47	<0.000010	<0.00010	0.012
	18/07/16	0.0341	3.69	<0.000010	59.4	2.65	<0.000010	<0.00010	0.011
	25/07/16	0.0355	3.73	<0.000010	60.5	2.6	<0.000010	<0.00010	0.011
	02/08/16	0.0352	3.74	<0.000010	60.2	2.51	<0.000010	<0.00010	<0.010
	10/08/16	0.0354	3.62	<0.000010	58.9	2.58	<0.000010	<0.00010	<0.010
	17/08/16	0.0367	3.88	<0.000010	61.4	2.49	<0.000010	<0.00010	<0.010
	23/08/16	0.039	3.83	<0.000010	62.2	2.64	<0.000010	<0.00010	<0.010
	30/08/16	0.0349	3.72	<0.000010	58.1	2.54	<0.000010	<0.00010	<0.010
	06/09/16	0.0366	3.92	<0.000010	62.7	2.54	<0.000010	<0.00010	<0.010
	13/09/16	0.0374	3.88	<0.000010	61.2	2.53	<0.000010	<0.00010	<0.010
	19/09/16	0.0379	4	<0.000010	66.2	2.71	<0.000010	<0.00010	<0.010
27/09/16	0.0362	3.86	<0.000010	62.3	2.59	<0.000010	<0.00010	<0.010	
E19	06/07/16	0.0366	3.8	<0.000010	62.5	2.64	<0.000010	<0.00010	0.01
	13/07/16	0.0306	3.54	<0.000010	55.5	2.36	<0.000010	<0.00010	0.011
	18/07/16	0.0332	3.65	<0.000010	59	2.59	<0.000010	<0.00010	0.01
	25/07/16	0.0365	3.65	<0.000010	59.2	2.58	<0.000010	<0.00010	0.011
	02/08/16	0.0362	3.92	<0.000010	61	2.56	<0.000010	<0.00010	<0.010
	10/08/16	0.0356	3.71	<0.000010	63.6	2.61	<0.000010	<0.00010	<0.010

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		Uranium (U)-Total (mg/L)	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)
E11	07/07/16	0.00119	0.00188	<0.0030	0.0238	0.00168	0.00087	0.0637	<0.00010
	18/08/16	0.00122	0.00128	0.0033	0.0236	0.00176	0.00084	0.0648	<0.00010
	01/09/16	0.00121	0.0014	<0.0030	0.0257	0.00172	0.00088	0.0699	<0.00010
E11a	05/07/16	0.00118	0.00102	<0.0030	0.0252	0.00175	0.00081	0.064	<0.00010
	06/07/16	0.00116	0.00108	<0.0030	0.0256	0.00175	0.00085	0.0642	<0.00010
	13/07/16	0.00119	0.00124	<0.0030	0.0263	0.00146	0.00072	0.0576	<0.00010
	18/07/16	0.00117	0.00106	<0.0030	0.0254	0.00165	0.00082	0.0644	<0.00010
	25/07/16	0.00123	0.00118	<0.0030	0.0252	0.00175	0.00082	0.0642	<0.00010
	02/08/16	0.00122	0.00118	<0.0030	0.0263	0.00174	0.00086	0.0655	<0.00010
	10/08/16	0.00121	0.00095	<0.0030	0.0248	0.00176	0.00087	0.0678	<0.00010
	17/08/16	0.00122	0.00109	<0.0030	0.0272	0.0017	0.00093	0.0659	<0.00010
	23/08/16	0.00123	0.00107	<0.0030	0.0221	0.00174	0.00084	0.0686	<0.00010
	30/08/16	0.00125	0.00094	<0.0030	0.0238	0.00173	0.00083	0.0642	<0.00010
	06/09/16	0.00127	0.00108	<0.0030	0.028	0.00177	0.00089	0.0672	<0.00010
	13/09/16	0.00123	0.00104	<0.0030	0.0238	0.00179	0.00089	0.0651	<0.00010
	19/09/16	0.0012	0.00115	<0.0030	0.0241	0.00162	0.00091	0.0662	<0.00010
27/09/16	0.00125	0.00115	<0.0030	0.022	0.00174	0.00092	0.0684	<0.00010	
E19	06/07/16	0.0011	0.0011	<0.0030	0.028	0.00157	0.00086	0.0649	<0.00010
	13/07/16	0.00112	0.00098	<0.0030	0.0265	0.0015	0.00075	0.0582	<0.00010
	18/07/16	0.00117	0.00105	<0.0030	0.0252	0.00163	0.00083	0.0644	<0.00010
	25/07/16	0.00121	0.00105	<0.0030	0.0241	0.00175	0.00084	0.0633	<0.00010
	02/08/16	0.00123	0.00119	0.0167	0.0256	0.00176	0.00088	0.0659	<0.00010
	10/08/16	0.00128	0.00106	<0.0030	0.0248	0.00169	0.00081	0.0602	<0.00010

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		Diss-Bismuth (Bi) (mg/L)	Diss-Boron (B) (mg/L)	Diss-Cadmium (Cd) (mg/L)	Diss-Calcium (Ca) (mg/L)	Diss-Chromium (Cr) (mg/L)	Diss-Cobalt (Co) (mg/L)	Diss-Copper (Cu) (mg/L)	Diss-Iron (Fe) (mg/L)
E11	07/07/16	<0.000050	0.14	0.0000131	153	<0.00050	<0.00010	0.00243	<0.030
	18/08/16	<0.000050	0.167	0.0000125	164	<0.00050	<0.00010	0.00189	<0.030
	01/09/16	<0.000050	0.152	<0.000020	160	<0.00050	<0.00010	0.00272	<0.030
E11a	05/07/16	<0.000050	0.139	0.0000131	154	<0.00050	<0.00010	0.00158	<0.030
	06/07/16	<0.000050	0.138	<0.000005	158	<0.00050	<0.00010	0.00175	<0.030
	13/07/16	<0.000050	0.122	<0.000005	156	<0.00050	<0.00010	0.00187	<0.030
	18/07/16	<0.000050	0.134	<0.000015	155	<0.00050	<0.00010	0.00189	<0.030
	25/07/16	<0.000050	0.134	0.0000107	156	<0.00050	<0.00010	0.00203	<0.030
	02/08/16	<0.000050	0.132	<0.000020	163	<0.00050	<0.00010	0.0023	<0.030
	10/08/16	<0.000050	0.137	<0.000020	160	<0.00050	<0.00010	0.00219	<0.030
	17/08/16	<0.000050	0.143	<0.000020	153	<0.00050	<0.00010	0.00214	<0.030
	23/08/16	<0.000050	0.133	<0.000015	151	<0.00050	<0.00010	0.00219	<0.030
	30/08/16	<0.000050	0.139	0.0000099	148	<0.00050	<0.00010	0.00216	<0.030
	06/09/16	<0.000050	0.136	<0.000015	149	<0.00050	<0.00010	0.00239	<0.030
	13/09/16	<0.000050	0.14	0.0000152	150	<0.00050	<0.00010	0.00236	<0.030
	19/09/16	<0.000050	0.138	<0.000015	147	<0.00050	<0.00010	0.00245	<0.030
	27/09/16	<0.000050	0.141	<0.000020	154	<0.00050	<0.00010	0.00264	<0.030
E19	06/07/16	<0.000050	0.128	0.0000094	160	<0.00050	<0.00010	0.0017	<0.030
	13/07/16	<0.000050	0.123	0.0000105	154	<0.00050	<0.00010	0.00183	<0.030
	18/07/16	<0.000050	0.134	<0.000015	157	<0.00050	<0.00010	0.00215	<0.030
	25/07/16	<0.000050	0.133	0.0000153	155	<0.00050	<0.00010	0.00198	<0.030
	02/08/16	<0.000050	0.131	<0.000015	163	<0.00050	<0.00010	0.00217	<0.030
	10/08/16	<0.000050	0.133	0.000011	163	<0.00050	<0.00010	0.00202	<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)	Diss-Selenium (mg/L)
E11	07/07/16	<0.000050	0.0157	29.7	0.0122	0.167	0.00051	15.8	0.0337
	18/08/16	<0.000050	0.0177	30.3	0.0092	0.188	0.00053	17.2	0.0368
	01/09/16	<0.000050	0.017	30.2	0.0239	0.173	0.00078	19.6	0.0332
E11a	05/07/16	<0.000050	0.017	30.9	0.0217	0.169	0.00063	17.4	0.0358
	06/07/16	0.000061	0.0176	30.7	0.0165	0.165	0.00058	17.2	0.0365
	13/07/16	0.000109	0.0162	28.9	0.0171	0.157	<0.00050	16	0.0297
	18/07/16	<0.000050	0.0164	30.2	0.0143	0.167	0.00052	17.3	0.0326
	25/07/16	0.000073	0.017	29.7	0.0149	0.164	0.00059	16.6	0.0366
	02/08/16	0.000067	0.0167	32.2	0.0151	0.158	0.00066	17.4	0.036
	10/08/16	0.000059	0.0141	30.7	0.0126	0.172	0.00054	17.5	0.0388
	17/08/16	0.000092	0.0177	30	0.0116	0.162	0.00064	18.3	0.0376
	23/08/16	<0.000050	0.0141	30.1	0.0138	0.167	0.0005	17.8	0.0386
	30/08/16	<0.000050	0.0167	26.9	0.0175	0.166	<0.00050	16.4	0.0348
	06/09/16	<0.000050	0.0164	30.4	0.0206	0.164	0.00059	17.4	0.0369
	13/09/16	0.000053	0.016	28.6	0.0205	0.168	0.00053	17.4	0.0389
	19/09/16	<0.000050	0.0166	32.2	0.0189	0.182	0.00057	16.5	0.0374
	27/09/16	<0.000050	0.0158	30	0.0135	0.174	0.00069	16	0.0337
E19	06/07/16	<0.000050	0.0167	30.7	0.0164	0.171	0.00061	16.4	0.0347
	13/07/16	<0.000050	0.0165	28.7	0.0172	0.158	<0.00050	16.2	0.0314
	18/07/16	<0.000050	0.0161	30.2	0.0139	0.167	0.00051	17.1	0.0323
	25/07/16	<0.000050	0.0164	29.3	0.0135	0.167	0.00057	16.1	0.0365
	02/08/16	<0.000050	0.017	32.2	0.0138	0.157	0.00063	17.6	0.0351
	10/08/16	<0.000050	0.0169	30.8	0.0105	0.163	0.00057	15.9	0.0323

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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)	Diss-Uranium (U) (mg/L)
E11	07/07/16	3.63	<0.000010	57	2.45	<0.000010	<0.00010	<0.010	0.00122
	18/08/16	3.55	<0.000010	60.9	2.72	<0.000010	<0.00010	<0.010	0.00126
	01/09/16	3.64	<0.000010	62.9	2.61	<0.000010	<0.00010	<0.010	0.00124
E11a	05/07/16	3.69	<0.000010	58.9	2.54	<0.000010	<0.00010	0.015	0.00116
	06/07/16	3.67	<0.000010	58.3	2.47	<0.000010	<0.00010	<0.010	0.00117
	13/07/16	3.57	<0.000010	55.2	2.37	<0.000010	<0.00010	<0.010	0.00113
	18/07/16	3.62	<0.000010	59.1	2.55	<0.000010	<0.00010	<0.010	0.00112
	25/07/16	3.62	<0.000010	57.9	2.53	<0.000010	<0.00010	0.011	0.00117
	02/08/16	3.73	<0.000010	61	2.47	<0.000010	<0.00010	<0.010	0.00114
	10/08/16	3.62	<0.000010	60.2	2.57	<0.000010	<0.00010	<0.010	0.00117
	17/08/16	3.86	<0.000010	61.8	2.5	<0.000010	<0.00010	<0.010	0.00116
	23/08/16	3.58	<0.000010	59.3	2.53	<0.000010	<0.00010	<0.010	0.00116
	30/08/16	3.59	<0.000010	58.1	2.49	<0.000010	<0.00010	<0.010	0.00123
	06/09/16	3.81	<0.000010	61.7	2.48	<0.000010	<0.00010	<0.010	0.00121
	13/09/16	3.81	<0.000010	61.8	2.46	<0.000010	<0.00010	<0.010	0.00119
	19/09/16	4.01	<0.000010	64.4	2.64	<0.000010	<0.00010	<0.010	0.00114
	27/09/16	3.66	<0.000010	60.3	2.62	<0.000010	<0.00010	<0.010	0.00127
E19	06/07/16	3.68	<0.000010	58.6	2.51	<0.000010	<0.00010	<0.010	0.00106
	13/07/16	3.52	<0.000010	56.5	2.36	<0.000010	<0.00010	<0.010	0.0011
	18/07/16	3.67	<0.000010	57.9	2.52	<0.000010	<0.00010	<0.010	0.00113
	25/07/16	3.59	<0.000010	57	2.53	<0.000010	<0.00010	<0.010	0.00118
	02/08/16	3.72	<0.000020	60.7	2.47	<0.000010	<0.00010	<0.010	0.00116
	10/08/16	3.68	<0.000010	58.6	2.51	<0.000010	<0.00010	<0.010	0.00121

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		Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
E11	07/07/16	0.00094	<0.0030
	18/08/16	0.00092	<0.0030
	01/09/16	0.00099	<0.0030
E11a	05/07/16	0.00085	<0.0030
	06/07/16	0.00083	<0.0030
	13/07/16	0.00085	<0.0030
	18/07/16	0.00086	<0.0030
	25/07/16	0.00091	<0.0030
	02/08/16	0.00093	<0.0030
	10/08/16	0.00088	<0.0030
	17/08/16	0.00098	<0.0030
	23/08/16	0.00095	<0.0030
	30/08/16	0.00089	<0.0030
	06/09/16	0.00097	<0.0030
	13/09/16	0.00098	<0.0030
	19/09/16	0.00099	<0.0030
	27/09/16	0.00085	<0.0030
E19	06/07/16	0.0009	<0.0030
	13/07/16	0.00085	<0.0030
	18/07/16	0.00085	<0.0030
	25/07/16	0.00087	<0.0030
	02/08/16	0.00094	<0.0030
	10/08/16	0.00091	<0.0030

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
E19	17/08/16	1200	507	7.9	938	<1.0	0.24	55.1	0.113
	23/08/16	1200	503	7.91	968	<1.0	0.24	53.5	0.119
	30/08/16	1190	470	7.91	933	<1.0	0.29	52.8	0.142
	06/09/16	1180	495	7.93	933	<1.0	0.3	50.5	0.136
	13/09/16	1210	480	7.86	919	<1.0	0.3	52.7	0.11
	19/09/16	1140	485	7.72	917	<1.0	0.45	51.7	0.0976
	27/09/16	1130	501	7.88	919	<1.0	0.36	52.4	0.0572
HAD-3	06/07/16	1200	531	7.89	904	1.3	0.73	47.7	0.122
	13/07/16	1170	499	8.01	874	1.1	0.67	48.4	0.119
	18/07/16	1200	504	7.91	900	<1.0	0.51	51.4	0.117
	20/07/16	1200	513	7.85	902	<1.0	0.68	49.4	0.111
	25/07/16	1200	518	7.81	919	<1.0	0.46	51.2	0.11
	02/08/16	1190	528	7.53	899	1.1	0.88	51.7	0.115
	10/08/16	1200	529	7.88	948	1.5	0.29	50.0	0.112
	17/08/16	1200	513	7.85	895	<1.0	0.25	54.2	0.109
	23/08/16	1200	505	7.85	962	<1.0	0.27	52.2	0.117
	30/08/16	1200	482	7.9	956	<1.0	0.26	51.9	0.141
	06/09/16	1170	489	7.89	942	<1.0	0.29	51.3	0.136
	13/09/16	1180	484	7.85	931	<1.0	0.33	52.2	0.108
	19/09/16	1180	500	7.78	925	<1.0	0.63	50.9	0.0955
	22/09/16	1170	484	7.79	942	<1.0	0.43	51.7	0.0795
	27/09/16	1160	505	7.8	898	<1.0	0.44	50	0.0639
	29/09/16	1200	507	7.79	902	<1.0	0.48	70.4	0.0489

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		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
E19	17/08/16	12	0.62	8.7	8.77	0.0683	<0.0010	<0.0020	<0.0020
	23/08/16	12.2	0.68	8.66	8.73	0.0645	<0.0010	<0.0020	0.0027
	30/08/16	13	0.67	9.2	9.27	0.0682	<0.0010	<0.0020	0.0034
	06/09/16	12.5	0.65	8.86	8.93	0.0675	<0.0010	<0.0020	0.0042
	13/09/16	13.3	0.74	9.36	9.45	0.0902	<0.0010	<0.0020	0.005
	19/09/16	12.9	0.65	9.25	9.35	0.0986	<0.0010	<0.0020	0.0044
	27/09/16	12.3	0.61	8.95	9.01	0.0616	0.0013	0.0036	0.0043
HAD-3	06/07/16	11.5	0.6	8.15	8.23	0.0829	<0.0010	0.0025	0.01
	13/07/16	11.9	0.63	8.51	8.59	0.0797	<0.0010	0.0028	0.0056
	18/07/16	12.4	0.66	8.92	9	0.0842	<0.0010	0.0024	0.0044
	20/07/16	12.1	0.64	8.72	8.79	0.0734	<0.0010	<0.0020	0.0049
	25/07/16	12.1	0.64	8.6	8.68	0.0756	<0.0010	<0.0020	0.0049
	02/08/16	12.4	0.64	8.87	8.93	0.0628	<0.0010	<0.0020	0.0032
	10/08/16	12.8	0.67	9.04	9.10	0.0633	<0.0010	<0.0020	<0.0020
	17/08/16	12	0.62	8.73	8.8	0.0639	<0.0010	<0.0020	<0.0020
	23/08/16	12.4	0.7	8.78	8.85	0.064	<0.0010	<0.0020	<0.0020
	30/08/16	13	0.69	9.2	9.27	0.0673	<0.0010	<0.0020	0.0036
	06/09/16	13.4	0.69	9.51	9.58	0.0706	<0.0010	0.0029	0.0056
	13/09/16	12.7	0.7	8.99	9.08	0.0874	<0.0010	<0.0020	0.0025
	19/09/16	13	0.65	9.34	9.43	0.0953	<0.0010	<0.0020	0.0031
	22/09/16	12.5	0.64	9.1	9.18	0.0821	<0.0010	<0.0020	0.0037
	27/09/16	11.9	0.58	8.72	8.77	0.0583	0.0012	0.0036	0.0046
29/09/16	12.3	0.65	8.74	8.8	0.0608	<0.0010	0.0028	0.0051	

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
E19	17/08/16	538	9.04	1.94	0.0376	0.00177	0.00092	0.0641	<0.00010
	23/08/16	537	8.94	2.3	0.0296	0.00181	0.00097	0.0692	<0.00010
	30/08/16	568	8.85	2.1	0.0356	0.00178	0.00083	0.0627	<0.00010
	06/09/16	549	8.79	2.11	0.0336	0.0018	0.0009	0.0599	<0.00010
	13/09/16	575	9.2	2.03	0.0402	0.00178	0.00092	0.0667	<0.00010
	19/09/16	570	8.78	2.21	0.0438	0.00188	0.00094	0.0646	<0.00010
	27/09/16	549	8.91	1.92	0.035	0.00183	0.00104	0.0676	<0.00010
HAD-3	06/07/16	507	9.27	2.26	0.0476	0.00169	0.00085	0.0643	<0.00010
	13/07/16	533	9.19	2.37	0.0504	0.00153	0.00072	0.0589	<0.00010
	18/07/16	558	9.12	2.37	0.043	0.00169	0.0009	0.0648	<0.00010
	20/07/16	544	8.58	2.26	0.0602	0.00186	0.00092	0.0672	<0.00010
	25/07/16	536	9.02	2.64	0.0424	0.00177	0.00085	0.0645	<0.00010
	02/08/16	552	9.08	2.5	0.0699	0.00176	0.00096	0.0695	<0.00010
	10/08/16	558	8.96	2.34	0.0347	0.00176	0.00084	0.0660	<0.00010
	17/08/16	540	9.03	2.36	0.036	0.00167	0.00094	0.063	<0.00010
	23/08/16	544	8.93	2.34	0.034	0.00191	0.00098	0.0737	<0.00010
	30/08/16	568	8.68	2.19	0.0333	0.00188	0.00094	0.066	<0.00010
	06/09/16	589	8.82	2.18	0.0359	0.00174	0.00089	0.0646	<0.00010
	13/09/16	555	9.15	1.76	0.0447	0.00181	0.00089	0.0659	<0.00010
	19/09/16	575	8.96	2.05	0.0431	0.00178	0.00102	0.0668	<0.00010
	22/09/16	559	9.35	1.93	0.0416	0.00178	0.00098	0.0656	<0.00010
	27/09/16	533	8.77	1.93	0.0374	0.00168	0.00094	0.0663	<0.00010
29/09/16	540	9.13	1.97	0.0444	0.00173	0.00103	0.0675	<0.00010	

Printed Date: 19/10/2016

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
E19	17/08/16	<0.000050	0.154	<0.000020	155	<0.00050	<0.00010	0.00263	<0.030
	23/08/16	<0.000050	0.147	<0.000015	157	<0.00050	<0.00010	0.00274	<0.030
	30/08/16	<0.000050	0.146	0.0000054	148	<0.00050	<0.00010	0.00277	<0.030
	06/09/16	<0.000050	0.145	<0.000015	152	<0.00050	<0.00010	0.00284	<0.030
	13/09/16	<0.000050	0.152	0.0000066	155	<0.00050	0.0001	0.00355	<0.030
	19/09/16	<0.000050	0.13	<0.000020	151	<0.00050	<0.00010	0.00337	<0.030
	27/09/16	<0.000050	0.149	<0.000020	158	<0.00050	<0.00010	0.00349	<0.030
HAD-3	06/07/16	<0.000050	0.146	0.0000227	160	<0.00050	0.0001	0.00338	<0.030
	13/07/16	<0.000050	0.138	0.0000054	157	<0.00050	<0.00010	0.00308	<0.030
	18/07/16	<0.000050	0.146	<0.000015	156	<0.00050	<0.00010	0.00289	<0.030
	20/07/16	<0.000050	0.136	0.0000096	159	<0.00050	0.00012	0.00437	0.037
	25/07/16	<0.000050	0.142	0.0000107	155	<0.00050	<0.00010	0.00332	0.033
	02/08/16	<0.000050	0.142	<0.000015	158	<0.00050	0.00011	0.00446	0.041
	10/08/16	<0.000050	0.146	<0.000020	164	<0.00050	<0.00010	0.00262	<0.030
	17/08/16	<0.000050	0.141	<0.000020	151	<0.00050	<0.00010	0.0025	<0.030
	23/08/16	<0.000050	0.146	<0.000015	158	<0.00050	<0.00010	0.00283	<0.030
	30/08/16	<0.000050	0.151	0.0000124	146	<0.00050	<0.00010	0.00291	<0.030
	06/09/16	<0.000050	0.141	<0.000025	148	<0.00050	<0.00010	0.00294	<0.030
	13/09/16	<0.000050	0.152	0.00001	154	<0.00050	0.0001	0.00348	<0.030
	19/09/16	<0.000050	0.153	<0.000015	153	<0.00050	<0.00010	0.00338	<0.030
	22/09/16	<0.000050	0.147	<0.000020	157	<0.00050	<0.00010	0.00378	<0.030
	27/09/16	<0.000050	0.14	<0.000015	154	<0.00050	<0.00010	0.004	<0.030
29/09/16	<0.000050	0.138	0.0000177	155	<0.00050	<0.00010	0.00351	<0.030	

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Mercury (Hg)-Total (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)
E19	17/08/16	<0.000050	0.0182	30.3	0.0136		0.169	0.00073	18.3
	23/08/16	<0.000050	0.0147	31.4	0.0142		0.181	0.00061	18.3
	30/08/16	<0.000050	0.0166	26.8	0.0171		0.175	0.00053	16.9
	06/09/16	<0.000050	0.0167	28.8	0.0217		0.178	0.00061	16.3
	13/09/16	<0.000050	0.0169	30.1	0.0303		0.181	0.00058	18
	19/09/16	<0.000050	0.0165	28.9	0.0184		0.178	<0.000050	17.2
	27/09/16	<0.000050	0.017	30.9	0.018		0.189	0.00101	16.1
HAD-3	06/07/16	<0.000050	0.0177	31.3	0.0281	<0.000005	0.165	0.00085	17.6
	13/07/16	<0.000050	0.0165	29.4	0.0262	<0.000005	0.172	<0.000050	16.3
	18/07/16	<0.000050	0.0169	30.5	0.0214	<0.000005	0.175	0.00056	17.4
	20/07/16	<0.000050	0.0155	30.3	0.0226		0.178	0.00058	17
	25/07/16	<0.000050	0.0171	29.4	0.0188	<0.000005	0.175	0.00072	16.7
	02/08/16	<0.000050	0.0163	31	0.021	<0.000005	0.171	0.00066	18.1
	10/08/16	<0.000050	0.0174	30.8	0.0138	<0.000005	0.184	0.00099	17.0
	17/08/16	<0.000050	0.0167	29.8	0.013	<0.000005	0.167	0.00069	17.9
	23/08/16	<0.000050	0.0152	32.5	0.015	<0.000005	0.18	0.00063	19
	30/08/16	<0.000050	0.0173	26.7	0.0173	<0.000005	0.17	0.00057	17.1
	06/09/16	<0.000050	0.0161	29.5	0.0217	<0.000005	0.172	0.00059	17
	13/09/16	<0.000050	0.017	29.2	0.0283	<0.000005	0.181	0.00061	17.8
	19/09/16	<0.000050	0.0179	30.1	0.0191	<0.000005	0.175	0.00066	18.3
	22/09/16	<0.000050	0.0167	30.3	0.0178		0.18	0.00061	17.6
	27/09/16	0.000072	0.0162	30	0.0164	<0.000005	0.19	0.00089	17.1
29/09/16	<0.000050	0.0173	31.1	0.0171		0.187	0.00112	17.7	

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Total Selenium (mg/L)	Silicon (Si)-Total (mg/L)	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)
E19	17/08/16	0.0356	3.96	<0.000010	62.5	2.51	<0.000010	<0.00010	<0.010
	23/08/16	0.04	3.74	<0.000010	62	2.64	<0.000010	<0.00010	<0.010
	30/08/16	0.0358	3.71	<0.000010	62.2	2.52	<0.000010	<0.00010	<0.010
	06/09/16	0.0361	3.95	<0.000010	58.1	2.56	<0.000010	<0.00010	<0.010
	13/09/16	0.0393	4.08	<0.000010	64.6	2.56	<0.000010	<0.00010	<0.010
	19/09/16	0.0375	3.74	0.000088	55	2.59	0.000013	<0.00010	<0.010
	27/09/16	0.035	3.76	<0.000010	62.5	2.71	<0.000010	<0.00010	<0.010
HAD-3	06/07/16	0.0372	3.75	<0.000010	61.2	2.45	<0.000010	0.00026	<0.010
	13/07/16	0.0324	3.6	<0.000010	57.1	2.47	<0.000010	<0.00010	0.01
	18/07/16	0.0332	3.68	<0.000010	59.3	2.64	<0.000010	<0.00010	0.01
	20/07/16	0.0353	3.77	<0.000010	61.7	2.58	<0.000010	<0.00010	0.011
	25/07/16	0.0355	3.63	<0.000010	58.8	2.56	<0.000010	<0.00010	0.011
	02/08/16	0.036	3.77	<0.000010	64.4	2.57	<0.000010	<0.00010	<0.010
	10/08/16	0.0355	3.67	<0.000010	59.6	2.61	<0.000010	0.00037	0.012
	17/08/16	0.0349	3.75	<0.000010	61.3	2.45	<0.000010	<0.00010	<0.010
	23/08/16	0.0406	3.87	<0.000010	64.3	2.62	0.000012	<0.00010	<0.010
	30/08/16	0.0338	3.75	<0.000010	59.7	2.45	<0.000010	<0.00010	<0.010
	06/09/16	0.0355	3.85	<0.000010	59.5	2.49	<0.000010	<0.00010	<0.010
	13/09/16	0.0389	4.12	<0.000010	63.1	2.54	<0.000010	<0.00010	<0.010
	19/09/16	0.037	3.96	<0.000010	63	2.52	<0.000010	<0.00010	<0.010
	22/09/16	0.0349	3.9	<0.000010	58.9	2.64	<0.000010	<0.00010	<0.010
	27/09/16	0.0365	3.99	<0.000010	60.7	2.63	<0.000010	0.0002	<0.010
29/09/16	0.0378	4.09	<0.000010	60.8	2.64	<0.000010	<0.00010	<0.010	

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Uranium (U)-Total (mg/L)	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)
E19	17/08/16	0.00121	0.00109	<0.0030	0.0256	0.00173	0.00093	0.0662	<0.00010
	23/08/16	0.00122	0.00113	<0.0030	0.0233	0.00176	0.00089	0.0687	<0.00010
	30/08/16	0.00126	0.00103	<0.0030	0.024	0.00176	0.00083	0.0635	<0.00010
	06/09/16	0.00128	0.00099	<0.0030	0.0237	0.00175	0.00095	0.0669	<0.00010
	13/09/16	0.00124	0.00112	<0.0030	0.0222	0.00174	0.00081	0.0604	<0.00010
	19/09/16	0.00124	0.00108	<0.0030	0.0213	0.00183	0.0009	0.0647	<0.00010
	27/09/16	0.00134	0.00114	<0.0030	0.0219	0.00169	0.00087	0.0668	<0.00010
HAD-3	06/07/16	0.00117	0.00103	<0.0030	0.0259	0.00172	0.00081	0.0651	<0.00010
	13/07/16	0.00118	0.00101	<0.0030	0.0253	0.00151	0.00073	0.0594	<0.00010
	18/07/16	0.00118	0.00104	<0.0030	0.0258	0.00164	0.00082	0.0639	<0.00010
	20/07/16	0.0013	0.00108	<0.0030	0.0266	0.00178	0.00084	0.0644	<0.00010
	25/07/16	0.00121	0.00101	0.0035	0.0249	0.00176	0.00082	0.0639	<0.00010
	02/08/16	0.00117	0.0011	<0.0030	0.0246	0.00168	0.00082	0.0641	<0.00010
	10/08/16	0.00125	0.00097	<0.0030	0.0291	0.00174	0.00087	0.0645	<0.00010
	17/08/16	0.00119	0.00108	<0.0030	0.0267	0.00171	0.00094	0.0661	<0.00010
	23/08/16	0.00122	0.00117	<0.0030	0.0223	0.00173	0.00095	0.07	<0.00010
	30/08/16	0.00123	0.00106	0.0041	0.0262	0.00177	0.00087	0.0664	<0.00010
	06/09/16	0.00125	0.00102	<0.0030	0.0233	0.00172	0.00089	0.0636	<0.00010
	13/09/16	0.00124	0.00109	<0.0030	0.0228	0.00174	0.00083	0.0646	<0.00010
	19/09/16	0.00123	0.00128	<0.0030	0.0257	0.00164	0.00092	0.0642	<0.00010
	22/09/16	0.00125	0.00121	<0.0030	0.0207	0.00169	0.00078	0.063	<0.00010
	27/09/16	0.00115	0.00111	0.0056	0.0197	0.00166	0.00081	0.0624	<0.00010
29/09/16	0.00119	0.00132	<0.0030	0.0221	0.0016	0.00088	0.0659	<0.00010	

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Iron (Fe) (mg/L)
E19	17/08/16	<0.000050	0.141	<0.000020	153	<0.00050	<0.00010	0.00193	<0.030
	23/08/16	<0.000050	0.131	<0.000015	151	<0.00050	<0.00010	0.00217	<0.030
	30/08/16	<0.000050	0.137	0.0000092	145	<0.00050	<0.00010	0.00212	<0.030
	06/09/16	<0.000050	0.135	<0.000015	148	<0.00050	<0.00010	0.00224	<0.030
	13/09/16	<0.000050	0.14	0.0000075	148	<0.00050	<0.00010	0.0024	<0.030
	19/09/16	<0.000050	0.122	<0.000010	148	<0.00050	<0.00010	0.00215	<0.030
	27/09/16	<0.000050	0.135	<0.000020	152	<0.00050	<0.00010	0.00244	<0.030
HAD-3	06/07/16	<0.000050	0.137	0.0000081	161	<0.00050	<0.00010	0.00165	<0.030
	13/07/16	<0.000050	0.124	0.000009	153	<0.00050	<0.00010	0.00174	<0.030
	18/07/16	<0.000050	0.137	<0.000015	152	<0.00050	<0.00010	0.00183	<0.030
	20/07/16	<0.000050	0.132	0.000014	157	<0.00050	<0.00010	0.00199	<0.030
	25/07/16	<0.000050	0.133	0.0000139	158	<0.00050	<0.00010	0.00196	<0.030
	02/08/16	<0.000050	0.132	<0.000010	159	<0.00050	<0.00010	0.00203	<0.030
	10/08/16	<0.000050	0.138	<0.000030	163	<0.00050	<0.00010	0.00176	<0.030
	17/08/16	<0.000050	0.137	<0.000020	154	<0.00050	<0.00010	0.00193	<0.030
	23/08/16	<0.000050	0.136	<0.000015	151	<0.00050	<0.00010	0.00138	<0.030
	30/08/16	<0.000050	0.139	0.0000126	149	<0.00050	<0.00010	0.0017	<0.030
	06/09/16	<0.000050	0.134	<0.000025	148	<0.00050	<0.00010	0.0018	<0.030
	13/09/16	<0.000050	0.138	0.0000139	149	<0.00050	<0.00010	0.00216	<0.030
	19/09/16	<0.000050	0.138	<0.000015	147	<0.00050	<0.00010	0.00233	<0.030
	22/09/16	<0.000050	0.133	<0.000010	149	<0.00050	<0.00010	0.00216	<0.030
	27/09/16	<0.000050	0.151	0.0000133	145	<0.00050	<0.00010	0.00197	<0.030
29/09/16	<0.000050	0.129	0.0000177	152	<0.00050	<0.00010	0.00212	<0.030	

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Selenium (mg/L)
E19	17/08/16	<0.000050	0.0179	30.3	0.00886	0.161	0.00062	18.5	0.037
	23/08/16	<0.000050	0.0137	30.6	0.011	0.168	0.00052	17.8	0.0396
	30/08/16	<0.000050	0.0166	26.2	0.0142	0.168	<0.00050	16.6	0.0357
	06/09/16	<0.000050	0.016	30.5	0.0171	0.164	0.00057	17.4	0.0378
	13/09/16	<0.000050	0.016	26.8	0.015	0.167	<0.00050	16.1	0.0368
	19/09/16	<0.000050	0.016	27.9	0.0132	0.169	<0.00050	16.8	0.0373
	27/09/16	<0.000050	0.0159	29.7	0.0083	0.177	0.00063	15.6	0.0346
HAD-3	06/07/16	<0.000050	0.0175	31.1	0.0165	0.163	0.00063	17	0.0361
	13/07/16	<0.000050	0.0163	28.5	0.0173	0.16	<0.00050	15.5	0.032
	18/07/16	<0.000050	0.0163	30.1	0.0141	0.164	0.00055	17	0.0325
	20/07/16	<0.000050	0.0152	29.6	0.0145	0.167	0.00052	16.7	0.0334
	25/07/16	<0.000050	0.0167	29.8	0.0144	0.164	0.00063	16.6	0.0377
	02/08/16	<0.000050	0.0156	31.7	0.0145	0.16	0.0006	17.2	0.0361
	10/08/16	<0.000050	0.0170	29.7	0.00887	0.182	0.00060	16.6	0.0355
	17/08/16	<0.000050	0.0173	30.9	0.00909	0.162	0.0006	18.3	0.0373
	23/08/16	<0.000050	0.0151	31.1	<0.00010	0.171	0.00053	18.3	0.039
	30/08/16	<0.000050	0.0169	26.8	0.00428	0.169	<0.00050	16.6	0.0327
	06/09/16	<0.000050	0.0159	29.1	0.0093	0.17	0.00053	16.8	0.035
	13/09/16	<0.000050	0.0162	27.3	0.0153	0.169	0.00054	16.7	0.0375
	19/09/16	<0.000050	0.0169	32.3	0.0153	0.182	0.00059	17.3	0.0371
	22/09/16	<0.000050	0.0175	27.1	0.00807	0.175	<0.00050	16.3	0.033
	27/09/16	<0.000050	0.0148	28	0.00406	0.175	<0.00050	15.6	0.0311
29/09/16	<0.000050	0.0169	31.1	0.0106	0.181	0.00112	18	0.0346	

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Uranium (U) (mg/L)
E19	17/08/16	3.88	<0.000010	61.9	2.48	<0.000010	<0.00010	<0.010	0.00117
	23/08/16	3.6	<0.000010	60.3	2.55	<0.000010	<0.00010	<0.010	0.00116
	30/08/16	3.63	<0.000010	59.5	2.52	<0.000010	<0.00010	<0.010	0.00121
	06/09/16	3.89	<0.000010	61.4	2.46	<0.000010	<0.00010	<0.010	0.0012
	13/09/16	3.63	<0.000010	58.1	2.43	<0.000010	<0.00010	<0.010	0.00118
	19/09/16	3.53	<0.000010	53.6	2.54	<0.000010	<0.00010	<0.010	0.00119
	27/09/16	3.81	<0.000010	60.4	2.59	<0.000010	<0.00010	<0.010	0.00128
HAD-3	06/07/16	3.77	<0.000010	57.8	2.48	<0.000010	<0.00010	<0.010	0.00117
	13/07/16	3.5	<0.000010	53.9	2.37	<0.000010	<0.00010	<0.010	0.00113
	18/07/16	3.57	<0.000010	57.3	2.49	<0.000010	<0.00010	<0.010	0.00113
	20/07/16	3.64	<0.000010	59.7	2.53	<0.000010	<0.00010	<0.010	0.00126
	25/07/16	3.65	<0.000010	57.7	2.54	<0.000010	<0.00010	0.011	0.00117
	02/08/16	3.65	<0.000010	60.4	2.51	<0.000010	<0.00010	<0.010	0.00114
	10/08/16	3.59	<0.000010	58.0	2.62	<0.000010	<0.00010	0.012	0.00124
	17/08/16	3.84	<0.000010	63	2.5	<0.000010	<0.00010	<0.010	0.00117
	23/08/16	3.67	<0.000010	62.2	2.53	<0.000010	<0.00010	<0.010	0.00117
	30/08/16	3.67	<0.000010	58	2.5	<0.000010	<0.00010	<0.010	0.00122
	06/09/16	3.78	<0.000010	59.2	2.49	<0.000010	<0.00010	<0.010	0.00123
	13/09/16	3.78	<0.000010	59	2.44	<0.000010	<0.00010	<0.010	0.00116
	19/09/16	3.88	<0.000010	65.2	2.63	<0.000010	<0.00010	<0.010	0.00114
	22/09/16	3.53	<0.000010	53.8	2.55	<0.000010	<0.00010	<0.010	0.00122
	27/09/16	3.73	<0.000010	56.4	2.45	<0.000010	<0.00010	<0.010	0.00125
29/09/16	3.8	<0.000010	60.7	2.61	<0.000010	<0.00010	<0.010	0.00117	

Monitoring data report for: Effluent Water Quality Site



Mount Polley
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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
E19	17/08/16	0.00094	<0.0030
	23/08/16	0.00092	<0.0030
	30/08/16	0.00095	<0.0030
	06/09/16	0.00097	<0.0030
	13/09/16	0.00091	<0.0030
	19/09/16	0.0009	<0.0030
	27/09/16	0.00086	<0.0030
HAD-3	06/07/16	0.00084	<0.0030
	13/07/16	0.00084	<0.0030
	18/07/16	0.00081	<0.0030
	20/07/16	0.00091	<0.0030
	25/07/16	0.00086	0.0033
	02/08/16	0.00093	<0.0030
	10/08/16	0.00088	<0.0030
	17/08/16	0.00096	<0.0030
	23/08/16	0.00093	<0.0030
	30/08/16	0.00089	<0.0030
	06/09/16	0.00092	<0.0030
	13/09/16	0.00097	<0.0030
	19/09/16	0.001	<0.0030
	22/09/16	0.00081	<0.0030
	27/09/16	0.00072	<0.0030
29/09/16	0.00085	<0.0030	

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Monitoring data report for: Hazeltine Creek



Mount Polley
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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
HAC-05a	06/07/16	985	429	8.07	734	6.9	4.08	65.3	0.0813
	02/08/16	1120	501	8.06	849	1.8	0.81	58.7	0.0757
	06/09/16	1130	459	7.88	889	15.9	9.81	57.3	0.107
HAC-08	06/07/16	958	421	8.1	698	12	3.61	71.4	0.0326
	02/08/16	1010	437	8.09	744	7.3	1.58	70.5	0.0221
	06/09/16	1020	414	8.05	783	8.7	1.8	71	0.0479
HAC-10	06/07/16	275	133	8.16	193	1.2	0.98	94.1	<0.0050
	02/08/16	272	129	8.31	185	7	3.33	93.9	0.0123
	06/09/16	274	121	8.23	197	1.6	1.35	97.2	<0.0050
HAC-12	06/07/16	950	417	8.03	723	4.2	3.03	76.5	0.0342
	13/07/16	1010	436	7.98	761	20.6	14.8	80.6	0.0447
	18/07/16	940	404	8.09	680	5.4	4.92	79.8	0.02
	25/07/16	930	396	8.02	690	5	4.05	81	0.0135
	02/08/16	900	382	8.04	650	<1.0	0.98	79.2	0.0134
	10/08/16	928	399	8.07	690	3.3	2.03	81.3	0.0136
	17/08/16	958	401	8.03	658	2.8	1.95	81.8	0.0188
	23/08/16	914	381	8.08	710	2.6	1.44	82.8	0.0259
	30/08/16	948	376	8.06	687	1.1	0.82	79.1	0.0397
	06/09/16	886	364	7.92	676	3.1	1.36	78	0.0398
	13/09/16	1060	427	8.03	808	2.1	1.54	75.3	0.0381
	19/09/16	925	392	8.02	737	24.4	30.3	88.9	0.0328
27/09/16	914	405	8.1	687	4.2	2.7	85.7	0.0113	
HAC-13 - HAC	06/07/16	325	155	8.22	224	18.3	19.7	103	0.0054

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Monitoring data report for: Hazeltine Creek



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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
HAC-05a	06/07/16	9.2	0.5	6.43	6.5	0.0643	<0.0010	0.0044	0.0209
	02/08/16	11.4	0.61	8.1	8.16	0.0635	<0.0010	<0.0020	0.0069
	06/09/16	12.2	0.6	8.61	8.67	0.0626	<0.0010	0.0025	0.0311
HAC-08	06/07/16	9	0.48	6.21	6.27	0.0537	<0.0010	0.0041	0.0233
	02/08/16	9.7	0.5	6.77	6.81	0.0395	<0.0010	<0.0020	0.0107
	06/09/16	10.1	0.49	6.94	6.98	0.0378	<0.0010	<0.0020	0.0221
HAC-10	06/07/16	1.21	0.085	<0.0050	<0.0051	<0.0010	<0.0010	0.0052	0.0125
	02/08/16	1.23	0.089	<0.0050	<0.0051	<0.0010	<0.0010	0.0045	0.0204
	06/09/16	1.28	0.09	<0.0050	<0.0051	<0.0010	<0.0010	0.0052	0.01
HAC-12	06/07/16	8.6	0.46	5.9	5.95	0.0494	<0.0010	0.0039	0.0138
	13/07/16	9.6	0.48	6.58	6.62	0.042	0.0011	0.0043	0.0309
	18/07/16	8.5	0.47	5.83	5.87	0.0443	<0.0010	0.003	0.0125
	25/07/16	8.2	0.43	5.53	5.57	0.0334	<0.0010	0.0023	0.01
	02/08/16	8.3	0.44	5.67	5.7	0.0316	<0.0010	<0.0020	0.0066
	10/08/16	8.9	0.49	5.88	5.91	0.0254	<0.0010	<0.0020	0.0077
	17/08/16	8.4	0.42	5.84	5.87	0.0274	<0.0010	<0.0020	0.0042
	23/08/16	8.6	0.5	5.75	5.77	0.0249	<0.0010	0.0022	0.008
	30/08/16	9.4	0.5	6.32	6.35	0.0309	<0.0010	<0.0020	0.0058
	06/09/16	8.4	0.42	5.56	5.6	0.0301	<0.0010	0.0025	0.0089
	13/09/16	10.6	0.58	7.33	7.38	0.0488	<0.0010	<0.0020	0.0126
	19/09/16	8.8	0.46	6	6.05	0.0427	0.0011	<0.0020	0.042
27/09/16	8.8	0.44	6.09	6.12	0.0274	0.0014	0.0036	0.0075	
HAC-13 - HAC	06/07/16	1.41	0.087	0.0486	0.053	0.0044	<0.0010	0.006	0.0331

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		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
HAC-05a	06/07/16	417	6.82	3.12	0.326	0.00126	0.00102	0.0587	<0.00010
	02/08/16	510	7.99	2.61	0.0932	0.00168	0.00101	0.0663	<0.00010
	06/09/16	535	8.44	2.39	0.692	0.00152	0.0012	0.0798	<0.00010
HAC-08	06/07/16	407	6.67	3.38	0.322	0.00114	0.00116	0.0647	<0.00010
	02/08/16	437	6.88	2.98	0.176	0.00139	0.0012	0.0716	<0.00010
	06/09/16	440	6.79	2.99	0.263	0.00134	0.00105	0.0661	<0.00010
HAC-10	06/07/16	44.6	0.293	5.51	0.0345	0.00012	0.00091	0.0124	<0.00010
	02/08/16	45.3	0.346	6.08	0.252	0.00014	0.00124	0.0182	<0.00010
	06/09/16	46.6	0.302	5.96	0.044	0.00012	0.00087	0.0125	<0.00010
HAC-12	06/07/16	391	5.76	3.39	0.223	0.00114	0.00108	0.0614	<0.00010
	13/07/16	427	6.67	4.72	0.733	0.0013	0.00143	0.0785	<0.00010
	18/07/16	387	6.34	3.82	0.238	0.00114	0.00102	0.0601	<0.00010
	25/07/16	369	5.93	4.04	0.228	0.00117	0.00105	0.0608	<0.00010
	02/08/16	376	5.72	3.47	0.114	0.00125	0.0012	0.0652	<0.00010
	10/08/16	385	5.89	3.6	0.173	0.00116	0.0011	0.0623	<0.00010
	17/08/16	379	5.99	2.96	0.143	0.00121	0.00107	0.0621	<0.00010
	23/08/16	377	5.75	3.51	0.111	0.00118	0.001	0.064	<0.00010
	30/08/16	410	5.91	2.94	0.0839	0.00125	0.00106	0.0627	<0.00010
	06/09/16	366	5.75	3.34	0.105	0.00119	0.00093	0.0552	<0.00010
	13/09/16	465	7.34	2.64	0.136	0.00139	0.00097	0.065	<0.00010
	19/09/16	407	5.65	4.87	2.2	0.00126	0.00177	0.0919	<0.00010
27/09/16	401	6.09	3.37	0.0901	0.00124	0.00102	0.0605	<0.00010	
HAC-13 - HAC	06/07/16	59.6	0.384	6.3	0.877	0.00019	0.0012	0.0272	<0.00010

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		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
HAC-05a	06/07/16	<0.000050	0.118	0.0000131	137	<0.00050	0.00027	0.0125	0.305
	02/08/16	<0.000050	0.132	<0.000015	150	<0.00050	0.00012	0.00521	0.064
	06/09/16	<0.000050	0.14	<0.000020	139	0.00082	0.00055	0.0195	0.648
HAC-08	06/07/16	<0.000050	0.108	0.0000132	134	<0.00050	0.00026	0.0109	0.339
	02/08/16	<0.000050	0.117	0.0000114	136	<0.00050	0.00016	0.00742	0.168
	06/09/16	<0.000050	0.116	<0.000020	127	<0.00050	0.00023	0.00888	0.269
HAC-10	06/07/16	<0.000050	0.031	<0.000005	45.3	<0.00050	<0.00010	0.00454	0.04
	02/08/16	<0.000050	0.026	<0.000005	42.5	<0.00050	0.0002	0.0109	0.225
	06/09/16	<0.000050	0.027	<0.000005	38.9	<0.00050	<0.00010	0.00449	0.046
HAC-12	06/07/16	<0.000050	0.106	0.0000142	130	<0.00050	0.00021	0.00813	0.252
	13/07/16	<0.000050	0.111	0.0000281	130	0.00128	0.00059	0.0156	0.905
	18/07/16	<0.000050	0.104	<0.000015	124	<0.00050	0.00022	0.0071	0.3
	25/07/16	<0.000050	0.103	0.0000155	121	<0.00050	0.0002	0.00754	0.287
	02/08/16	<0.000050	0.106	0.0000136	119	<0.00050	0.00012	0.0064	0.104
	10/08/16	<0.000050	0.104	<0.000020	121	<0.00050	0.00017	0.00796	0.165
	17/08/16	<0.000050	0.115	<0.000030	122	<0.00050	0.00013	0.00612	0.132
	23/08/16	<0.000050	0.101	<0.000020	117	<0.00050	0.00013	0.00685	0.115
	30/08/16	<0.000050	0.115	0.0000109	118	<0.00050	<0.00010	0.0054	0.073
	06/09/16	<0.000050	0.099	<0.000015	111	<0.00050	0.00012	0.0062	0.106
	13/09/16	<0.000050	0.12	0.0000205	131	<0.00050	0.00013	0.00619	0.141
	19/09/16	<0.000050	0.107	0.0000323	121	0.00318	0.00104	0.0249	1.89
27/09/16	<0.000050	0.11	<0.000020	129	<0.00050	0.00014	0.00857	0.119	
HAC-13 - HAC	06/07/16	<0.000050	0.033	0.0000156	52	0.00108	0.00062	0.0345	0.927

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		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
HAC-05a	06/07/16	0.000113	0.0134	25.3	0.0546	0.135	0.00089	12.7	0.0266
	02/08/16	<0.000050	0.0157	30.1	0.0276	0.159	0.00064	16.3	0.0311
	06/09/16	0.000222	0.0155	26.9	0.0462	0.165	0.00178	14.3	0.0327
HAC-08	06/07/16	0.000124	0.0115	24.8	0.0397	0.12	0.0009	12	0.025
	02/08/16	0.000069	0.0128	26.5	0.0211	0.133	0.00071	13.9	0.0259
	06/09/16	0.000105	0.0136	25	0.0278	0.135	0.00082	13.1	0.0271
HAC-10	06/07/16	<0.000050	<0.0010	6.01	0.0305	0.00941	<0.00050	1.43	0.000646
	02/08/16	0.000393	<0.0010	6.01	0.0382	0.0103	0.00052	1.45	0.000714
	06/09/16	<0.000050	<0.0010	5.62	0.0161	0.0099	<0.00050	1.3	0.000689
HAC-12	06/07/16	0.000114	0.0123	24.1	0.0644	0.122	0.00075	11.1	0.0246
	13/07/16	0.000317	0.0124	25.6	0.0927	0.128	0.00225	12.5	0.0266
	18/07/16	0.000106	0.011	23.2	0.062	0.118	0.00082	10.9	0.0235
	25/07/16	0.000102	0.011	22.8	0.0596	0.118	0.00085	11.2	0.0228
	02/08/16	<0.000050	0.011	21.9	0.0502	0.113	0.00076	12	0.0214
	10/08/16	0.000059	0.0104	23	0.0487	0.118	0.00075	12.1	0.0234
	17/08/16	0.000053	0.0127	23.3	0.0487	0.118	0.00083	12.4	0.0244
	23/08/16	<0.000050	0.0092	23.7	0.0569	0.117	0.00066	12.1	0.0255
	30/08/16	<0.000050	0.0122	21.1	0.0434	0.118	<0.00050	11.9	0.0222
	06/09/16	0.000052	0.0109	21.8	0.0462	0.112	0.00061	10.9	0.0217
	13/09/16	0.000065	0.0117	24.2	0.0556	0.14	0.0006	13.3	0.0291
	19/09/16	0.000622	0.0136	23.8	0.102	0.122	0.00297	11.9	0.0244
27/09/16	0.000076	0.012	24.1	0.0863	0.132	0.00104	12.5	0.024	
HAC-13 - HAC	06/07/16	0.000334	0.0022	7.46	0.0744	0.0131	0.00126	1.73	0.000913

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Mount Polley
Mining Corporation
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		Silicon (Si)-Total (mg/L)	Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
HAC-05a	06/07/16	4.17	<0.000010	47.9	2.03	<0.000010	<0.00010	0.023	0.000949
	02/08/16	3.91	<0.000010	56.8	2.35	<0.000010	<0.00010	<0.010	0.00117
	06/09/16	5.19	0.000013	55.6	2.37	<0.000010	<0.00010	0.037	0.00109
HAC-08	06/07/16	4.14	<0.000010	44.7	1.84	<0.000010	<0.00010	0.024	0.000926
	02/08/16	3.85	<0.000010	50.2	2	<0.000010	<0.00010	0.01	0.00108
	06/09/16	4.31	<0.000010	48.4	2.01	0.000018	<0.00010	0.014	0.00111
HAC-10	06/07/16	2.17	<0.000010	9.65	0.298	<0.000010	<0.00010	<0.010	0.000219
	02/08/16	2.48	<0.000010	9.59	0.314	<0.000010	<0.00010	0.012	0.000279
	06/09/16	2.08	<0.000010	9.16	0.305	<0.000010	<0.00010	<0.010	0.000266
HAC-12	06/07/16	4.03	<0.000010	44.2	1.88	<0.000010	0.00011	0.018	0.000988
	13/07/16	5.44	0.000011	47	2	0.000015	<0.00010	0.042	0.00126
	18/07/16	4	<0.000010	42.1	1.84	<0.000010	<0.00010	0.02	0.00107
	25/07/16	3.74	<0.000010	41.7	1.82	<0.000010	<0.00010	0.019	0.00105
	02/08/16	3.53	<0.000010	43.2	1.75	<0.000010	<0.00010	0.013	0.001
	10/08/16	3.76	<0.000010	44.2	1.81	<0.000010	<0.00010	<0.010	0.00099
	17/08/16	4.02	<0.000010	44.5	1.8	<0.000010	<0.00010	<0.010	0.001
	23/08/16	3.62	<0.000010	44.1	1.81	<0.000010	<0.00010	<0.010	0.000998
	30/08/16	3.8	<0.000010	43.6	1.78	<0.000010	<0.00010	<0.010	0.00103
	06/09/16	3.69	<0.000010	41.2	1.71	0.000011	<0.00010	<0.010	0.001
	13/09/16	4.22	<0.000010	49.2	2.05	<0.000010	<0.00010	<0.010	0.00115
	19/09/16	8.31	0.000036	39.2	1.91	0.000024	<0.00010	0.1	0.00146
27/09/16	3.89	<0.000010	44.3	2.02	<0.000010	<0.00010	<0.010	0.00129	
HAC-13 - HAC	06/07/16	3.85	0.000014	11	0.393	<0.000010	<0.00010	0.038	0.00041

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		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)	Diss-Bismuth (Bi) (mg/L)
HAC-05a	06/07/16	0.00194	0.0041	0.0269	0.00118	0.00087	0.0544	<0.00010	<0.000050
	02/08/16	0.00131	<0.0030	0.0261	0.00165	0.00092	0.0674	<0.00010	<0.000050
	06/09/16	0.00282	0.0032	0.0212	0.00152	0.00086	0.0699	<0.00010	<0.000050
HAC-08	06/07/16	0.00198	<0.0030	0.0315	0.00112	0.00089	0.0595	<0.00010	<0.000050
	02/08/16	0.00169	<0.0030	0.028	0.00135	0.00101	0.0687	<0.00010	<0.000050
	06/09/16	0.00163	<0.0030	0.0171	0.00134	0.00089	0.0623	<0.00010	<0.000050
HAC-10	06/07/16	0.00112	<0.0030	0.0035	0.0001	0.00085	0.0116	<0.00010	<0.000050
	02/08/16	0.00191	0.0097	0.0072	0.00011	0.00103	0.0138	<0.00010	<0.000050
	06/09/16	0.00112	<0.0030	0.0044	0.0001	0.00088	0.0123	<0.00010	<0.000050
HAC-12	06/07/16	0.00155	<0.0030	0.0263	0.0011	0.00087	0.0596	<0.00010	<0.000050
	13/07/16	0.00283	0.0043	0.0216	0.00128	0.00093	0.0766	<0.00010	<0.000050
	18/07/16	0.0015	<0.0030	0.0248	0.00114	0.00084	0.0593	<0.00010	<0.000050
	25/07/16	0.00153	<0.0030	0.0225	0.00115	0.0009	0.0585	<0.00010	<0.000050
	02/08/16	0.00149	<0.0030	0.0241	0.0012	0.00101	0.0626	<0.00010	<0.000050
	10/08/16	0.00148	<0.0030	0.0207	0.00117	0.00081	0.0565	<0.00010	<0.000050
	17/08/16	0.00142	<0.0030	0.022	0.00122	0.00099	0.0626	<0.00010	<0.000050
	23/08/16	0.00139	<0.0030	0.0167	0.00116	0.00093	0.062	<0.00010	<0.000050
	30/08/16	0.00123	<0.0030	0.0189	0.00128	0.00096	0.0626	<0.00010	<0.000050
	06/09/16	0.00122	<0.0030	0.0128	0.00114	0.00089	0.0553	<0.00010	<0.000050
	13/09/16	0.00123	<0.0030	0.0169	0.00137	0.00086	0.0646	<0.00010	<0.000050
	19/09/16	0.00632	0.005	0.0152	0.00121	0.00091	0.0651	<0.00010	<0.000050
27/09/16	0.00122	<0.0030	0.0152	0.00116	0.00083	0.0594	<0.00010	<0.000050	
HAC-13 - HAC	06/07/16	0.00319	0.0102	0.0174	0.00013	0.00085	0.0168	<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)	Diss-Lead (Pb) (mg/L)
HAC-05a	06/07/16	0.105	0.000008	132	<0.00050	<0.00010	0.0036	<0.030	<0.000050
	02/08/16	0.123	<0.000015	151	<0.00050	<0.00010	0.00265	<0.030	<0.000050
	06/09/16	0.135	<0.000020	139	<0.00050	<0.00010	0.00243	<0.030	<0.000050
HAC-08	06/07/16	0.104	0.0000115	129	<0.00050	<0.00010	0.0039	<0.030	<0.000050
	02/08/16	0.111	0.0000077	133	<0.00050	<0.00010	0.00343	<0.030	<0.000050
	06/09/16	0.111	<0.000020	125	<0.00050	<0.00010	0.00307	<0.030	<0.000050
HAC-10	06/07/16	0.027	<0.000005	43.6	<0.00050	<0.00010	0.00328	<0.030	<0.000050
	02/08/16	0.025	<0.000005	42	<0.00050	<0.00010	0.00372	<0.030	<0.000050
	06/09/16	0.026	<0.000005	38.9	<0.00050	<0.00010	0.00309	<0.030	<0.000050
HAC-12	06/07/16	0.098	0.0000103	128	<0.00050	<0.00010	0.00411	<0.030	<0.000050
	13/07/16	0.111	0.0000165	132	<0.00050	0.00011	0.00565	<0.030	<0.000050
	18/07/16	0.1	<0.000015	124	<0.00050	<0.00010	0.00425	<0.030	<0.000050
	25/07/16	0.097	0.0000096	121	<0.00050	<0.00010	0.00421	<0.030	<0.000050
	02/08/16	0.099	0.0000121	117	<0.00050	<0.00010	0.00428	<0.030	<0.000050
	10/08/16	0.1	<0.000020	123	<0.00050	<0.00010	0.00426	<0.030	0.000065
	17/08/16	0.107	<0.000020	121	<0.00050	<0.00010	0.00348	<0.030	<0.000050
	23/08/16	0.093	<0.000015	115	<0.00050	<0.00010	0.00388	<0.030	<0.000050
	30/08/16	0.111	0.0000092	116	<0.00050	<0.00010	0.00345	<0.030	<0.000050
	06/09/16	0.095	<0.000015	111	<0.00050	<0.00010	0.00364	<0.030	<0.000050
	13/09/16	0.114	0.0000148	131	<0.00050	<0.00010	0.00306	<0.030	<0.000050
	19/09/16	0.09	0.0000183	119	<0.00050	<0.00010	0.00572	<0.030	<0.000050
27/09/16	0.106	<0.000020	123	<0.00050	<0.00010	0.0048	<0.030	<0.000050	
HAC-13 - HAC	06/07/16	0.026	0.0000067	50.8	<0.00050	<0.00010	0.00806	<0.030	<0.000050

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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)	Diss-Silicon (Si) (mg/L)
HAC-05a	06/07/16	0.0121	24.1	0.0294	0.127	<0.00050	12.6	0.0254	3.45
	02/08/16	0.0152	30.3	0.0169	0.145	0.00053	16.4	0.0317	3.67
	06/09/16	0.0151	27	0.0152	0.162	<0.00050	14.4	0.0327	3.73
HAC-08	06/07/16	0.0112	23.9	0.0152	0.119	<0.00050	11.7	0.0246	3.5
	02/08/16	0.0128	25.5	0.00561	0.123	<0.00050	13.6	0.0258	3.42
	06/09/16	0.0133	24.7	0.00676	0.127	<0.00050	13	0.0287	3.81
HAC-10	06/07/16	<0.0010	5.82	0.0199	0.0091	<0.00050	1.38	0.000654	2.02
	02/08/16	<0.0010	5.82	0.0192	0.00923	<0.00050	1.45	0.00063	1.95
	06/09/16	<0.0010	5.78	0.0128	0.00924	<0.00050	1.32	0.000709	2.01
HAC-12	06/07/16	0.0118	23.7	0.0507	0.119	<0.00050	11.3	0.0232	3.59
	13/07/16	0.012	25.7	0.0687	0.128	0.00076	12.7	0.0275	4.09
	18/07/16	0.0111	23.1	0.0502	0.112	<0.00050	10.9	0.0232	3.55
	25/07/16	0.0107	22.7	0.0466	0.11	<0.00050	11.1	0.0237	3.37
	02/08/16	0.0108	21.6	0.0427	0.104	0.00052	11.9	0.021	3.31
	10/08/16	0.0123	22.3	0.0369	0.116	<0.00050	10.8	0.022	3.42
	17/08/16	0.0124	23.8	0.0384	0.113	<0.00050	12.7	0.0249	3.71
	23/08/16	0.0088	22.9	0.0454	0.11	<0.00050	11.8	0.0252	3.33
	30/08/16	0.0122	20.9	0.0385	0.113	<0.00050	11.7	0.0229	3.63
	06/09/16	0.0109	21.4	0.0466	0.106	<0.00050	10.7	0.0232	3.56
	13/09/16	0.0112	24.1	0.0466	0.134	<0.00050	13.4	0.0291	3.71
	19/09/16	0.0114	22.8	0.0562	0.114	<0.00050	11.4	0.0244	3.73
27/09/16	0.0115	23.6	0.0643	0.126	0.0005	12.1	0.0231	3.65	
HAC-13 - HAC	06/07/16	<0.0010	6.94	0.0403	0.0126	<0.00050	1.66	0.000821	2.17

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		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
HAC-05a	06/07/16	<0.000010	46.7	1.92	<0.000010	<0.00010	<0.010	0.000869	0.00094
	02/08/16	<0.000010	57	2.29	<0.000010	<0.00010	<0.010	0.00111	0.00102
	06/09/16	<0.000010	55.9	2.36	<0.000010	<0.00010	<0.010	0.00106	0.0009
HAC-08	06/07/16	<0.000010	43.1	1.84	<0.000010	<0.00010	<0.010	0.000895	0.00096
	02/08/16	<0.000010	48.8	1.97	<0.000010	<0.00010	<0.010	0.000994	0.00105
	06/09/16	<0.000010	48	1.97	<0.000010	<0.00010	<0.010	0.00106	0.00091
HAC-10	06/07/16	<0.000010	9.47	0.292	<0.000010	<0.00010	<0.010	0.000214	0.00091
	02/08/16	<0.000010	9.87	0.304	<0.000010	<0.00010	<0.010	0.000252	0.00116
	06/09/16	<0.000010	9.41	0.302	<0.000010	<0.00010	<0.010	0.000252	0.00101
HAC-12	06/07/16	<0.000010	44.4	1.85	<0.000010	<0.00010	<0.010	0.000936	0.00087
	13/07/16	<0.000010	47.8	1.99	<0.000010	<0.00010	<0.010	0.00123	0.00085
	18/07/16	<0.000010	41.7	1.79	<0.000010	<0.00010	<0.010	0.00105	0.00087
	25/07/16	<0.000010	41.4	1.8	<0.000010	<0.00010	<0.010	0.00101	0.00088
	02/08/16	<0.000010	42.8	1.72	<0.000010	<0.00010	<0.010	0.000941	0.00103
	10/08/16	<0.000010	42.6	1.82	<0.000010	<0.00010	<0.010	0.00114	0.00096
	17/08/16	<0.000010	45.4	1.83	<0.000010	<0.00010	<0.010	0.000976	0.001
	23/08/16	<0.000010	42.7	1.77	<0.000010	<0.00010	<0.010	0.000935	0.00094
	30/08/16	<0.000010	43	1.76	<0.000010	<0.00010	<0.010	0.001	0.00089
	06/09/16	<0.000010	40.4	1.68	<0.000010	<0.00010	<0.010	0.000948	0.00085
	13/09/16	<0.000010	49.2	2.03	<0.000010	<0.00010	<0.010	0.00109	0.00083
	19/09/16	<0.000010	39	1.86	<0.000010	<0.00010	<0.010	0.00136	0.00087
27/09/16	<0.000010	43.2	1.93	<0.000010	<0.00010	<0.010	0.0012	0.00081	
HAC-13 - HAC	06/07/16	<0.000010	10.9	0.372	<0.000010	<0.00010	<0.010	0.000384	0.00097

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		Diss-Zinc (Zn) (mg/L)
HAC-05a	06/07/16	<0.0030
	02/08/16	<0.0030
	06/09/16	<0.0030
HAC-08	06/07/16	<0.0030
	02/08/16	<0.0030
	06/09/16	<0.0030
HAC-10	06/07/16	<0.0030
	02/08/16	0.0033
	06/09/16	<0.0030
HAC-12	06/07/16	<0.0030
	13/07/16	<0.0030
	18/07/16	<0.0030
	25/07/16	<0.0030
	02/08/16	<0.0030
	10/08/16	<0.0030
	17/08/16	<0.0030
	23/08/16	<0.0030
	30/08/16	<0.0030
	06/09/16	<0.0030
	13/09/16	<0.0030
	19/09/16	<0.0030
	27/09/16	<0.0030
HAC-13 - HAC	06/07/16	0.0032

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
HAC-13 - HAC U/S	13/07/16	473	219	8	365	769	1050	134	0.0449
	18/07/16	523	264	8.21	367	233	249	150	0.0432
	25/07/16	312	146	8.16	220	6.5	3.68	106	0.005
	02/08/16	385	183	8.24	281	1.6	1.48	119	0.0107
	10/08/16	361	170	8.29	245	7.9	6.08	119	0.0108
	17/08/16	450	248	7.98	369	1040	593	177	0.0209
	23/08/16	324	142	8.17	262	1310	830	122	0.019
	30/08/16	302	247	8.2	213	428	301	108	0.0101
	06/09/16	306	136	8.44	231	53.2	45.9	106	<0.0050
	13/09/16	420	182	8.22	329	448	453	126	0.0124
	19/09/16	663	307	8.13	506	14.3	28.8	148	0.0095
	27/09/16	350	175	8.23	262	4.3	4.32	118	<0.0050

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		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
HAC-13 - HAC U/S	13/07/16	2.16	0.153	0.122	0.127	0.0046	0.0023	0.0076	1.03
	18/07/16	2.58	0.161	0.248	0.255	0.0068	0.0012	0.0059	0.282
	25/07/16	1.39	0.1	0.0116	0.0116	<0.0010	0.001	0.0059	0.0196
	02/08/16	1.83	0.137	0.059	0.0643	0.0054	<0.0010	0.0033	0.0116
	10/08/16	1.72	0.132	0.113	0.115	0.0026	0.0018	0.0052	0.0223
	17/08/16	2.44	0.165	0.006	0.006	<0.0010	0.0151	0.0281	1.79
	23/08/16	1.47	0.131	0.134	0.136	0.0024	0.0034	0.007	1.67
	30/08/16	1.39	0.106	0.0418	0.0433	0.0015	0.003	0.0068	0.861
	06/09/16	1.47	0.105	0.0425	0.0458	0.0033	0.0012	0.0045	0.0867
	13/09/16	2.18	0.149	1.22	1.22	0.0055	0.0024	0.0049	0.629
	19/09/16	3.9	0.18	1.22	1.23	0.0054	0.0025	0.0062	0.0333
	27/09/16	1.59	0.103	0.0997	0.0997	<0.0010	0.0023	0.0074	0.0136

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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
HAC-13 - HAC U/S	13/07/16	113	0.466	9.4	32.8	0.0006	0.0155	0.498	0.00098
	18/07/16	127	0.897	9.26	9.74	0.00037	0.00531	0.209	0.0003
	25/07/16	55.6	0.331	8.13	0.262	0.00016	0.00099	0.0223	<0.00010
	02/08/16	78.7	0.383	6.99	0.0864	0.00023	0.00101	0.028	<0.00010
	10/08/16	75.7	0.397	6.63	0.438	0.0004	0.00123	0.0413	<0.00010
	17/08/16	75.5	0.659	13.1	28.3	0.00056	0.0146	0.522	0.0009
	23/08/16	60.1	0.666	6.26	32	0.00055	0.014	0.659	0.00101
	30/08/16	54.5	0.487	5.61	22.5	0.00041	0.00822	0.421	0.00055
	06/09/16	59.1	0.29	5.59	2.18	0.00027	0.00156	0.0913	<0.00010
	13/09/16	96.2	1.66	6.14	19.6	0.00061	0.00847	0.341	0.00057
	19/09/16	225	1.45	11.3	1.41	0.00044	0.00154	0.0857	<0.00010
	27/09/16	74.9	0.396	6.49	0.194	0.00022	0.00081	0.0336	<0.00010

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
HAC-13 - HAC U/S	13/07/16	0.00016	0.044	0.000319	91	0.0432	0.0238	0.958	37.5
	18/07/16	<0.000050	0.04	0.0000998	83.4	0.00908	0.00694	0.307	8.88
	25/07/16	<0.000050	0.029	<0.000005	47.8	<0.00050	0.00024	0.0172	0.265
	02/08/16	<0.000050	0.034	0.000006	59.3	<0.00050	0.0001	0.0178	0.086
	10/08/16	<0.000050	0.035	0.0000126	55.2	0.00052	0.00036	0.0289	0.39
	17/08/16	0.000105	0.042	0.000246	82.7	0.0384	0.0223	0.707	28.4
	23/08/16	<0.00010	0.038	0.000301	75.6	0.0835	0.0322	0.788	35
	30/08/16	0.000051	0.03	0.000147	54	0.0418	0.0195	0.41	21.3
	06/09/16	<0.000050	0.03	0.0000187	43	0.00524	0.00205	0.0524	2.22
	13/09/16	0.000091	0.042	0.000163	71.6	0.0305	0.0144	0.452	20.4
	19/09/16	<0.000050	0.051	0.0000483	105	0.00146	0.0011	0.0809	1.31
	27/09/16	<0.000050	0.032	0.0000143	52.7	<0.00050	0.00017	0.0199	0.21

Printed Date: 19/10/2016

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
HAC-13 - HAC U/S	13/07/16	0.0117	0.0285	30.3	1.02	0.0234	0.045	6.13	0.0022
	18/07/16	0.00323	0.0091	17.9	0.371	0.022	0.0143	3.96	0.00132
	25/07/16	0.000089	0.0011	6.81	0.0601	0.0136	0.00064	1.52	0.000831
	02/08/16	<0.000050	0.0013	9.31	0.0296	0.0186	<0.00050	2.05	0.00094
	10/08/16	0.000187	0.0016	8.73	0.0413	0.0183	0.00098	1.84	0.00136
	17/08/16	0.00927	0.0265	29.1	1.06	0.0172	0.0678	6.06	0.00158
	23/08/16	0.0102	0.028	43.9	1.51	0.0158	0.14	4.09	0.00201
	30/08/16	0.00588	0.0171	27.2	0.871	0.0111	0.0829	3.75	0.00116
	06/09/16	0.00047	0.0031	8.43	0.074	0.0119	0.0087	1.53	0.000904
	13/09/16	0.00763	0.0163	21.3	0.593	0.0235	0.0445	4.26	0.00218
	19/09/16	0.000499	0.0037	16.9	0.249	0.0579	0.00214	3.53	0.00282
	27/09/16	0.000115	0.0016	8.18	0.0274	0.0169	0.00109	1.78	0.000884

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Silicon (Si)-Total (mg/L)	Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
HAC-13 - HAC U/S	13/07/16	62.6	0.000381	17.1	0.783	0.000118	0.00062	1.25	0.0021
	18/07/16	24.7	0.00011	17.9	0.725	0.000026	0.00019	0.455	0.00137
	25/07/16	2.8	<0.000010	10.5	0.378	<0.000010	<0.00010	0.017	0.000398
	02/08/16	3.32	<0.000010	14	0.467	<0.000010	<0.00010	<0.010	0.000831
	10/08/16	4.01	<0.000010	12.9	0.445	<0.000010	<0.00010	0.025	0.000772
	17/08/16	56	0.000289	14.4	0.616	0.000063	0.00081	1.7	0.00145
	23/08/16	69	0.000224	11.2	0.57	0.000041	0.00062	1.68	0.00118
	30/08/16	47.6	0.000125	11.5	0.42	0.000035	0.00039	1.27	0.000803
	06/09/16	7.37	0.000016	10.3	0.346	<0.000010	<0.00010	0.127	0.000422
	13/09/16	42.6	0.00018	15.3	0.569	0.000059	0.00034	0.865	0.00134
	19/09/16	6.94	0.000028	24.8	0.937	0.000012	<0.00010	0.068	0.00212
	27/09/16	2.99	<0.000010	11.8	0.448	<0.000010	<0.00010	<0.010	0.000717

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Bismuth (Bi) (mg/L)
HAC-13 - HAC U/S	13/07/16	0.0915	0.131	0.0257	0.00025	0.00093	0.0428	<0.00020	<0.00010
	18/07/16	0.0251	0.0487	0.018	0.00023	0.00108	0.0431	<0.00010	<0.000050
	25/07/16	0.00171	0.008	0.0074	0.00013	0.00091	0.0172	<0.00010	<0.000050
	02/08/16	0.00157	0.0092	0.0078	0.00021	0.00095	0.0271	<0.00010	<0.000050
	10/08/16	0.00288	0.0033	0.0149	0.0003	0.001	0.033	<0.00010	<0.000050
	17/08/16	0.0856	0.0718	0.0311	0.00026	0.00202	0.0503	<0.00010	<0.000050
	23/08/16	0.0872	0.0811	0.0219	0.00029	0.001	0.0401	<0.00020	<0.00010
	30/08/16	0.0574	0.054	0.0259	0.00019	0.00087	0.0335	<0.00010	<0.000050
	06/09/16	0.00622	0.0065	0.0195	0.00017	0.0008	0.0324	<0.00010	<0.000050
	13/09/16	0.05	0.0548	0.0184	0.00033	0.00089	0.0434	<0.00010	<0.000050
	19/09/16	0.00461	0.0057	0.0125	0.00042	0.00086	0.0633	<0.00010	<0.000050
	27/09/16	0.00154	<0.0030	0.0133	0.00019	0.00071	0.0316	<0.00010	<0.000050

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Lead (Pb) (mg/L)
HAC-13 - HAC U/S	13/07/16	0.034	0.000011	69.8	<0.00050	<0.00020	0.0193	<0.030	<0.00010
	18/07/16	0.037	0.0000075	84.1	<0.00050	0.00016	0.019	0.035	<0.000050
	25/07/16	0.029	0.0000057	47.5	<0.00050	<0.00010	0.00791	<0.030	<0.000050
	02/08/16	0.032	0.0000052	58.3	<0.00050	<0.00010	0.0132	<0.030	<0.000050
	10/08/16	0.03	0.0000051	54.4	<0.00050	<0.00010	0.0133	<0.030	<0.000050
	17/08/16	0.034	0.0000264	79.5	<0.00050	0.00037	0.0268	0.108	0.000104
	23/08/16	0.029	<0.000010	44.4	<0.00050	<0.00020	0.0164	<0.030	<0.00010
	30/08/16	0.026	<0.000005	42.6	<0.00050	<0.00010	0.013	<0.030	<0.000050
	06/09/16	0.025	<0.000005	43.2	<0.00050	<0.00010	0.00968	<0.030	<0.000050
	13/09/16	0.034	0.0000114	58.1	<0.00050	<0.00010	0.0117	<0.030	<0.000050
	19/09/16	0.042	0.0000234	97.5	<0.00050	0.00022	0.0311	<0.030	<0.000050
	27/09/16	0.031	0.0000089	56	<0.00050	<0.00010	0.0147	<0.030	<0.000050

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Silicon (Si) (mg/L)
HAC-13 - HAC U/S	13/07/16	<0.0020	10.9	0.0368	0.0243	<0.0010	2.46	0.00132	3.37
	18/07/16	0.0023	13.2	0.124	0.0223	<0.00050	2.65	0.00116	3.85
	25/07/16	0.0012	6.63	0.0405	0.0126	<0.00050	1.49	0.000788	2.26
	02/08/16	0.0013	9.02	0.0228	0.0167	<0.00050	2.02	0.000901	3.09
	10/08/16	0.0011	8.17	0.0259	0.0176	<0.00050	1.77	0.00123	2.99
	17/08/16	0.0016	12.1	0.215	0.0228	0.00078	5.28	0.00104	4.89
	23/08/16	<0.0020	7.5	<0.00020	0.0152	<0.0010	1.77	0.00125	2.89
	30/08/16	<0.0010	6.67	0.00014	0.013	<0.00050	1.59	0.00103	2.55
	06/09/16	0.001	6.88	0.00019	0.013	<0.00050	1.53	0.000972	2.4
	13/09/16	<0.0010	9.08	0.0381	0.0231	<0.00050	1.94	0.00182	3.23
	19/09/16	0.0025	15.3	0.198	0.0552	0.00062	3	0.00301	3.79
	27/09/16	0.0013	8.55	0.019	0.0168	<0.00050	1.83	0.000886	2.56

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
HAC-13 - HAC U/S	13/07/16	<0.000020	16.2	0.622	<0.000020	<0.00020	<0.010	0.00131	0.0014
	18/07/16	<0.000010	18.7	0.707	<0.000010	<0.00010	<0.010	0.00122	0.00165
	25/07/16	<0.000010	10.8	0.382	<0.000010	<0.00010	<0.010	0.0004	0.00096
	02/08/16	<0.000010	14	0.454	<0.000010	<0.00010	<0.010	0.000751	0.00127
	10/08/16	<0.000010	12.4	0.431	<0.000010	<0.00010	<0.010	0.000706	0.00155
	17/08/16	<0.000010	18.5	0.665	<0.000010	<0.00010	<0.010	0.000933	0.00361
	23/08/16	<0.000020	11.4	0.355	<0.000020	<0.00020	<0.010	0.00054	0.0017
	30/08/16	<0.000010	10.4	0.336	<0.000010	<0.00010	<0.010	0.000401	0.00137
	06/09/16	<0.000010	10.9	0.349	<0.000010	<0.00010	<0.010	0.000405	0.0013
	13/09/16	<0.000010	14	0.449	<0.000010	<0.00010	<0.010	0.000902	0.00169
	19/09/16	<0.000010	21.3	0.922	<0.000010	<0.00010	<0.010	0.00206	0.00112
	27/09/16	<0.000010	12.3	0.466	<0.000010	<0.00010	<0.010	0.000734	0.00095

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Diss-Zinc (Zn) (mg/L)
HAC-13 - HAC U/S	13/07/16	<0.0030
	18/07/16	0.0067
	25/07/16	0.006
	02/08/16	0.0071
	10/08/16	<0.0030
	17/08/16	<0.0030
	23/08/16	<0.0030
	30/08/16	<0.0030
	06/09/16	<0.0030
	13/09/16	<0.0030
	19/09/16	<0.0030
	27/09/16	<0.0030

Printed Date: 19/10/2016

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
W1	07/07/16	115	53.8	7.91	94	3.4	2.25	53.7	0.0072
	04/08/16	121	61.8	7.68	98	2.3	2.36	58.1	0.0061
	08/09/16	393	163	7.84	347	10.4	14.2	73.7	0.0063
W4a	07/07/16	340	184	8.31	228	<1.0	0.78	140	<0.0050
	07/08/16	362	199	8.28	245	1.4	0.80	152	<0.0050
	15/09/16	364	196	8.38	262	1.1	0.79	168	<0.0050
	19/09/16					3.3	4.92		
W5	07/08/16	198	100	8.08	150	1.3	0.85	100	0.0066
	01/09/16	252	133	8.19	176	<1.0	0.41	140	<0.0050
	19/09/16					1.6	7.22		
W8	04/08/16	417	216	8.31	257	<1.0	0.51	210	<0.0050
	19/09/16					1.7	2.42		
W8z	04/08/16	93.5	47.9	6.95	118	1.4	1.07	47.6	0.0218
W10	04/07/16	156	82.8	8.08	134	<1.0	1.01	81.2	0.0079
	02/08/16	185	95.1	7.99	148	<1.0	0.48	96	0.0069
	06/09/16	321	163	8.07	228	<1.0	0.29	172	<0.0050
W12	04/08/16	214	114	7.82	166	<1.0	1.36	112	0.0106

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
W1	07/07/16	0.91	0.056	0.0132	0.0144	0.0012	0.0032	0.0071	0.0135
	04/08/16	0.99	0.060	0.0252	0.0252	<0.0010	0.0034	0.0077	0.0179
	08/09/16	73.9	0.051	0.0143	0.0143	<0.0010	0.0034	0.0084	0.0329
W4a	07/07/16	<0.50	0.075	0.0537	0.0537	<0.0010	0.0121	0.0119	0.0158
	07/08/16	0.57	0.076	0.0388	0.0388	<0.0010	0.0102	0.0116	0.0137
	15/09/16	0.52	0.082	0.0273	0.0273	<0.0010	0.0141	0.0136	0.0194
	19/09/16								
W5	07/08/16	<0.50	0.088	0.0243	0.0243	<0.0010	0.0070	0.0143	0.0165
	01/09/16	<0.50	0.103	0.0228	0.0228	<0.0010	0.0081	0.012	0.0153
	19/09/16								
W8	04/08/16	7.97	0.130	0.0392	0.0392	<0.0010	0.0171	0.0249	0.0224
	19/09/16								
W8z	04/08/16	<0.50	0.034	0.0070	0.0070	<0.0010	0.0030	0.0152	0.0135
W10	04/07/16	<0.50	0.057	0.0187	0.0187	<0.0010	0.0038	0.0118	0.0143
	02/08/16	<0.50	0.062	0.0172	0.0172	<0.0010	0.0035	0.0087	0.0105
	06/09/16	1.34	0.098	0.0086	0.0086	<0.0010	0.0019	0.0048	0.006
W12	04/08/16	<0.50	0.077	0.0070	0.0070	<0.0010	0.0029	0.0081	0.0148

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
W1	07/07/16	4.54	0.38	8.96	0.175	<0.00010	0.00048	0.0158	<0.00010
	04/08/16	3.84	0.327	8.55	0.126	<0.00010	0.00057	0.0160	<0.00010
	08/09/16	7.63	0.302	7.53	0.728	<0.00010	0.00076	0.0483	<0.00010
W4a	07/07/16	42.8	0.129	3.41	0.0641	<0.00010	0.00032	0.0204	<0.00010
	07/08/16	41.9	0.106	3.03	0.0402	<0.00010	0.00030	0.0209	<0.00010
	15/09/16	38.7	0.071	3.48	0.0547	<0.00010	0.00032	0.0223	<0.00010
	19/09/16								
W5	07/08/16	3.22	0.353	11.1	0.0430	<0.00010	0.00045	0.0196	<0.00010
	01/09/16	3.86	0.226	7.99	0.0245	<0.00010	0.0004	0.0208	<0.00010
	19/09/16								
W8	04/08/16	10.4	0.186	5.39	0.0206	<0.00010	0.00139	0.0110	<0.00010
	19/09/16								
W8z	04/08/16	<0.30	0.725	23.6	0.234	0.00011	0.00051	0.0116	<0.00010
W10	04/07/16	1.71	0.641	19.2	0.0657	<0.00010	0.00111	0.0137	<0.00010
	02/08/16	2.56	0.57	18.2	0.0368	<0.00010	0.00136	0.0144	<0.00010
	06/09/16	9.71	0.241	7.76	0.0132	<0.00010	0.00227	0.0279	<0.00010
W12	04/08/16	4.24	0.456	13.7	0.0331	<0.00010	0.00055	0.0130	<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-Jul-2016 to: 30-Sep-2016

		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
W1	07/07/16	<0.000050	0.053	<0.000005	16.4	<0.00050	0.00011	0.00506	0.284
	04/08/16	<0.000050	0.057	<0.000005	18.0	<0.00050	<0.00010	0.00520	0.294
	08/09/16	<0.000050	0.11	0.0000071	52.1	0.00073	0.00044	0.0243	0.888
W4a	07/07/16	<0.000050	0.035	0.0000073	64.7	<0.00050	<0.00010	0.0064	0.077
	07/08/16	<0.000050	0.037	0.0000055	67.7	<0.00050	<0.00010	0.00514	0.057
	15/09/16	<0.000050	0.041	<0.000005	67.8	<0.00050	<0.00010	0.00562	0.055
	19/09/16								
W5	07/08/16	<0.000050	0.033	<0.000005	28.2	<0.00050	<0.00010	0.00568	0.114
	01/09/16	<0.000050	0.051	<0.000005	35.2	<0.00050	<0.00010	<0.0035	0.044
	19/09/16								
W8	04/08/16	<0.000050	0.026	<0.000005	46.1	0.00054	<0.00010	0.00059	0.055
	19/09/16								
W8z	04/08/16	<0.000050	<0.010	0.0000285	12.5	0.00144	0.00170	0.00363	0.275
W10	04/07/16	<0.000050	0.011	0.0000095	22.4	0.00078	<0.00010	0.00315	0.23
	02/08/16	<0.000050	0.011	0.0000071	24.9	0.00068	<0.00010	0.00266	0.201
	06/09/16	<0.000050	0.024	<0.000005	40.7	<0.00050	<0.00010	0.00127	0.044
W12	04/08/16	<0.000050	0.101	<0.000005	34.2	<0.00050	<0.00010	0.00431	0.327

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
W1	07/07/16	<0.000050	<0.0010	3.24	0.0304	0.000748	<0.00050	0.449	0.000108
	04/08/16	<0.000050	<0.0010	3.61	0.0347	0.000889	<0.00050	0.533	0.000120
	08/09/16	0.000267	0.0015	9.41	0.0778	0.00108	0.00072	2.04	0.000098
W4a	07/07/16	<0.000050	<0.0010	6.88	0.0103	0.00636	<0.00050	0.582	0.00127
	07/08/16	0.000056	<0.0010	7.38	0.00623	0.00631	0.00083	0.554	0.00104
	15/09/16	<0.000050	<0.0010	7.69	0.00912	0.00722	<0.00050	0.629	0.00084
	19/09/16								
W5	07/08/16	<0.000050	<0.0010	6.55	0.0327	0.00280	0.00101	0.911	0.000168
	01/09/16	<0.000050	<0.0010	8.4	0.0351	0.00293	0.00119	1.18	0.000127
	19/09/16								
W8	04/08/16	<0.000050	0.0014	22.3	0.0267	0.00431	<0.00050	0.974	0.000462
	19/09/16								
W8z	04/08/16	0.000066	<0.0010	3.75	0.163	0.000084	0.00232	0.669	0.000109
W10	04/07/16	<0.000050	<0.0010	6.54	0.00754	0.000721	0.00163	0.629	0.000155
	02/08/16	<0.000050	<0.0010	7.92	0.00617	0.000865	0.00156	0.708	0.000148
	06/09/16	<0.000050	0.001	14.9	0.00569	0.00201	0.0013	1.29	0.000106
W12	04/08/16	<0.000050	<0.0010	5.87	0.223	0.000664	<0.00050	0.179	0.000084

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Silicon (Si)-Total (mg/L)	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)
W1	07/07/16	2.94	<0.000010	2.81	0.131	<0.000010	<0.00010	<0.010	0.000047
	04/08/16	2.84	<0.000010	2.96	0.130	<0.000010	<0.00010	<0.010	0.000058
	08/09/16	5.63	<0.000010	7.37	0.544	<0.000010	<0.00010	0.029	0.000092
W4a	07/07/16	7.06	<0.000010	3.2	0.255	<0.000010	<0.00010	<0.010	0.000246
	07/08/16	7.43	<0.000010	3.30	0.279	<0.000010	<0.00010	<0.010	0.000283
	15/09/16	7.13	<0.000010	3.73	0.302	<0.000010	<0.00010	<0.010	0.000311
	19/09/16								
W5	07/08/16	6.71	<0.000010	5.29	0.248	<0.000010	<0.00010	<0.010	0.000190
	01/09/16	6.83	<0.000010	7.08	0.293	<0.000010	<0.00010	<0.010	0.00032
	19/09/16								
W8	04/08/16	8.64	<0.000010	9.30	0.413	<0.000010	<0.00010	<0.010	0.000893
	19/09/16								
W8z	04/08/16	5.49	0.000041	3.37	0.158	0.000014	<0.00010	<0.010	0.000086
W10	04/07/16	4.45	<0.000010	3.6	0.148	<0.000010	<0.00010	<0.010	0.000095
	02/08/16	4.67	<0.000010	4.52	0.17	<0.000010	<0.00010	<0.010	0.000123
	06/09/16	4.81	<0.000010	9.74	0.318	<0.000010	<0.00010	<0.010	0.000309
W12	04/08/16	6.68	<0.000010	5.10	0.167	<0.000010	<0.00010	<0.010	0.000044

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
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This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Bismuth (Bi) (mg/L)
W1	07/07/16	0.00121	<0.0030	0.0262	<0.00010	0.0004	0.0137	<0.00010	<0.000050
	04/08/16	0.00128	<0.0030	0.0262	<0.00010	0.00051	0.0153	<0.00010	<0.000050
	08/09/16	0.00243	0.0034	0.0201	<0.00010	0.00036	0.039	<0.00010	<0.000050
W4a	07/07/16	0.00116	0.0121	0.0063	<0.00010	0.00025	0.0195	<0.00010	<0.000050
	07/08/16	0.00076	0.0110	0.0041	<0.00010	0.00026	0.0199	<0.00010	<0.000050
	15/09/16	0.00084	0.0115	0.0036	<0.00010	0.00027	0.0208	<0.00010	<0.000050
	19/09/16								
W5	07/08/16	0.00054	0.0160	0.0293	<0.00010	0.00043	0.0193	<0.00010	<0.000050
	01/09/16	<0.00050	0.0089	0.0158	<0.00010	0.00038	0.0227	<0.00010	<0.000050
	19/09/16								
W8	04/08/16	0.00073	<0.0030	0.0169	<0.00010	0.00169	0.0130	<0.00010	<0.000050
	19/09/16								
W8z	04/08/16	0.00151	0.0091	0.237	<0.00010	0.00054	0.0126	<0.00010	<0.000050
W10	04/07/16	0.00088	<0.0030	0.043	<0.00010	0.00105	0.0132	<0.00010	<0.000050
	02/08/16	0.00094	<0.0030	0.0278	<0.00010	0.00131	0.0146	<0.00010	<0.000050
	06/09/16	0.00057	<0.0030	0.0062	<0.00010	0.00214	0.0275	<0.00010	<0.000050
W12	04/08/16	0.00063	<0.0030	0.0122	<0.00010	0.00053	0.0134	<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-Jul-2016 to: 30-Sep-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)	Diss-Lead (Pb) (mg/L)
W1	07/07/16	0.047	<0.000005	16.3	<0.00050	<0.00010	0.0034	0.088	<0.000050
	04/08/16	0.058	<0.000005	18.7	<0.00050	<0.00010	0.00312	0.134	<0.000050
	08/09/16	0.106	<0.000005	50.9	<0.00050	<0.00010	0.00577	0.084	<0.000050
W4a	07/07/16	0.035	0.0000064	62.7	<0.00050	<0.00010	0.00469	<0.030	<0.000050
	07/08/16	0.034	<0.000005	67.5	<0.00050	<0.00010	0.00378	<0.030	<0.000050
	15/09/16	0.036	<0.000005	66.5	<0.00050	<0.00010	0.00366	<0.030	<0.000050
	19/09/16								
W5	07/08/16	0.030	<0.000005	28.8	<0.00050	<0.00010	0.00506	0.094	<0.000050
	01/09/16	0.044	<0.000005	37.8	<0.00050	<0.00010	0.00306	<0.030	<0.000050
	19/09/16								
W8	04/08/16	0.025	<0.000005	48.7	0.00055	<0.00010	<0.00050	<0.030	<0.000050
	19/09/16								
W8z	04/08/16	<0.010	0.0000090	12.9	0.00140	<0.00010	0.00350	0.203	<0.000050
W10	04/07/16	0.01	0.0000096	22.4	0.00067	<0.00010	0.00279	0.187	<0.000050
	02/08/16	0.012	0.0000089	25	0.00057	<0.00010	0.00232	0.18	<0.000050
	06/09/16	0.023	<0.000005	40.4	<0.00050	<0.00010	0.00112	<0.030	<0.000050
W12	04/08/16	0.101	<0.000005	35.8	<0.00050	<0.00010	0.00345	0.164	<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-Jul-2016 to: 30-Sep-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)	Diss-Silicon (Si) (mg/L)
W1	07/07/16	<0.0010	3.18	0.00208	0.000718	<0.00050	0.424	0.000086	2.65
	04/08/16	<0.0010	3.66	0.0139	0.000938	<0.00050	0.554	0.000098	2.65
	08/09/16	<0.0010	8.79	0.00863	0.00102	<0.00050	1.85	0.000071	4.26
W4a	07/07/16	<0.0010	6.57	0.00514	0.00633	<0.00050	0.564	0.00132	6.72
	07/08/16	<0.0010	7.37	0.00168	0.00576	<0.00050	0.524	0.00109	7.44
	15/09/16	<0.0010	7.2	0.00425	0.00681	<0.00050	0.591	0.000773	6.55
	19/09/16								
W5	07/08/16	<0.0010	6.80	0.0275	0.00206	0.00074	0.903	0.000163	6.92
	01/09/16	<0.0010	9.26	0.0302	0.00272	0.00066	1.32	0.000138	6.89
	19/09/16								
W8	04/08/16	0.0016	23.0	0.0195	0.00420	<0.00050	1.10	0.000457	8.68
	19/09/16								
W8z	04/08/16	<0.0010	3.80	0.00544	0.000067	0.00245	0.762	0.000123	5.50
W10	04/07/16	<0.0010	6.54	0.00466	0.000686	0.00151	0.626	0.000152	4.41
	02/08/16	<0.0010	7.92	0.00478	0.000835	0.00145	0.731	0.000136	4.64
	06/09/16	0.001	15.1	0.00312	0.00195	0.00083	1.31	0.000108	4.98
W12	04/08/16	<0.0010	5.93	0.150	0.000658	<0.00050	0.217	0.000076	6.62

Printed Date: 19/10/2016

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
W1	07/07/16	<0.000010	2.81	0.127	<0.000010	<0.00010	<0.010	0.000041	0.00067
	04/08/16	<0.000010	3.15	0.136	<0.000010	<0.00010	<0.010	0.000053	0.00090
	08/09/16	<0.000010	7.03	0.527	<0.000010	<0.00010	<0.010	0.000081	<0.00050
W4a	07/07/16	<0.000010	3.16	0.253	<0.000010	<0.00010	<0.010	0.000243	0.00066
	07/08/16	<0.000010	3.27	0.275	<0.000010	<0.00010	<0.010	0.000271	0.00055
	15/09/16	<0.000010	3.45	0.293	<0.000010	<0.00010	<0.010	0.0003	0.00061
	19/09/16								
W5	07/08/16	<0.000010	5.28	0.243	<0.000010	<0.00010	<0.010	0.000179	<0.00050
	01/09/16	<0.000010	7.86	0.318	<0.000010	<0.00010	<0.010	0.000339	<0.00050
	19/09/16								
W8	04/08/16	<0.000010	10.9	0.451	<0.000010	<0.00010	<0.010	0.000966	0.00071
	19/09/16								
W8z	04/08/16	0.000029	3.81	0.172	<0.000010	<0.00010	<0.010	0.000085	0.00143
W10	04/07/16	<0.000010	3.45	0.144	<0.000010	<0.00010	<0.010	0.000093	0.00077
	02/08/16	<0.000010	4.37	0.171	<0.000010	<0.00010	<0.010	0.000116	0.00077
	06/09/16	<0.000010	9.73	0.31	<0.000010	<0.00010	<0.010	0.00031	<0.00050
W12	04/08/16	<0.000010	5.48	0.180	<0.000010	<0.00010	<0.010	0.000045	<0.00050

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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-Jul-2016 to: 30-Sep-2016

		Diss-Zinc (Zn) (mg/L)
W1	07/07/16	<0.0030
	04/08/16	<0.0030
	08/09/16	<0.0030
W4a	07/07/16	0.009
	07/08/16	0.0091
	15/09/16	0.0094
	19/09/16	
W5	07/08/16	0.0161
	01/09/16	0.0082
	19/09/16	
W8	04/08/16	<0.0030
	19/09/16	
W8z	04/08/16	<0.0030
W10	04/07/16	<0.0030
	02/08/16	<0.0030
	06/09/16	<0.0030
W12	04/08/16	<0.0030

Printed Date: 19/10/2016

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
P1-S	04/07/16	274	126	8.3	181	<1.0	0.48	94.5	<0.0050
	23/08/16	275	126	8.25	197	<1.0	0.39	97.7	<0.0050
	07/09/16	268	118	8.23	164	1	0.38	99.4	<0.0050
P1-10	04/07/16	279	128	8.08	176	<1.0	0.61	96.5	<0.0050
	23/08/16	275	127	7.99	190	<1.0	0.51	98.8	<0.0050
	07/09/16	272	119	8.17	184	1.2	0.47	99.7	<0.0050
P1-5	04/07/16	276	128	8.29	177	1.4	0.78	95.6	<0.0050
	23/08/16	269	125	8.26	181	<1.0	0.45	98.7	<0.0050
	07/09/16	270	118	8.17	189	10	0.49	97.3	<0.0050
P1-15	04/07/16	283	130	8.01	184	<1.0	0.78	97.8	<0.0050
	23/08/16	275	128	7.95	197	<1.0	0.43	99.5	<0.0050
	07/09/16	276	119	7.88	189	1.3	0.44	98.1	<0.0050
P1-20	04/07/16	283	131	7.91	188	<1.0	0.81	97.4	0.0085
	23/08/16	276	130	7.8	188	1.6	1.13	98.9	<0.0050
	07/09/16	278	122	7.69	169	2.6	1.11	100	<0.0050
P1-B	04/07/16	284	132	7.91	177	2	0.89	98.2	0.0079
	23/08/16	277	129	7.81	186	1	1.98	103	0.0075
	07/09/16	278	120	7.67	187	2.2	1.97	104	0.0101
P2-S	04/07/16	274	129	8.3	180	<1.0	0.52	95.7	<0.0050
	23/08/16	272	123	8.24	177	<1.0	0.51	98.6	<0.0050
	07/09/16	271	118	8.23	173	1.2	0.33	97.9	<0.0050
P2-5	04/07/16	278	128	8.27	179	1.4	0.55	96	<0.0050
	23/08/16	272	123	8.16	175	1	0.55	98.3	<0.0050

Printed Date: 19/10/2016

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
P1-S	04/07/16	1.25	0.087	<0.0050	<0.0051	<0.0010	<0.0010	0.0046	0.01
	23/08/16	1.25	0.092	<0.0050	<0.0051	<0.0010	<0.0010	0.0044	0.0066
	07/09/16	1.27	0.088	<0.0050	<0.0051	<0.0010	<0.0010	0.0045	0.0077
P1-10	04/07/16	1.3	0.088	0.0072	0.0072	<0.0010	0.0019	0.0066	0.0101
	23/08/16	1.29	0.091	<0.0050	<0.0051	<0.0010	0.0025	0.0052	0.0081
	07/09/16	1.27	0.086	<0.0050	<0.0051	<0.0010	<0.0010	0.004	0.0091
P1-5	04/07/16	1.26	0.09	<0.0050	<0.0051	<0.0010	0.002	0.0063	0.0105
	23/08/16	1.24	0.092	<0.0050	<0.0051	<0.0010	<0.0010	0.0043	0.0069
	07/09/16	1.26	0.087	<0.0050	<0.0051	<0.0010	0.0013	0.004	0.008
P1-15	04/07/16	1.31	0.086	0.115	0.115	<0.0010	0.0224	0.0312	0.0385
	23/08/16	1.29	0.091	0.106	0.106	<0.0010	0.0271	0.0315	0.0307
	07/09/16	1.3	0.082	0.123	0.123	<0.0010	0.0302	0.0389	0.0352
P1-20	04/07/16	1.31	0.087	0.18	0.18	<0.0010	0.0384	0.0463	0.0526
	23/08/16	1.3	0.091	0.24	0.24	<0.0010	0.0565	0.0604	0.0586
	07/09/16	1.32	0.085	0.258	0.258	<0.0010	0.0596	0.0741	0.0706
P1-B	04/07/16	1.31	0.087	0.183	0.183	<0.0010	0.0352	0.0482	0.0519
	23/08/16	1.31	0.091	0.25	0.252	0.0013	0.0605	0.0668	0.0665
	07/09/16	1.32	0.086	0.27	0.271	0.0013	0.0655	0.083	0.0845
P2-S	04/07/16	1.26	0.088	<0.0050	<0.0051	<0.0010	<0.0010	0.0058	0.01
	23/08/16	1.24	0.091	<0.0050	<0.0051	<0.0010	<0.0010	0.0048	0.0058
	07/09/16	1.26	0.087	<0.0050	<0.0051	<0.0010	<0.0010	0.0042	0.0091
P2-5	04/07/16	1.26	0.088	<0.0050	<0.0051	<0.0010	0.001	0.006	0.0132
	23/08/16	1.24	0.091	<0.0050	<0.0051	<0.0010	<0.0010	0.0043	0.0032

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		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
P1-S	04/07/16	45.5	0.31	5.63	0.0079	0.00013	0.00077	0.0103	<0.00010
	23/08/16	45.3	0.277	6.17	0.0229	0.00014	0.0009	0.0121	<0.00010
	07/09/16	46	0.276	5.82	0.0112	0.00014	0.00091	0.0115	<0.00010
P1-10	04/07/16	46	0.291	5.45	0.0184	0.00012	0.00077	0.011	<0.00010
	23/08/16	45.2	0.281	6.25	0.0163	0.00013	0.00081	0.0121	<0.00010
	07/09/16	45.9	0.267	5.67	0.012	0.00012	0.00073	0.00962	<0.00010
P1-5	04/07/16	45.6	0.333	5.65	0.0402	0.00012	0.00078	0.0111	<0.00010
	23/08/16	45.3	0.288	6.17	0.0102	0.00013	0.00091	0.0114	<0.00010
	07/09/16	46	0.277	6.14	0.0112	0.00012	0.00074	0.00997	<0.00010
P1-15	04/07/16	45.9	0.387	5.49	0.0294	0.00012	0.00083	0.0111	<0.00010
	23/08/16	45.3	0.35	5.86	0.0155	0.00013	0.00087	0.0114	<0.00010
	07/09/16	45.8	0.355	5.92	0.0142	0.00011	0.00075	0.00943	<0.00010
P1-20	04/07/16	46	0.537	5.33	0.0239	0.00011	0.00079	0.0105	<0.00010
	23/08/16	45.1	0.495	5.89	0.0242	0.00011	0.00091	0.0105	<0.00010
	07/09/16	45.7	0.494	5.57	0.0231	0.0001	0.00077	0.00817	<0.00010
P1-B	04/07/16	45.8	0.524	5.38	0.0186	0.00011	0.0008	0.0107	<0.00010
	23/08/16	45.1	0.497	6.05	0.0235	0.00011	0.00091	0.0104	<0.00010
	07/09/16	45.5	0.61	5.55	0.021	0.0001	0.00073	0.00853	<0.00010
P2-S	04/07/16	45.5	0.301	5.64	0.0143	0.00012	0.00078	0.0105	<0.00010
	23/08/16	45.3	0.282	6.35	0.016	<0.00010	0.00086	0.0115	<0.00010
	07/09/16	46.1	0.267	5.77	0.0107	0.00011	0.00079	0.0101	<0.00010
P2-5	04/07/16	45.5	0.389	5.66	0.0158	0.00011	0.00083	0.0106	<0.00010
	23/08/16	45.3	0.278	6.14	0.0188	0.00011	0.00084	0.0114	<0.00010

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		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
P1-S	04/07/16	<0.000050	0.026	<0.000005	40.4	<0.00050	<0.00010	0.00308	<0.030
	23/08/16	<0.000050	0.027	<0.000005	42.2	<0.00050	<0.00010	0.00344	<0.030
	07/09/16	<0.000050	0.027	<0.000005	40.8	<0.00050	<0.00010	0.00319	<0.030
P1-10	04/07/16	<0.000050	0.028	<0.000005	42.9	<0.00050	<0.00010	0.00319	<0.030
	23/08/16	<0.000050	0.028	<0.000005	43.9	<0.00050	<0.00010	0.00348	<0.030
	07/09/16	<0.000050	0.025	<0.000005	39.5	<0.00050	<0.00010	0.00279	<0.030
P1-5	04/07/16	<0.000050	0.028	<0.000005	41.3	<0.00050	<0.00010	0.00429	0.036
	23/08/16	<0.000050	0.028	<0.000005	42.8	<0.00050	<0.00010	0.00317	<0.030
	07/09/16	<0.000050	0.026	<0.000005	40.2	<0.00050	<0.00010	0.00295	<0.030
P1-15	04/07/16	<0.000050	0.027	<0.000005	42.6	<0.00050	<0.00010	0.00359	<0.030
	23/08/16	<0.000050	0.028	<0.000005	43.7	<0.00050	<0.00010	0.00332	<0.030
	07/09/16	<0.000050	0.025	<0.000005	40.6	<0.00050	<0.00010	0.00285	<0.030
P1-20	04/07/16	<0.000050	0.026	<0.000005	42.3	<0.00050	<0.00010	0.00373	<0.030
	23/08/16	<0.000050	0.029	<0.000005	44.6	<0.00050	<0.00010	0.00381	<0.030
	07/09/16	<0.000050	0.026	<0.000005	40.7	<0.00050	<0.00010	0.00318	<0.030
P1-B	04/07/16	<0.000050	0.026	<0.000005	42.6	<0.00050	<0.00010	0.00375	<0.030
	23/08/16	<0.000050	0.028	<0.000005	43.6	<0.00050	<0.00010	0.0036	<0.030
	07/09/16	<0.000050	0.026	<0.000005	40.5	<0.00050	<0.00010	0.00325	<0.030
P2-S	04/07/16	<0.000050	0.027	<0.000005	42.5	<0.00050	<0.00010	0.00359	<0.030
	23/08/16	<0.000050	0.026	<0.000005	40.3	<0.00050	<0.00010	0.00333	<0.030
	07/09/16	<0.000050	0.025	<0.000005	39.4	<0.00050	<0.00010	0.00287	<0.030
P2-5	04/07/16	<0.000050	0.027	<0.000005	42.6	<0.00050	<0.00010	0.00355	<0.030
	23/08/16	<0.000050	0.026	<0.000005	40	<0.00050	<0.00010	0.00345	<0.030

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		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
P1-S	04/07/16	<0.000050	0.0011	5.64	0.0105	0.0097	<0.00050	1.26	0.000704
	23/08/16	<0.000050	<0.0010	6.01	0.00604	0.0102	<0.00050	1.35	0.000728
	07/09/16	<0.000050	<0.0010	5.45	0.00595	0.0102	<0.00050	1.36	0.000721
P1-10	04/07/16	0.000205	0.001	5.79	0.00943	0.00999	<0.00050	1.32	0.000727
	23/08/16	0.000157	<0.0010	6.13	0.0101	0.0105	<0.00050	1.39	0.000667
	07/09/16	0.000606	<0.0010	4.7	0.00523	0.00967	<0.00050	1.13	0.000604
P1-5	04/07/16	0.000528	0.0011	5.7	0.0122	0.00998	<0.00050	1.32	0.000712
	23/08/16	0.000433	<0.0010	5.86	0.00623	0.0103	<0.00050	1.31	0.000676
	07/09/16	0.00186	<0.0010	4.75	0.0052	0.00991	<0.00050	1.17	0.000642
P1-15	04/07/16	0.000142	<0.0010	5.66	0.0218	0.00954	<0.00050	1.33	0.000709
	23/08/16	0.000109	<0.0010	5.98	0.00786	0.0104	<0.00050	1.38	0.000692
	07/09/16	0.000298	<0.0010	4.65	0.00849	0.00967	<0.00050	1.16	0.000678
P1-20	04/07/16	0.000083	<0.0010	5.61	0.0827	0.00947	<0.00050	1.29	0.00069
	23/08/16	0.00011	<0.0010	6.24	0.0745	0.00983	<0.00050	1.47	0.000699
	07/09/16	0.000243	<0.0010	4.8	0.041	0.00891	<0.00050	1.22	0.000552
P1-B	04/07/16	0.000091	<0.0010	5.72	0.0885	0.00957	<0.00050	1.3	0.000704
	23/08/16	0.000076	<0.0010	6.06	0.129	0.00959	<0.00050	1.43	0.000706
	07/09/16	0.000209	<0.0010	4.8	0.159	0.00877	<0.00050	1.23	0.000625
P2-S	04/07/16	<0.000050	<0.0010	5.72	0.0118	0.00978	<0.00050	1.27	0.000697
	23/08/16	<0.000050	<0.0010	5.9	0.0071	0.00997	<0.00050	1.35	0.000698
	07/09/16	<0.000050	<0.0010	4.98	0.00473	0.0098	<0.00050	1.2	0.000611
P2-5	04/07/16	0.000138	<0.0010	5.78	0.0118	0.00981	<0.00050	1.28	0.000699
	23/08/16	0.000149	<0.0010	5.92	0.00751	0.01	<0.00050	1.33	0.00066

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		Silicon (Si)-Total (mg/L)	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)
P1-S	04/07/16	2.15	<0.000010	9.14	0.3	<0.000010	<0.00010	<0.010	0.000256
	23/08/16	2.24	<0.000010	9.78	0.323	<0.000010	<0.00010	<0.010	0.000267
	07/09/16	2.3	<0.000010	9.57	0.316	<0.000010	<0.00010	<0.010	0.000261
P1-10	04/07/16	2.67	<0.000010	9.38	0.31	<0.000010	<0.00010	<0.010	0.000268
	23/08/16	2.8	<0.000010	10	0.331	<0.000010	<0.00010	<0.010	0.000279
	07/09/16	2.03	<0.000010	8	0.299	<0.000010	<0.00010	<0.010	0.000254
P1-5	04/07/16	2.24	<0.000010	9.48	0.309	<0.000010	<0.00010	<0.010	0.000258
	23/08/16	2.17	<0.000010	9.63	0.326	<0.000010	<0.00010	<0.010	0.000268
	07/09/16	2.06	<0.000010	8.14	0.305	<0.000010	<0.00010	<0.010	0.000256
P1-15	04/07/16	3.01	<0.000010	9.45	0.305	<0.000010	<0.00010	<0.010	0.000268
	23/08/16	3.05	<0.000010	9.82	0.331	<0.000010	<0.00010	<0.010	0.000276
	07/09/16	2.81	<0.000010	8.03	0.305	<0.000010	<0.00010	<0.010	0.000261
P1-20	04/07/16	3.16	<0.000010	9.35	0.305	<0.000010	<0.00010	<0.010	0.000262
	23/08/16	3.57	<0.000010	10.2	0.338	<0.000010	<0.00010	<0.010	0.000273
	07/09/16	3.24	<0.000010	8.3	0.308	<0.000010	<0.00010	<0.010	0.000248
P1-B	04/07/16	3.24	<0.000010	9.38	0.312	<0.000010	<0.00010	<0.010	0.000265
	23/08/16	3.58	<0.000010	9.94	0.332	<0.000010	<0.00010	<0.010	0.000261
	07/09/16	3.3	<0.000010	8.3	0.304	<0.000010	<0.00010	<0.010	0.000242
P2-S	04/07/16	2.2	<0.000010	9.39	0.303	<0.000010	<0.00010	<0.010	0.000258
	23/08/16	2.12	<0.000010	9.29	0.318	<0.000010	<0.00010	<0.010	0.000259
	07/09/16	1.96	<0.000010	8.46	0.301	<0.000010	<0.00010	<0.010	0.000253
P2-5	04/07/16	2.24	<0.000010	9.45	0.31	<0.000010	<0.00010	<0.010	0.000263
	23/08/16	2.13	<0.000010	9.27	0.319	<0.000010	<0.00010	<0.010	0.000253

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		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)	Diss-Bismuth (Bi) (mg/L)
P1-S	04/07/16	0.00085	<0.0030	<0.0030	0.00011	0.00078	0.0102	<0.00010	<0.000050
	23/08/16	0.0012	<0.0030	0.0059	0.00011	0.00079	0.0107	<0.00010	<0.000050
	07/09/16	0.0011	<0.0030	<0.0030	0.00011	0.00075	0.00972	<0.00010	<0.000050
P1-10	04/07/16	0.00088	<0.0030	0.015	0.00012	0.0008	0.0109	<0.00010	<0.000050
	23/08/16	0.00118	<0.0030	<0.0030	0.00011	0.00076	0.0109	<0.00010	<0.000050
	07/09/16	0.00086	<0.0030	<0.0030	0.0001	0.00072	0.00969	<0.00010	<0.000050
P1-5	04/07/16	0.00105	<0.0030	0.0039	0.00011	0.00078	0.0104	<0.00010	<0.000050
	23/08/16	0.00116	<0.0030	0.0032	0.00011	0.00081	0.0109	<0.00010	<0.000050
	07/09/16	0.00088	<0.0030	0.0034	0.00011	0.00071	0.00978	<0.00010	<0.000050
P1-15	04/07/16	0.00087	<0.0030	<0.0030	0.0001	0.00076	0.0104	<0.00010	<0.000050
	23/08/16	0.00104	<0.0030	<0.0030	0.00011	0.00076	0.0106	<0.00010	<0.000050
	07/09/16	0.00071	<0.0030	0.0048	0.0001	0.00072	0.00946	<0.00010	<0.000050
P1-20	04/07/16	0.00085	<0.0030	0.0045	0.0001	0.00077	0.0102	<0.00010	<0.000050
	23/08/16	0.00085	<0.0030	<0.0030	0.0001	0.00082	0.00901	<0.00010	<0.000050
	07/09/16	0.00051	<0.0030	<0.0030	<0.00010	0.00075	0.00808	<0.00010	<0.000050
P1-B	04/07/16	0.0008	<0.0030	<0.0030	0.00011	0.00084	0.0104	<0.00010	<0.000050
	23/08/16	0.00082	<0.0030	<0.0030	<0.00010	0.00083	0.00891	<0.00010	<0.000050
	07/09/16	0.00051	<0.0030	<0.0030	<0.00010	0.00074	0.00783	<0.00010	<0.000050
P2-S	04/07/16	0.00096	0.0037	0.0031	0.0001	0.00075	0.0104	<0.00010	<0.000050
	23/08/16	0.00109	<0.0030	0.0036	<0.00010	0.0008	0.0111	<0.00010	<0.000050
	07/09/16	0.00092	<0.0030	<0.0030	0.0001	0.00073	0.00996	<0.00010	<0.000050
P2-5	04/07/16	0.00093	<0.0030	0.0036	<0.00010	0.00074	0.0106	<0.00010	<0.000050
	23/08/16	0.00109	<0.0030	0.005	<0.00010	0.00084	0.011	<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)	Diss-Lead (Pb) (mg/L)
P1-S	04/07/16	0.026	<0.000005	41	<0.00050	<0.00010	0.00283	<0.030	<0.000050
	23/08/16	0.026	<0.000005	41.2	<0.00050	<0.00010	0.00277	<0.030	<0.000050
	07/09/16	0.024	<0.000005	39.5	<0.00050	<0.00010	0.0024	<0.030	<0.000050
P1-10	04/07/16	0.027	<0.000005	42.2	<0.00050	<0.00010	0.00333	<0.030	0.000416
	23/08/16	0.026	<0.000005	41.7	<0.00050	<0.00010	0.00292	<0.030	0.000274
	07/09/16	0.024	<0.000005	39.7	<0.00050	<0.00010	0.00258	<0.030	0.000723
P1-5	04/07/16	0.026	<0.000005	41.9	<0.00050	<0.00010	0.00317	<0.030	0.000655
	23/08/16	0.026	<0.000005	40.8	<0.00050	<0.00010	0.00297	<0.030	0.00064
	07/09/16	0.024	<0.000005	39.7	<0.00050	<0.00010	0.00265	<0.030	0.00135
P1-15	04/07/16	0.025	<0.000005	42.6	<0.00050	<0.00010	0.00306	<0.030	0.000213
	23/08/16	0.026	<0.000005	42	<0.00050	<0.00010	0.00291	<0.030	0.000192
	07/09/16	0.024	<0.000005	39.8	<0.00050	<0.00010	0.0026	<0.030	0.000542
P1-20	04/07/16	0.025	<0.000005	42.9	<0.00050	<0.00010	0.00333	<0.030	0.000222
	23/08/16	0.026	<0.000005	42.5	<0.00050	<0.00010	0.00296	<0.030	0.000174
	07/09/16	0.025	<0.000005	40.6	<0.00050	<0.00010	0.00268	<0.030	0.000371
P1-B	04/07/16	0.026	<0.000005	43.3	<0.00050	<0.00010	0.0033	<0.030	0.000163
	23/08/16	0.026	<0.000005	42.4	<0.00050	<0.00010	0.00284	<0.030	0.000129
	07/09/16	0.024	<0.000005	40.1	<0.00050	<0.00010	0.00262	<0.030	0.000277
P2-S	04/07/16	0.025	<0.000005	42.2	<0.00050	<0.00010	0.0029	<0.030	<0.000050
	23/08/16	0.025	<0.000005	39.8	<0.00050	<0.00010	0.0028	<0.030	<0.000050
	07/09/16	0.024	<0.000005	39.1	<0.00050	<0.00010	0.00247	<0.030	<0.000050
P2-5	04/07/16	0.025	<0.000005	41.9	<0.00050	<0.00010	0.00304	<0.030	0.000258
	23/08/16	0.025	<0.000005	39.7	<0.00050	<0.00010	0.00306	<0.030	0.00023

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This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Silicon (Si) (mg/L)
P1-S	04/07/16	<0.0010	5.69	0.00722	0.00942	<0.00050	1.25	0.000668	2.16
	23/08/16	<0.0010	5.7	0.00239	0.00944	<0.00050	1.26	0.000659	2.17
	07/09/16	<0.0010	4.74	0.00211	0.00909	<0.00050	1.16	0.000606	1.98
P1-10	04/07/16	<0.0010	5.63	0.00416	0.00911	<0.00050	1.3	0.000661	2.58
	23/08/16	<0.0010	5.58	0.00404	0.00927	<0.00050	1.26	0.000693	2.71
	07/09/16	<0.0010	4.73	0.00207	0.00927	<0.00050	1.16	0.000673	2.03
P1-5	04/07/16	<0.0010	5.73	0.00747	0.00948	<0.00050	1.27	0.000691	2.17
	23/08/16	<0.0010	5.65	0.00318	0.0091	<0.00050	1.24	0.000675	2.08
	07/09/16	<0.0010	4.73	0.00201	0.00936	<0.00050	1.15	0.000613	2.01
P1-15	04/07/16	<0.0010	5.66	0.0121	0.0094	<0.00050	1.26	0.000701	2.95
	23/08/16	<0.0010	5.68	0.00089	0.00937	<0.00050	1.29	0.00075	3
	07/09/16	<0.0010	4.69	0.00081	0.00901	<0.00050	1.17	0.000606	2.74
P1-20	04/07/16	<0.0010	5.7	0.0598	0.00934	<0.00050	1.28	0.000671	3.18
	23/08/16	<0.0010	5.73	0.00064	0.00883	<0.00050	1.33	0.000611	3.35
	07/09/16	<0.0010	4.94	0.0003	0.00843	<0.00050	1.27	0.000607	3.15
P1-B	04/07/16	<0.0010	5.76	0.0576	0.00928	<0.00050	1.31	0.000739	3.2
	23/08/16	<0.0010	5.75	0.00343	0.00861	<0.00050	1.34	0.000578	3.42
	07/09/16	<0.0010	4.95	0.0189	0.00804	<0.00050	1.27	0.000664	3.21
P2-S	04/07/16	<0.0010	5.65	0.00654	0.00911	<0.00050	1.28	0.000706	2.15
	23/08/16	<0.0010	5.88	0.00282	0.00972	<0.00050	1.34	0.000675	2.07
	07/09/16	<0.0010	4.91	0.00161	0.00922	<0.00050	1.18	0.000673	1.97
P2-5	04/07/16	<0.0010	5.68	0.00691	0.00914	<0.00050	1.23	0.000652	2.16
	23/08/16	<0.0010	5.84	0.00287	0.00969	<0.00050	1.33	0.000628	2.09

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		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
P1-S	04/07/16	<0.000010	9.01	0.301	<0.000010	<0.00010	<0.010	0.000239	0.00085
	23/08/16	<0.000010	9.24	0.312	<0.000010	<0.00010	<0.010	0.000234	0.00094
	07/09/16	<0.000010	8.14	0.295	<0.000010	<0.00010	<0.010	0.000228	0.00082
P1-10	04/07/16	<0.000010	9.17	0.294	<0.000010	<0.00010	<0.010	0.000245	0.00083
	23/08/16	<0.000010	9.14	0.313	<0.000010	<0.00010	<0.010	0.000243	0.00083
	07/09/16	<0.000010	8.1	0.297	<0.000010	<0.00010	<0.010	0.000234	0.00078
P1-5	04/07/16	<0.000010	9.06	0.303	<0.000010	<0.00010	<0.010	0.000239	0.00086
	23/08/16	<0.000010	9.18	0.306	<0.000010	<0.00010	<0.010	0.000216	0.00091
	07/09/16	<0.000010	8.08	0.297	<0.000010	<0.00010	<0.010	0.000232	0.00079
P1-15	04/07/16	<0.000010	9.21	0.307	<0.000010	<0.00010	<0.010	0.000251	0.00073
	23/08/16	<0.000010	9.32	0.314	<0.000010	<0.00010	<0.010	0.000248	0.00077
	07/09/16	<0.000010	8.09	0.296	<0.000010	<0.00010	<0.010	0.000249	0.00068
P1-20	04/07/16	<0.000010	9.3	0.312	<0.000010	<0.00010	<0.010	0.000249	0.00074
	23/08/16	<0.000010	9.43	0.32	<0.000010	<0.00010	<0.010	0.000238	0.00052
	07/09/16	<0.000010	8.53	0.3	<0.000010	<0.00010	<0.010	0.00023	<0.00050
P1-B	04/07/16	<0.000010	9.24	0.31	<0.000010	<0.00010	<0.010	0.000251	0.00071
	23/08/16	<0.000010	9.49	0.319	<0.000010	<0.00010	<0.010	0.000237	<0.00050
	07/09/16	<0.000010	8.52	0.298	<0.000010	<0.00010	<0.010	0.000227	<0.00050
P2-S	04/07/16	<0.000010	9.2	0.295	<0.000010	<0.00010	<0.010	0.000239	0.00083
	23/08/16	<0.000010	9.23	0.314	<0.000010	<0.00010	<0.010	0.000227	0.00096
	07/09/16	<0.000010	8.35	0.296	<0.000010	<0.00010	<0.010	0.000232	0.00081
P2-5	04/07/16	<0.000010	9.11	0.295	<0.000010	<0.00010	<0.010	0.000229	0.00082
	23/08/16	<0.000010	9.22	0.312	<0.000010	<0.00010	<0.010	0.000227	0.00095

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		Diss-Zinc (Zn) (mg/L)
P1-S	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030
P1-10	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030
P1-5	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030
P1-15	04/07/16	0.0032
	23/08/16	<0.0030
	07/09/16	<0.0030
P1-20	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030
P1-B	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030
P2-S	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030
P2-5	04/07/16	<0.0030
	23/08/16	<0.0030

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
P2-5	07/09/16	275	119	8.25	184	1.5	0.47	103	<0.0050
P2-10	04/07/16	280	127	8.1	178	<1.0	0.6	95.1	<0.0050
	23/08/16	274	125	7.99	180	<1.0	1.03	97.6	<0.0050
	07/09/16	270	120	8.08	179	1.1	0.36	98.1	<0.0050
P2-15	04/07/16	284	131	8.02	187	<1.0	0.91	97.8	<0.0050
	23/08/16	280	124	7.87	185	1.2	0.76	104	<0.0050
	07/09/16	274	121	7.86	181	1.6	1.3	100	0.0066
P2-20	04/07/16	286	131	7.99	183	<1.0	0.78	96.9	<0.0050
	23/08/16	282	123	7.81	176	1.8	0.78	104	<0.0050
	07/09/16	278	121	7.73	178	2.2	1.36	103	<0.0050
P2-B	04/07/16	287	129	7.95	185	<1.0	0.9	98.1	0.0053
	23/08/16	280	127	7.8	183	1.4	1.74	100	0.0097
	07/09/16	278	121	7.67	174	2.4	2.06	104	0.0125

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		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
P2-5	07/09/16	1.27	0.09	<0.0050	<0.0051	<0.0010	<0.0010	0.0043	0.008
P2-10	04/07/16	1.29	0.088	0.0062	0.0062	<0.0010	0.0016	0.0051	0.0101
	23/08/16	1.28	0.091	<0.0050	<0.0051	<0.0010	<0.0010	0.0042	0.0091
	07/09/16	1.28	0.088	<0.0050	<0.0051	<0.0010	<0.0010	0.004	0.0076
P2-15	04/07/16	1.3	0.087	0.112	0.112	<0.0010	0.0225	0.026	0.0604
	23/08/16	1.29	0.091	0.133	0.133	<0.0010	0.0313	0.0365	0.0355
	07/09/16	1.31	0.087	0.0951	0.0951	<0.0010	0.0245	0.0309	0.0315
P2-20	04/07/16	1.31	0.088	0.145	0.145	<0.0010	0.0287	0.0364	0.042
	23/08/16	1.3	0.091	0.217	0.217	<0.0010	0.0486	0.0551	0.0629
	07/09/16	1.31	0.081	0.227	0.227	<0.0010	0.054	0.0629	0.057
P2-B	04/07/16	1.31	0.088	0.18	0.18	<0.0010	0.0378	0.0467	0.0521
	23/08/16	1.31	0.092	0.251	0.253	0.0016	0.0627	0.0669	0.0713
	07/09/16	1.32	0.086	0.272	0.273	0.0013	0.072	0.085	0.0826

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		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
P2-5	07/09/16	46	0.275	5.76	0.0134	0.00011	0.00076	0.01	<0.00010
P2-10	04/07/16	46	0.277	5.38	0.0149	0.00011	0.00075	0.0108	<0.00010
	23/08/16	45.3	0.266	6.06	0.0294	0.00011	0.00083	0.0117	<0.00010
	07/09/16	45.9	0.271	5.83	0.0074	0.00012	0.00076	0.0101	<0.00010
P2-15	04/07/16	46.1	0.381	5.36	0.0431	0.00011	0.00084	0.0113	<0.00010
	23/08/16	45.2	0.392	5.97	0.0291	0.00011	0.00082	0.011	<0.00010
	07/09/16	45.7	0.328	5.67	0.0252	0.00011	0.0008	0.0105	<0.00010
P2-20	04/07/16	46.1	0.435	5.29	0.0336	0.00016	0.00088	0.0109	<0.00010
	23/08/16	45.2	0.524	6	0.027	0.0001	0.00084	0.0101	<0.00010
	07/09/16	45.8	0.489	5.65	0.0337	0.00011	0.00082	0.00935	<0.00010
P2-B	04/07/16	45.9	0.608	5.33	0.0234	0.00014	0.00086	0.0109	<0.00010
	23/08/16	45.3	0.501	5.94	0.0327	0.0001	0.00089	0.0102	<0.00010
	07/09/16	45.5	0.524	5.64	0.0273	<0.00010	0.00076	0.00891	<0.00010

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		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
P2-5	07/09/16	<0.000050	0.025	<0.000005	39.2	<0.00050	<0.00010	0.0031	<0.030
P2-10	04/07/16	<0.000050	0.027	<0.000005	42.5	<0.00050	<0.00010	0.00339	<0.030
	23/08/16	<0.000050	0.026	<0.000005	40	<0.00050	<0.00010	0.00395	<0.030
	07/09/16	<0.000050	0.025	<0.000005	40.1	<0.00050	<0.00010	0.00296	<0.030
P2-15	04/07/16	<0.000050	0.027	<0.000005	42.7	<0.00050	<0.00010	0.00396	0.048
	23/08/16	<0.000050	0.026	<0.000005	40.2	<0.00050	<0.00010	0.00369	<0.030
	07/09/16	<0.000050	0.025	<0.000005	40.7	<0.00050	<0.00010	0.00352	<0.030
P2-20	04/07/16	<0.000050	0.029	<0.000005	41.6	<0.00050	<0.00010	0.00364	<0.030
	23/08/16	<0.000050	0.025	<0.000005	40	<0.00050	<0.00010	0.00356	<0.030
	07/09/16	<0.000050	0.025	<0.000005	40.7	<0.00050	<0.00010	0.00372	<0.030
P2-B	04/07/16	<0.000050	0.03	<0.000005	42.3	<0.00050	<0.00010	0.00368	<0.030
	23/08/16	<0.000050	0.026	<0.000005	40.8	<0.00050	<0.00010	0.00387	<0.030
	07/09/16	<0.000050	0.026	<0.000005	40.8	<0.00050	<0.00010	0.00329	<0.030

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		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
P2-5	07/09/16	0.000205	<0.0010	4.92	0.00514	0.00988	<0.00050	1.17	0.00065
P2-10	04/07/16	0.000097	<0.0010	5.68	0.00738	0.00976	<0.00050	1.29	0.000751
	23/08/16	0.000127	<0.0010	5.87	0.0111	0.00985	<0.00050	1.35	0.000697
	07/09/16	0.000212	<0.0010	5.03	0.00581	0.00987	<0.00050	1.2	0.000648
P2-15	04/07/16	0.00009	<0.0010	5.69	0.0276	0.0106	<0.00050	1.33	0.000694
	23/08/16	0.000066	<0.0010	5.69	0.0147	0.00966	<0.00050	1.35	0.00067
	07/09/16	0.000155	<0.0010	5.1	0.0185	0.00974	<0.00050	1.26	0.000589
P2-20	04/07/16	0.000074	0.0011	5.55	0.0303	0.00984	<0.00050	1.33	0.000679
	23/08/16	0.000069	<0.0010	5.71	0.0352	0.00917	<0.00050	1.34	0.000679
	07/09/16	0.000141	<0.0010	5.1	0.0258	0.00934	<0.00050	1.27	0.000595
P2-B	04/07/16	0.00006	0.0014	5.67	0.0906	0.00954	<0.00050	1.33	0.000709
	23/08/16	0.00006	<0.0010	6.02	0.164	0.00927	<0.00050	1.4	0.000655
	07/09/16	0.000099	<0.0010	5.11	0.15	0.00902	<0.00050	1.28	0.00058

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		Silicon (Si)-Total (mg/L)	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)
P2-5	07/09/16	1.95	<0.000010	8.28	0.3	<0.000010	<0.00010	<0.010	0.000252
P2-10	04/07/16	2.59	<0.000010	9.46	0.306	<0.000010	<0.00010	<0.010	0.000265
	23/08/16	2.54	<0.000010	9.16	0.318	<0.000010	<0.00010	<0.010	0.000258
	07/09/16	2.11	<0.000010	8.49	0.302	<0.000010	<0.00010	<0.010	0.000255
P2-15	04/07/16	3.04	<0.000010	9.23	0.316	<0.000010	<0.00010	<0.010	0.000284
	23/08/16	3.07	<0.000010	8.97	0.318	<0.000010	<0.00010	<0.010	0.000259
	07/09/16	2.86	<0.000010	8.7	0.309	<0.000010	<0.00010	<0.010	0.00026
P2-20	04/07/16	3.02	<0.000010	9.7	0.315	<0.000010	<0.00010	<0.010	0.000256
	23/08/16	3.23	<0.000010	9.04	0.318	<0.000010	<0.00010	<0.010	0.000244
	07/09/16	3.16	<0.000010	8.74	0.311	<0.000010	<0.00010	<0.010	0.000255
P2-B	04/07/16	3.19	<0.000010	9.66	0.31	<0.000010	<0.00010	<0.010	0.000246
	23/08/16	3.38	<0.000010	9.45	0.323	<0.000010	<0.00010	<0.010	0.000248
	07/09/16	3.36	<0.000010	8.74	0.311	<0.000010	<0.00010	<0.010	0.000252

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This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Bismuth (Bi) (mg/L)
P2-5	07/09/16	0.00087	<0.0030	0.0031	0.00011	0.00073	0.00975	<0.00010	<0.000050
P2-10	04/07/16	0.00091	<0.0030	<0.0030	0.0001	0.00081	0.0105	<0.00010	<0.000050
	23/08/16	0.00102	<0.0030	0.0069	<0.00010	0.00077	0.0114	<0.00010	<0.000050
	07/09/16	0.00089	<0.0030	<0.0030	0.00011	0.00075	0.0101	<0.00010	<0.000050
P2-15	04/07/16	0.00092	<0.0030	0.0043	0.00011	0.0008	0.0106	<0.00010	<0.000050
	23/08/16	0.00084	<0.0030	<0.0030	<0.00010	0.00083	0.0105	<0.00010	<0.000050
	07/09/16	0.00083	<0.0030	<0.0030	<0.00010	0.00076	0.00982	<0.00010	<0.000050
P2-20	04/07/16	0.00093	<0.0030	<0.0030	0.00011	0.00082	0.0107	<0.00010	<0.000050
	23/08/16	0.00072	<0.0030	<0.0030	<0.00010	0.00079	0.00961	<0.00010	<0.000050
	07/09/16	0.00067	<0.0030	<0.0030	<0.00010	0.00077	0.00861	<0.00010	<0.000050
P2-B	04/07/16	0.00092	<0.0030	<0.0030	<0.00010	0.00084	0.0106	<0.00010	<0.000050
	23/08/16	0.00069	<0.0030	<0.0030	<0.00010	0.0008	0.00886	<0.00010	<0.000050
	07/09/16	0.00051	<0.0030	<0.0030	<0.00010	0.00075	0.00787	<0.00010	<0.000050

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Lead (Pb) (mg/L)
P2-5	07/09/16	0.025	<0.000005	39.5	<0.00050	<0.00010	0.0027	<0.030	0.000377
P2-10	04/07/16	0.026	<0.000005	41.8	<0.00050	<0.00010	0.00293	<0.030	0.000156
	23/08/16	0.025	<0.000005	40.3	<0.00050	<0.00010	0.00319	<0.030	0.000178
	07/09/16	0.024	<0.000005	39.7	<0.00050	<0.00010	0.00277	<0.030	0.000308
P2-15	04/07/16	0.025	<0.000005	43	<0.00050	<0.00010	0.00354	<0.030	0.000155
	23/08/16	0.024	<0.000005	40.1	<0.00050	<0.00010	0.00314	<0.030	0.000127
	07/09/16	0.024	<0.000005	40.3	<0.00050	<0.00010	0.00282	<0.030	0.000222
P2-20	04/07/16	0.027	<0.000005	43.1	<0.00050	<0.00010	0.00315	<0.030	0.000135
	23/08/16	0.025	<0.000005	39.7	<0.00050	<0.00010	0.00305	<0.030	0.000105
	07/09/16	0.024	<0.000005	40.3	<0.00050	<0.00010	0.00273	<0.030	0.000188
P2-B	04/07/16	0.026	<0.000005	42.2	<0.00050	<0.00010	0.00333	<0.030	0.000106
	23/08/16	0.025	<0.000005	41	<0.00050	<0.00010	0.00299	<0.030	0.000089
	07/09/16	0.025	<0.000005	40.2	<0.00050	<0.00010	0.0027	<0.030	0.000186

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Silicon (Si) (mg/L)
P2-5	07/09/16	<0.0010	4.88	0.00145	0.0092	<0.00050	1.17	0.000616	1.95
P2-10	04/07/16	<0.0010	5.56	0.00249	0.0093	<0.00050	1.26	0.000702	2.5
	23/08/16	<0.0010	5.85	0.0056	0.00987	<0.00050	1.32	0.000688	2.51
	07/09/16	<0.0010	5.02	0.00159	0.00929	<0.00050	1.2	0.000632	2.13
P2-15	04/07/16	<0.0010	5.68	0.0179	0.00973	<0.00050	1.33	0.000719	2.97
	23/08/16	<0.0010	5.83	0.00117	0.00943	<0.00050	1.36	0.000673	3.05
	07/09/16	<0.0010	4.97	0.00719	0.009	<0.00050	1.22	0.000672	2.74
P2-20	04/07/16	<0.0010	5.72	0.0134	0.00936	<0.00050	1.37	0.000701	3.03
	23/08/16	<0.0010	5.8	0.0006	0.009	<0.00050	1.39	0.000635	3.18
	07/09/16	<0.0010	5	0.00038	0.00853	<0.00050	1.24	0.000633	3.09
P2-B	04/07/16	0.001	5.65	0.0609	0.0094	<0.00050	1.37	0.000698	3.13
	23/08/16	<0.0010	5.87	0.00565	0.00893	<0.00050	1.39	0.000643	3.3
	07/09/16	<0.0010	5	0.00495	0.00817	<0.00050	1.26	0.000539	3.29

Monitoring data report for: Polley Lake



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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
P2-5	07/09/16	<0.000010	8.26	0.298	<0.000010	<0.00010	<0.010	0.000229	0.00082
P2-10	04/07/16	<0.000010	9.28	0.3	<0.000010	<0.00010	<0.010	0.000243	0.00082
	23/08/16	<0.000010	9.21	0.313	<0.000010	<0.00010	<0.010	0.000242	0.00089
	07/09/16	<0.000010	8.47	0.3	<0.000010	<0.00010	<0.010	0.000237	0.00079
P2-15	04/07/16	<0.000010	9.33	0.317	<0.000010	<0.00010	<0.010	0.000264	0.00079
	23/08/16	<0.000010	9.23	0.312	<0.000010	<0.00010	<0.010	0.000241	0.00073
	07/09/16	<0.000010	8.49	0.301	<0.000010	<0.00010	<0.010	0.000246	0.00069
P2-20	04/07/16	<0.000010	9.79	0.304	<0.000010	<0.00010	<0.010	0.000243	0.00077
	23/08/16	<0.000010	9.18	0.313	<0.000010	<0.00010	<0.010	0.000231	0.00059
	07/09/16	<0.000010	8.54	0.302	<0.000010	<0.00010	<0.010	0.000237	<0.00050
P2-B	04/07/16	<0.000010	9.8	0.308	<0.000010	<0.00010	<0.010	0.000235	0.00077
	23/08/16	<0.000010	9.23	0.325	<0.000010	<0.00010	<0.010	0.00024	<0.00050
	07/09/16	<0.000010	8.59	0.303	<0.000010	<0.00010	<0.010	0.000229	<0.00050

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Monitoring data report for: Polley Lake



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		Diss-Zinc (Zn) (mg/L)
P2-5	07/09/16	<0.0030
P2-10	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030
P2-15	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030
P2-20	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030
P2-B	04/07/16	<0.0030
	23/08/16	<0.0030
	07/09/16	<0.0030

Printed Date: 19/10/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
QUL-120a-0m	20/07/16	96.2	47.3	7.77	84	<1.0	0.27	43.7	<0.0050
	24/08/16	105	49.8	7.83	81	<1.0	0.27	47.7	<0.0050
QUL-120a-120	24/08/16	108	52.9	7.79	81	<1.0	0.16	50.7	<0.0050
QUL-120a-140	24/08/16	108	52.9	7.79	81	<1.0	0.14	50.5	<0.0050
QUL-120a-40m	24/08/16	106	53.1	7.79	82	<1.0	0.24	50.3	<0.0050
QUL-120a-80m	24/08/16	107	53.2	7.78	78	<1.0	0.15	50	<0.0050
QUL-18-0m	20/07/16	98.2	47.5	7.78	76	<1.0	0.35	46.1	<0.0050
	15/08/16	100	49.5	7.88	61	<1.0	0.23	48.5	<0.0050
	12/09/16	103	48.4	7.9	79	<1.0	0.23	48.9	<0.0050
QUL-18-100m	20/07/16	112	54.8	7.73	84	<1.0	0.43	49.4	<0.0050
	15/08/16	115	55.1	7.86	83	<1.0	0.3	53.6	<0.0050
	12/09/16	112	53.4	7.87	90	<1.0	0.34	51.7	<0.0050
QUL-18-20m	20/07/16	108	51.7	7.79	76	<1.0	0.19	47	<0.0050
	15/08/16	106	51	7.84	69	<1.0	0.25	51.1	<0.0050
	12/09/16	109	50.9	7.85	81	<1.0	0.26	49.9	<0.0050
QUL-18-50m	20/07/16	110	54.4	7.76	84	<1.0	0.25	48.7	<0.0050
	15/08/16	119	56.1	7.85	71	<1.0	0.23	53.1	<0.0050
	12/09/16	113	53.4	7.86	85	<1.0	0.27	51.2	<0.0050
QUL-2a-0m	20/07/16	97.1	46.9	7.74	76	<1.0	0.36	44.9	<0.0050
	15/08/16	100	50.2	7.85	56	<1.0	0.21	48.4	<0.0050
	12/09/16	104	49.6	7.86	73	<1.0	0.35	48.8	<0.0050
QUL-2a-20m	20/07/16	106	51.5	7.73	77	<1.0	0.36	48.8	<0.0050
	15/08/16	106	52.9	7.83	66	<1.0	0.22	51	<0.0050

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Monitoring data report for: Quesnel Lake



Mount Polley
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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
QUL-120a-0m	20/07/16	<0.50	0.032	0.0451	0.0451	<0.0010	<0.0010	<0.0020	<0.0020
	24/08/16	<0.50	0.034	0.0587	0.0587	<0.0010	<0.0010	<0.0020	<0.0020
QUL-120a-120	24/08/16	<0.50	0.036	0.144	0.144	<0.0010	<0.0010	<0.0020	<0.0020
QUL-120a-140	24/08/16	<0.50	0.036	0.146	0.146	<0.0010	<0.0010	<0.0020	<0.0020
QUL-120a-40m	24/08/16	<0.50	0.036	0.143	0.143	<0.0010	<0.0010	<0.0020	<0.0020
QUL-120a-80m	24/08/16	<0.50	0.035	0.143	0.143	<0.0010	<0.0010	<0.0020	<0.0020
QUL-18-0m	20/07/16	<0.50	0.032	0.0453	0.0453	<0.0010	<0.0010	<0.0020	0.0036
	15/08/16	<0.50	0.031	0.0422	0.0422	<0.0010	<0.0010	<0.0020	<0.0020
	12/09/16	<0.50	0.035	0.0539	0.0539	<0.0010	<0.0010	<0.0020	0.0062
QUL-18-100m	20/07/16	<0.50	0.035	0.153	0.153	<0.0010	<0.0010	<0.0020	0.0024
	15/08/16	<0.50	0.035	0.155	0.155	<0.0010	<0.0010	<0.0020	<0.0020
	12/09/16	<0.50	0.036	0.166	0.166	<0.0010	<0.0010	<0.0020	0.0025
QUL-18-20m	20/07/16	<0.50	0.033	0.123	0.123	<0.0010	<0.0010	<0.0020	0.0028
	15/08/16	<0.50	0.033	0.121	0.121	<0.0010	<0.0010	<0.0020	<0.0020
	12/09/16	<0.50	0.037	0.148	0.148	<0.0010	<0.0010	<0.0020	0.0032
QUL-18-50m	20/07/16	<0.50	0.035	0.148	0.148	<0.0010	<0.0010	<0.0020	0.0025
	15/08/16	<0.50	0.037	0.19	0.19	<0.0010	0.001	<0.0020	<0.0020
	12/09/16	<0.50	0.037	0.172	0.172	<0.0010	<0.0010	<0.0020	0.0038
QUL-2a-0m	20/07/16	<0.50	0.032	0.0367	0.0367	<0.0010	<0.0010	<0.0020	0.003
	15/08/16	<0.50	0.031	0.042	0.042	<0.0010	<0.0010	<0.0020	<0.0020
	12/09/16	<0.50	0.035	0.0556	0.0556	<0.0010	<0.0010	<0.0020	0.0033
QUL-2a-20m	20/07/16	<0.50	0.034	0.127	0.127	<0.0010	<0.0010	<0.0020	0.0037
	15/08/16	<0.50	0.033	0.13	0.13	<0.0010	<0.0010	<0.0020	<0.0020

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This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
QUL-120a-0m	20/07/16	5.77	0.126	2.21	0.0135	<0.00010	0.00012	0.00535	<0.00010
	24/08/16	6.27	0.115	1.83	0.0116	0.00011	<0.00010	0.00497	<0.00010
QUL-120a-120	24/08/16	6.24	0.178	1.61	0.0103	<0.00010	<0.00010	0.00517	<0.00010
QUL-120a-140	24/08/16	6.25	0.178	1.55	0.01	<0.00010	<0.00010	0.00505	<0.00010
QUL-120a-40m	24/08/16	6.33	0.175	1.56	0.0161	0.00011	<0.00010	0.00541	<0.00010
QUL-120a-80m	24/08/16	6.22	0.181	1.39	0.0096	<0.00010	<0.00010	0.00517	<0.00010
QUL-18-0m	20/07/16	5.74	0.135	2.42	0.0219	<0.00010	0.00012	0.00562	<0.00010
	15/08/16	5.94	0.107	1.98	0.0139	<0.00010	0.00013	0.00538	<0.00010
	12/09/16	6.29	0.154	1.73	0.0163	<0.00010	0.00012	0.00513	<0.00010
QUL-18-100m	20/07/16	7.93	0.193	1.94	0.025	<0.00010	0.00012	0.00558	<0.00010
	15/08/16	7.74	0.212	1.74	0.0195	<0.00010	0.00013	0.00578	<0.00010
	12/09/16	8.13	0.211	1.77	0.0143	<0.00010	0.00013	0.00567	<0.00010
QUL-18-20m	20/07/16	6.47	0.181	1.97	0.0112	<0.00010	<0.00010	0.00506	<0.00010
	15/08/16	6.26	0.177	1.76	0.0108	<0.00010	0.00012	0.0052	<0.00010
	12/09/16	7.14	0.217	1.74	0.0121	<0.00010	<0.00010	0.00528	<0.00010
QUL-18-50m	20/07/16	7.35	0.198	2.11	0.0206	<0.00010	0.0001	0.00557	<0.00010
	15/08/16	9.93	0.248	1.79	0.0152	<0.00010	0.00013	0.0059	<0.00010
	12/09/16	8.38	0.214	1.72	0.0129	<0.00010	0.00012	0.00553	<0.00010
QUL-2a-0m	20/07/16	5.74	0.138	2.68	0.0206	<0.00010	0.00015	0.00587	<0.00010
	15/08/16	6	0.111	2.31	0.0132	<0.00010	0.00013	0.00553	<0.00010
	12/09/16	6.33	0.133	1.9	0.0134	<0.00010	0.00012	0.00513	<0.00010
QUL-2a-20m	20/07/16	6.51	0.178	1.85	0.0144	<0.00010	0.00012	0.00529	<0.00010
	15/08/16	6.48	0.188	2.19	0.0124	<0.00010	0.00011	0.00517	<0.00010

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		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
QUL-120a-0m	20/07/16	<0.000050	<0.010	<0.000005	15.6	<0.00050	<0.00010	0.00056	<0.030
	24/08/16	<0.000050	<0.010	<0.000005	17.7	<0.00050	<0.00010	0.00054	<0.030
QUL-120a-120	24/08/16	<0.000050	<0.010	<0.000005	18.7	<0.00050	<0.00010	0.00085	<0.030
QUL-120a-140	24/08/16	<0.000050	<0.010	<0.000005	17.9	<0.00050	<0.00010	0.00093	<0.030
QUL-120a-40m	24/08/16	<0.000050	<0.010	<0.000005	18.4	<0.00050	<0.00010	0.001	<0.030
QUL-120a-80m	24/08/16	<0.000050	<0.010	<0.000005	18.2	<0.00050	<0.00010	0.00099	<0.030
QUL-18-0m	20/07/16	<0.000050	<0.010	<0.000005	16.3	<0.00050	<0.00010	0.00109	0.035
	15/08/16	<0.000050	<0.010	<0.000005	17.2	<0.00050	<0.00010	0.00093	<0.030
	12/09/16	<0.000050	<0.010	<0.000005	17.1	<0.00050	<0.00010	0.00081	<0.030
QUL-18-100m	20/07/16	<0.000050	<0.010	<0.000005	18.6	<0.00050	<0.00010	0.00134	<0.030
	15/08/16	<0.000050	<0.010	<0.000005	18.5	<0.00050	<0.00010	0.00126	<0.030
	12/09/16	<0.000050	<0.010	<0.000005	18.9	<0.00050	<0.00010	0.00127	<0.030
QUL-18-20m	20/07/16	<0.000050	<0.010	<0.000005	17.5	<0.00050	<0.00010	0.00086	<0.030
	15/08/16	<0.000050	<0.010	<0.000005	17	<0.00050	<0.00010	0.00071	<0.030
	12/09/16	<0.000050	<0.010	<0.000005	18.3	<0.00050	<0.00010	0.00087	<0.030
QUL-18-50m	20/07/16	<0.000050	<0.010	<0.000005	18.6	<0.00050	<0.00010	0.00095	<0.030
	15/08/16	<0.000050	<0.010	<0.000005	18.8	<0.00050	<0.00010	0.00104	<0.030
	12/09/16	<0.000050	<0.010	<0.000005	18	<0.00050	<0.00010	0.00116	<0.030
QUL-2a-0m	20/07/16	<0.000050	<0.010	<0.000005	15.8	<0.00050	<0.00010	0.00067	0.038
	15/08/16	<0.000050	<0.010	<0.000005	16.9	<0.00050	<0.00010	0.00077	<0.030
	12/09/16	<0.000050	<0.010	<0.000005	17.2	<0.00050	<0.00010	0.00062	<0.030
QUL-2a-20m	20/07/16	<0.000050	<0.010	<0.000005	17.7	<0.00050	<0.00010	0.00063	<0.030
	15/08/16	<0.000050	<0.010	<0.000005	18	<0.00050	<0.00010	0.00074	<0.030

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Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

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		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
QUL-120a-0m	20/07/16	<0.000050	<0.0010	1.9	0.00169	0.000351	<0.00050	0.482	0.000099
	24/08/16	<0.000050	<0.0010	1.96	0.00078	0.000279	<0.00050	0.476	0.000062
QUL-120a-120	24/08/16	0.000089	<0.0010	2.07	0.00069	0.000312	<0.00050	0.509	0.000064
QUL-120a-140	24/08/16	0.000146	<0.0010	2.09	0.00071	0.000297	<0.00050	0.521	0.000064
QUL-120a-40m	24/08/16	0.000354	<0.0010	2.13	0.00141	0.000353	<0.00050	0.507	0.000075
QUL-120a-80m	24/08/16	0.000117	<0.0010	2.04	0.00073	0.000314	<0.00050	0.516	0.000071
QUL-18-0m	20/07/16	0.000098	<0.0010	2.01	0.00209	0.000378	<0.00050	0.468	0.000117
	15/08/16	<0.000050	<0.0010	2.02	0.00106	0.000339	<0.00050	0.488	0.000118
	12/09/16	<0.000050	<0.0010	1.94	0.00096	0.000402	<0.00050	0.472	0.000094
QUL-18-100m	20/07/16	0.00006	<0.0010	2.17	0.00163	0.000774	<0.00050	0.526	0.000159
	15/08/16	0.000208	<0.0010	2.24	0.00127	0.000853	<0.00050	0.565	0.000188
	12/09/16	0.00011	<0.0010	2.15	0.00122	0.000967	<0.00050	0.544	0.000199
QUL-18-20m	20/07/16	0.000078	<0.0010	2.03	0.00097	0.000393	<0.00050	0.473	0.0001
	15/08/16	0.000137	<0.0010	2.04	0.00086	0.000403	<0.00050	0.51	0.000132
	12/09/16	0.000113	0.0012	2.1	0.00087	0.000642	<0.00050	0.574	0.000134
QUL-18-50m	20/07/16	0.000084	<0.0010	2.15	0.00106	0.000608	<0.00050	0.538	0.000136
	15/08/16	0.000119	<0.0010	2.3	0.00152	0.0015	<0.00050	0.613	0.000342
	12/09/16	0.000602	<0.0010	2.15	0.00117	0.000968	<0.00050	0.55	0.000209
QUL-2a-0m	20/07/16	<0.000050	<0.0010	2.02	0.00238	0.000437	<0.00050	0.493	0.000121
	15/08/16	<0.000050	<0.0010	2.01	0.0012	0.000351	<0.00050	0.506	0.00009
	12/09/16	<0.000050	<0.0010	1.95	0.00092	0.000324	<0.00050	0.474	0.000084
QUL-2a-20m	20/07/16	0.000137	<0.0010	2.05	0.00119	0.000392	<0.00050	0.475	0.000105
	15/08/16	0.000216	<0.0010	2.02	0.00106	0.000431	<0.00050	0.516	0.000093

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		Silicon (Si)-Total (mg/L)	Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
QUL-120a-0m	20/07/16	1.69	<0.000010	0.863	0.11	<0.000010	<0.00010	<0.010	0.00014
	24/08/16	1.49	<0.000010	0.879	0.138	<0.000010	<0.00010	<0.010	0.000144
QUL-120a-120	24/08/16	1.73	<0.000010	0.987	0.143	<0.000010	<0.00010	<0.010	0.000152
QUL-120a-140	24/08/16	1.71	<0.000010	0.984	0.14	<0.000010	<0.00010	<0.010	0.000145
QUL-120a-40m	24/08/16	1.78	<0.000010	1.01	0.14	<0.000010	<0.00010	<0.010	0.000147
QUL-120a-80m	24/08/16	1.72	<0.000010	0.971	0.144	<0.000010	<0.00010	<0.010	0.000145
QUL-18-0m	20/07/16	1.8	<0.000010	0.9	0.113	<0.000010	<0.00010	<0.010	0.00014
	15/08/16	1.62	<0.000010	0.947	0.126	<0.000010	<0.00010	<0.010	0.000145
	12/09/16	1.57	<0.000010	0.854	0.129	<0.000010	<0.00010	<0.010	0.000157
QUL-18-100m	20/07/16	1.78	<0.000010	1.12	0.142	<0.000010	<0.00010	<0.010	0.00017
	15/08/16	1.75	<0.000010	1.22	0.147	<0.000010	<0.00010	<0.010	0.000168
	12/09/16	1.83	<0.000010	1.11	0.148	<0.000010	<0.00010	<0.010	0.000172
QUL-18-20m	20/07/16	1.73	<0.000010	0.923	0.137	<0.000010	<0.00010	<0.010	0.000163
	15/08/16	1.66	<0.000010	0.994	0.133	<0.000010	<0.00010	<0.010	0.00015
	12/09/16	1.73	<0.000010	1.06	0.144	<0.000010	<0.00010	<0.010	0.000169
QUL-18-50m	20/07/16	1.79	<0.000010	1.08	0.143	<0.000010	<0.00010	<0.010	0.000177
	15/08/16	1.77	<0.000010	1.44	0.155	<0.000010	<0.00010	<0.010	0.000169
	12/09/16	1.76	<0.000010	1.11	0.143	<0.000010	<0.00010	<0.010	0.000166
QUL-2a-0m	20/07/16	1.88	<0.000010	0.93	0.109	<0.000010	<0.00010	<0.010	0.000138
	15/08/16	1.59	<0.000010	0.959	0.125	<0.000010	<0.00010	<0.010	0.00014
	12/09/16	1.59	<0.000010	0.852	0.131	<0.000010	<0.00010	<0.010	0.00016
QUL-2a-20m	20/07/16	1.75	<0.000010	0.914	0.133	<0.000010	<0.00010	<0.010	0.000165
	15/08/16	1.64	<0.000010	0.999	0.138	<0.000010	<0.00010	<0.010	0.000153

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		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)	Diss-Bismuth (Bi) (mg/L)
QUL-120a-0m	20/07/16	<0.00050	<0.0030	0.0109	<0.00010	0.00012	0.00551	<0.00010	<0.000050
	24/08/16	<0.00050	<0.0030	0.0096	<0.00010	<0.00010	0.00493	<0.00010	<0.000050
QUL-120a-120	24/08/16	<0.00050	<0.0030	0.0047	<0.00010	<0.00010	0.005	<0.00010	<0.000050
QUL-120a-140	24/08/16	<0.00050	<0.0030	0.0046	<0.00010	<0.00010	0.00501	<0.00010	<0.000050
QUL-120a-40m	24/08/16	<0.00050	<0.0030	0.0059	<0.00010	<0.00010	0.00496	<0.00010	<0.000050
QUL-120a-80m	24/08/16	<0.00050	<0.0030	0.0051	<0.00010	<0.00010	0.00501	<0.00010	<0.000050
QUL-18-0m	20/07/16	<0.00050	<0.0030	0.0103	<0.00010	0.0001	0.00524	<0.00010	<0.000050
	15/08/16	<0.00050	<0.0030	0.0108	<0.00010	0.00011	0.00537	<0.00010	<0.000050
	12/09/16	<0.00050	<0.0030	0.0087	<0.00010	0.0001	0.00533	<0.00010	<0.000050
QUL-18-100m	20/07/16	<0.00050	<0.0030	0.0057	<0.00010	<0.00010	0.00515	<0.00010	<0.000050
	15/08/16	<0.00050	<0.0030	0.0067	<0.00010	0.00011	0.00558	<0.00010	<0.000050
	12/09/16	<0.00050	<0.0030	0.0068	<0.00010	0.0001	0.00585	<0.00010	<0.000050
QUL-18-20m	20/07/16	<0.00050	<0.0030	0.0069	<0.00010	<0.00010	0.00504	<0.00010	<0.000050
	15/08/16	<0.00050	<0.0030	0.0076	<0.00010	0.0001	0.0053	<0.00010	<0.000050
	12/09/16	<0.00050	<0.0030	0.0064	<0.00010	<0.00010	0.00556	<0.00010	<0.000050
QUL-18-50m	20/07/16	<0.00050	<0.0030	0.0058	<0.00010	<0.00010	0.00497	<0.00010	<0.000050
	15/08/16	<0.00050	<0.0030	0.0069	<0.00010	0.0001	0.00585	<0.00010	<0.000050
	12/09/16	<0.00050	<0.0030	0.0057	<0.00010	0.0001	0.00566	<0.00010	<0.000050
QUL-2a-0m	20/07/16	<0.00050	<0.0030	0.0121	<0.00010	0.00012	0.00567	<0.00010	<0.000050
	15/08/16	<0.00050	<0.0030	0.01	<0.00010	0.00011	0.00542	<0.00010	<0.000050
	12/09/16	<0.00050	<0.0030	0.0095	<0.00010	0.0001	0.00538	<0.00010	<0.000050
QUL-2a-20m	20/07/16	<0.00050	<0.0030	0.0072	<0.00010	<0.00010	0.00515	<0.00010	<0.000050
	15/08/16	<0.00050	<0.0030	0.0072	<0.00010	<0.00010	0.00533	<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)	Diss-Lead (Pb) (mg/L)
QUL-120a-0m	20/07/16	<0.010	<0.000005	15.8	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	24/08/16	<0.010	<0.000005	16.8	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
QUL-120a-120	24/08/16	<0.010	<0.000005	17.8	<0.00050	<0.00010	0.00072	<0.030	0.00011
QUL-120a-140	24/08/16	<0.010	<0.000005	17.9	<0.00050	<0.00010	0.00072	<0.030	0.000111
QUL-120a-40m	24/08/16	<0.010	<0.000005	17.8	<0.00050	<0.00010	0.00079	<0.030	0.000193
QUL-120a-80m	24/08/16	<0.010	<0.000005	18	<0.00050	<0.00010	0.00073	<0.030	0.000114
QUL-18-0m	20/07/16	<0.010	<0.000005	15.8	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	15/08/16	<0.010	<0.000005	16.4	<0.00050	<0.00010	0.00054	<0.030	<0.000050
	12/09/16	<0.010	<0.000005	16.2	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
QUL-18-100m	20/07/16	<0.010	<0.000005	18.4	<0.00050	<0.00010	0.00095	<0.030	0.000104
	15/08/16	<0.010	<0.000005	18.4	<0.00050	<0.00010	0.00107	<0.030	0.000169
	12/09/16	<0.010	<0.000005	17.9	<0.00050	<0.00010	0.00104	<0.030	0.000144
QUL-18-20m	20/07/16	<0.010	<0.000005	17.4	<0.00050	<0.00010	0.00063	<0.030	0.000166
	15/08/16	<0.010	<0.000005	17	<0.00050	<0.00010	0.00061	<0.030	0.000217
	12/09/16	<0.010	<0.000005	17.1	<0.00050	<0.00010	0.00089	<0.030	0.000182
QUL-18-50m	20/07/16	<0.010	<0.000005	18.3	<0.00050	<0.00010	0.00067	<0.030	0.000134
	15/08/16	<0.010	<0.000005	18.6	<0.00050	<0.00010	0.00091	<0.030	0.000239
	12/09/16	<0.010	<0.000005	17.9	<0.00050	<0.00010	0.00102	<0.030	0.000136
QUL-2a-0m	20/07/16	<0.010	<0.000005	15.5	<0.00050	<0.00010	0.0005	<0.030	<0.000050
	15/08/16	<0.010	<0.000005	16.8	<0.00050	<0.00010	0.00052	<0.030	<0.000050
	12/09/16	<0.010	<0.000005	16.7	<0.00050	<0.00010	0.00052	<0.030	<0.000050
QUL-2a-20m	20/07/16	<0.010	<0.000005	17.3	<0.00050	<0.00010	0.00055	<0.030	0.000259
	15/08/16	<0.010	<0.000005	17.8	<0.00050	<0.00010	0.00077	<0.030	0.000354

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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)	Diss-Silicon (Si) (mg/L)
QUL-120a-0m	20/07/16	<0.0010	1.91	0.0008	0.000343	<0.00050	0.52	0.000098	1.7
	24/08/16	<0.0010	1.9	0.00038	0.000265	<0.00050	0.489	0.00005	1.44
QUL-120a-120	24/08/16	<0.0010	2.06	0.00016	0.000305	<0.00050	0.514	0.00006	1.7
QUL-120a-140	24/08/16	<0.0010	2	0.00016	0.000292	<0.00050	0.487	0.000069	1.68
QUL-120a-40m	24/08/16	<0.0010	2.07	0.00032	0.000349	<0.00050	0.526	0.000073	1.7
QUL-120a-80m	24/08/16	<0.0010	2	0.00019	0.000313	<0.00050	0.489	0.000057	1.69
QUL-18-0m	20/07/16	<0.0010	1.93	0.00073	0.000349	<0.00050	0.455	0.000105	1.71
	15/08/16	<0.0010	2.06	0.00047	0.000331	<0.00050	0.502	0.00008	1.63
	12/09/16	<0.0010	1.91	0.00056	0.000274	<0.00050	0.492	0.000088	1.64
QUL-18-100m	20/07/16	<0.0010	2.14	0.00017	0.000725	<0.00050	0.513	0.000147	1.74
	15/08/16	<0.0010	2.25	0.00025	0.000829	<0.00050	0.564	0.000158	1.78
	12/09/16	<0.0010	2.09	0.00026	0.000857	<0.00050	0.583	0.000241	1.89
QUL-18-20m	20/07/16	<0.0010	2.01	0.00035	0.000352	<0.00050	0.472	0.000095	1.72
	15/08/16	<0.0010	2.07	0.00027	0.000369	<0.00050	0.511	0.000087	1.73
	12/09/16	<0.0010	2.03	0.00013	0.000538	<0.00050	0.545	0.000136	1.85
QUL-18-50m	20/07/16	<0.0010	2.11	0.00013	0.000578	<0.00050	0.505	0.000129	1.74
	15/08/16	<0.0010	2.32	0.00031	0.00144	<0.00050	0.627	0.000292	1.72
	12/09/16	<0.0010	2.09	0.00018	0.000881	<0.00050	0.584	0.000214	1.91
QUL-2a-0m	20/07/16	<0.0010	1.97	0.00092	0.000392	<0.00050	0.486	0.000121	1.83
	15/08/16	<0.0010	2	0.0005	0.000338	<0.00050	0.5	0.000089	1.65
	12/09/16	<0.0010	1.94	0.00023	0.000287	<0.00050	0.5	0.000072	1.67
QUL-2a-20m	20/07/16	<0.0010	2	0.00039	0.000354	<0.00050	0.476	0.000084	1.7
	15/08/16	<0.0010	2.08	0.00027	0.000399	<0.00050	0.532	0.000104	1.69

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		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
QUL-120a-0m	20/07/16	<0.000010	0.887	0.109	<0.000010	<0.00010	<0.010	0.000133	<0.00050
	24/08/16	<0.000010	0.849	0.132	<0.000010	<0.00010	<0.010	0.000134	<0.00050
QUL-120a-120	24/08/16	<0.000010	0.968	0.136	<0.000010	<0.00010	<0.010	0.000141	<0.00050
QUL-120a-140	24/08/16	<0.000010	0.937	0.137	<0.000010	<0.00010	<0.010	0.000144	<0.00050
QUL-120a-40m	24/08/16	<0.000010	1	0.137	<0.000010	<0.00010	<0.010	0.000142	<0.00050
QUL-120a-80m	24/08/16	<0.000010	0.948	0.138	<0.000010	<0.00010	<0.010	0.000143	<0.00050
QUL-18-0m	20/07/16	<0.000010	0.863	0.11	<0.000010	<0.00010	<0.010	0.000132	<0.00050
	15/08/16	<0.000010	0.96	0.121	<0.000010	<0.00010	<0.010	0.000139	<0.00050
	12/09/16	<0.000010	0.935	0.122	<0.000010	<0.00010	<0.010	0.000141	<0.00050
QUL-18-100m	20/07/16	<0.000010	1.07	0.137	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	15/08/16	<0.000010	1.22	0.143	<0.000010	<0.00010	<0.010	0.00016	<0.00050
	12/09/16	<0.000010	1.26	0.139	<0.000010	<0.00010	<0.010	0.000163	<0.00050
QUL-18-20m	20/07/16	<0.000010	0.91	0.131	<0.000010	<0.00010	<0.010	0.000152	<0.00050
	15/08/16	<0.000010	1	0.13	<0.000010	<0.00010	<0.010	0.000147	<0.00050
	12/09/16	<0.000010	1.11	0.13	<0.000010	<0.00010	<0.010	0.000149	<0.00050
QUL-18-50m	20/07/16	<0.000010	1.02	0.144	<0.000010	<0.00010	<0.010	0.000169	<0.00050
	15/08/16	<0.000010	1.45	0.152	<0.000010	<0.00010	<0.010	0.000164	<0.00050
	12/09/16	<0.000010	1.26	0.14	<0.000010	<0.00010	<0.010	0.000156	<0.00050
QUL-2a-0m	20/07/16	<0.000010	0.906	0.106	<0.000010	<0.00010	<0.010	0.000132	<0.00050
	15/08/16	<0.000010	0.945	0.122	<0.000010	<0.00010	<0.010	0.000141	<0.00050
	12/09/16	<0.000010	0.953	0.125	<0.000010	<0.00010	<0.010	0.000143	<0.00050
QUL-2a-20m	20/07/16	<0.000010	0.905	0.13	<0.000010	<0.00010	<0.010	0.00015	<0.00050
	15/08/16	<0.000010	1.02	0.135	<0.000010	<0.00010	<0.010	0.000149	<0.00050

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		Diss-Zinc (Zn) (mg/L)
QUL-120a-0m	20/07/16	<0.0030
	24/08/16	<0.0030
QUL-120a-120	24/08/16	<0.0030
QUL-120a-140	24/08/16	<0.0030
QUL-120a-40m	24/08/16	<0.0030
QUL-120a-80m	24/08/16	<0.0030
QUL-18-0m	20/07/16	<0.0030
	15/08/16	<0.0030
	12/09/16	<0.0030
QUL-18-100m	20/07/16	<0.0030
	15/08/16	<0.0030
	12/09/16	<0.0030
QUL-18-20m	20/07/16	<0.0030
	15/08/16	<0.0030
	12/09/16	<0.0030
QUL-18-50m	20/07/16	<0.0030
	15/08/16	<0.0030
	12/09/16	<0.0030
QUL-2a-0m	20/07/16	<0.0030
	15/08/16	<0.0030
	12/09/16	<0.0030
QUL-2a-20m	20/07/16	<0.0030
	15/08/16	<0.0030

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
QUL-2a-20m	12/09/16	106	51.7	7.85	83	<1.0	0.28	50.5	<0.0050
QUL-2a-40m	20/07/16	112	54.1	7.77	81	<1.0	0.29	51.1	<0.0050
	15/08/16	110	53.9	7.82	70	<1.0	0.24	51.9	<0.0050
	12/09/16	110	50.5	7.83	80	<1.0	0.19	50.2	<0.0050
QUL-2a-60m	20/07/16	113	54.6	7.78	84	<1.0	0.34	51.2	<0.0050
	15/08/16	113	54.4	7.83	65	<1.0	0.31	52.7	<0.0050
	12/09/16	108	49.8	7.85	80	<1.0	0.18	50.5	<0.0050
QUL-58-AT	06/07/16	99.1	47.5	7.92	74	<1.0	0.41	44.6	<0.0050
	01/08/16	102	51.1	7.7	71	<1.0	0.35	46.3	0.0057
	05/09/16	103	49.6	8	54	<1.0	0.3	49.5	<0.0050
QUL-58-B	06/07/16	114	54.4	7.89	88	<1.0	0.31	49.8	<0.0050
	01/08/16	116	56	7.67	78	<1.0	0.31	48.6	<0.0050
	05/09/16	117	54.8	7.87	80	<1.0	0.26	52.3	<0.0050
QUL-58-BT	06/07/16	114	54.3	7.91	89	<1.0	0.28	48.5	<0.0050
	01/08/16	109	52.9	7.67	67	<1.0	0.18	47.7	<0.0050
	05/09/16	112	52.9	7.87	71	<1.0	0.29	51.4	<0.0050
QUL-58-S	06/07/16	98.4	46.7	7.79	87	<1.0	0.3	43.5	<0.0050
	01/08/16	99.4	48.9	7.74	74	<1.0	0.25	44.5	<0.0050
	05/09/16	103	50	7.98	65	1.2	0.32	49.3	<0.0050
QUL-ZOO-1	24/08/16	103	49.9	7.81	81	<1.0	0.23	47.7	<0.0050
QUL-ZOO-7	24/08/16	103	50.2	7.82	75	3.1	0.23	47.7	<0.0050
QUL-ZOO-8-0	24/08/16	102	49.9	7.82	77	<1.0	0.21	48.2	<0.0050

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		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
QUL-2a-20m	12/09/16	<0.50	0.036	0.129	0.129	<0.0010	<0.0010	<0.0020	0.0038
QUL-2a-40m	20/07/16	<0.50	0.036	0.152	0.152	<0.0010	<0.0010	<0.0020	0.0035
	15/08/16	<0.50	0.033	0.142	0.142	<0.0010	<0.0010	<0.0020	<0.0020
	12/09/16	<0.50	0.034	0.14	0.14	<0.0010	<0.0010	<0.0020	0.0058
QUL-2a-60m	20/07/16	<0.50	0.035	0.153	0.153	<0.0010	<0.0010	<0.0020	0.0061
	15/08/16	<0.50	0.034	0.154	0.154	<0.0010	<0.0010	<0.0020	<0.0020
	12/09/16	<0.50	0.037	0.142	0.142	<0.0010	<0.0010	<0.0020	0.0032
QUL-58-AT	06/07/16	<0.50	0.032	0.0664	0.0664	<0.0010	<0.0010	<0.0020	<0.0020
	01/08/16	<0.50	0.03	0.0947	0.0947	<0.0010	<0.0010	<0.0020	0.007
	05/09/16	<0.50	0.034	0.0517	0.0517	<0.0010	<0.0010	<0.0020	0.0028
QUL-58-B	06/07/16	<0.50	0.035	0.145	0.145	<0.0010	<0.0010	<0.0020	<0.0020
	01/08/16	<0.50	0.035	0.179	0.179	<0.0010	<0.0010	<0.0020	<0.0020
	05/09/16	<0.50	0.039	0.197	0.197	<0.0010	0.001	<0.0020	0.0043
QUL-58-BT	06/07/16	<0.50	0.036	0.155	0.155	<0.0010	<0.0010	<0.0020	<0.0020
	01/08/16	<0.50	0.033	0.143	0.143	<0.0010	<0.0010	<0.0020	0.0041
	05/09/16	<0.50	0.039	0.168	0.168	<0.0010	<0.0010	0.002	<0.0020
QUL-58-S	06/07/16	<0.50	0.032	0.0549	0.0549	<0.0010	0.001	<0.0020	<0.0020
	01/08/16	<0.50	0.03	0.064	0.064	<0.0010	<0.0010	<0.0020	<0.0020
	05/09/16	<0.50	0.033	0.0534	0.0534	<0.0010	<0.0010	0.0029	0.0023
QUL-ZOO-1	24/08/16	<0.50	0.034	0.0536	0.0536	<0.0010	<0.0010	<0.0020	<0.0020
QUL-ZOO-7	24/08/16	<0.50	0.035	0.0533	0.0533	<0.0010	<0.0010	<0.0020	<0.0020
QUL-ZOO-8-0	24/08/16	<0.50	0.034	0.0465	0.0465	<0.0010	<0.0010	<0.0020	0.0026

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		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
QUL-2a-20m	12/09/16	6.57	0.171	1.66	0.0137	<0.00010	0.0001	0.00519	<0.00010
QUL-2a-40m	20/07/16	7.48	0.196	1.77	0.0171	<0.00010	0.00011	0.00531	<0.00010
	15/08/16	6.62	0.188	2.14	0.0146	<0.00010	0.00012	0.00538	<0.00010
	12/09/16	6.64	0.18	1.67	0.015	<0.00010	0.00013	0.00526	<0.00010
QUL-2a-60m	20/07/16	7.46	0.199	1.87	0.0206	<0.00010	0.00011	0.00528	<0.00010
	15/08/16	7.54	0.201	1.75	0.0189	<0.00010	0.00013	0.00555	<0.00010
	12/09/16	6.47	0.2	1.56	0.0107	<0.00010	0.00011	0.00526	<0.00010
QUL-58-AT	06/07/16	5.59	0.146	2.22	0.0251	<0.00010	0.00018	0.00585	<0.00010
	01/08/16	5.81	0.235	2.64	0.0252	<0.00010	0.00011	0.00546	<0.00010
	05/09/16	6.41	0.122	1.86	0.0149	<0.00010	0.00011	0.00532	<0.00010
QUL-58-B	06/07/16	7.33	0.187	1.55	0.0221	<0.00010	0.00014	0.00567	<0.00010
	01/08/16	8.87	0.264	2.27	0.0428	0.00011	0.00013	0.00646	<0.00010
	05/09/16	10.1	0.235	1.89	0.0228	<0.00010	0.00011	0.00605	<0.00010
QUL-58-BT	06/07/16	7.95	0.192	1.55	0.0149	<0.00010	0.00013	0.00542	<0.00010
	01/08/16	6.64	0.211	2.18	0.0646	0.00011	0.00014	0.00663	<0.00010
	05/09/16	8.22	0.208	1.81	0.0123	<0.00010	0.00011	0.00548	<0.00010
QUL-58-S	06/07/16	5.5	0.149	2.04	0.0182	<0.00010	0.00014	0.00563	<0.00010
	01/08/16	5.6	0.124	2.27	0.0143	0.00017	0.00013	0.0054	<0.00010
	05/09/16	6.41	0.115	1.82	0.0152	<0.00010	0.00012	0.00519	<0.00010
QUL-ZOO-1	24/08/16	6.06	0.12	1.82	0.0123	0.00013	0.00011	0.00513	<0.00010
QUL-ZOO-7	24/08/16	6.12	0.113	1.82	0.0129	0.00014	<0.00010	0.00505	<0.00010
QUL-ZOO-8-0	24/08/16	6.16	0.109	1.55	0.012	0.00015	<0.00010	0.00501	<0.00010

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		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
QUL-2a-20m	12/09/16	<0.000050	<0.010	<0.000005	17.6	<0.00050	<0.00010	0.00075	<0.030
QUL-2a-40m	20/07/16	<0.000050	<0.010	<0.000005	18.2	<0.00050	<0.00010	0.00086	<0.030
	15/08/16	<0.000050	<0.010	<0.000005	18	<0.00050	<0.00010	0.00089	<0.030
	12/09/16	<0.000050	<0.010	<0.000005	17.9	<0.00050	<0.00010	0.00106	<0.030
QUL-2a-60m	20/07/16	<0.000050	<0.010	<0.000005	18.3	<0.00050	<0.00010	0.00108	<0.030
	15/08/16	<0.000050	<0.010	<0.000005	18.3	<0.00050	<0.00010	0.00106	<0.030
	12/09/16	<0.000050	<0.010	<0.000005	17.9	<0.00050	<0.00010	0.00086	<0.030
QUL-58-AT	06/07/16	<0.000050	<0.010	<0.000005	16.2	<0.00050	<0.00010	0.00099	<0.030
	01/08/16	<0.000050	<0.010	<0.000005	16.9	<0.00050	<0.00010	0.0018	<0.030
	05/09/16	<0.000050	<0.010	<0.000005	17	<0.00050	<0.00010	0.00064	<0.030
QUL-58-B	06/07/16	<0.000050	<0.010	<0.000005	18.3	<0.00050	<0.00010	0.00137	<0.030
	01/08/16	<0.000050	<0.010	0.000005	19	<0.00050	<0.00010	0.00284	0.035
	05/09/16	<0.000050	<0.010	<0.000005	18.4	<0.00050	<0.00010	0.00143	<0.030
QUL-58-BT	06/07/16	<0.000050	<0.010	<0.000005	18	<0.00050	<0.00010	0.00095	<0.030
	01/08/16	<0.000050	<0.010	0.0000066	18	<0.00050	<0.00010	0.00552	0.063
	05/09/16	<0.000050	<0.010	<0.000005	17.6	<0.00050	<0.00010	0.00081	<0.030
QUL-58-S	06/07/16	<0.000050	<0.010	<0.000005	15.6	<0.00050	<0.00010	0.00072	<0.030
	01/08/16	<0.000050	<0.010	<0.000005	16.8	<0.00050	<0.00010	0.0008	<0.030
	05/09/16	<0.000050	<0.010	<0.000005	16.9	<0.00050	<0.00010	0.00076	<0.030
QUL-ZOO-1	24/08/16	<0.000050	<0.010	<0.000005	17.3	<0.00050	<0.00010	0.00061	<0.030
QUL-ZOO-7	24/08/16	<0.000050	<0.010	<0.000005	17	<0.00050	<0.00010	0.00053	<0.030
QUL-ZOO-8-0	24/08/16	<0.000050	<0.010	<0.000005	17.1	<0.00050	<0.00010	0.00051	<0.030

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		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
QUL-2a-20m	12/09/16	0.000315	<0.0010	1.93	0.00121	0.000388	<0.00050	0.489	0.000108
QUL-2a-40m	20/07/16	0.000088	<0.0010	2.11	0.00132	0.000637	<0.00050	0.492	0.000125
	15/08/16	0.000174	<0.0010	2.12	0.00128	0.000447	<0.00050	0.527	0.000114
	12/09/16	0.000202	<0.0010	2.04	0.00129	0.000408	<0.00050	0.502	0.000112
QUL-2a-60m	20/07/16	0.000095	<0.0010	2.13	0.00145	0.000645	<0.00050	0.487	0.000163
	15/08/16	0.000104	<0.0010	2.19	0.00143	0.000762	0.00074	0.552	0.000182
	12/09/16	0.000164	<0.0010	2.02	0.00124	0.000339	<0.00050	0.493	0.000107
QUL-58-AT	06/07/16	0.000133	<0.0010	2.02	0.00247	0.000367	0.00059	0.541	0.000107
	01/08/16	0.000724	0.0012	1.89	0.00162	0.000338	<0.00050	0.491	0.000095
	05/09/16	0.000077	0.0011	1.94	0.00112	0.00031	<0.00050	0.479	0.00011
QUL-58-B	06/07/16	0.000101	0.0014	2.13	0.00117	0.00072	0.00055	0.561	0.000168
	01/08/16	0.000319	0.0013	2.25	0.00203	0.00133	<0.00050	0.586	0.000264
	05/09/16	0.000155	0.0011	2.23	0.00171	0.00149	<0.00050	0.604	0.000342
QUL-58-BT	06/07/16	0.0001	0.0012	2.13	0.00139	0.00085	<0.00050	0.564	0.000179
	01/08/16	0.000445	0.0012	2.09	0.00252	0.000597	<0.00050	0.537	0.000122
	05/09/16	<0.000050	0.001	2.11	0.00096	0.000901	<0.00050	0.548	0.000201
QUL-58-S	06/07/16	<0.000050	0.001	1.94	0.00195	0.000356	0.0006	0.536	0.000105
	01/08/16	<0.000050	0.0012	1.94	0.0012	0.000339	<0.00050	0.477	0.000104
	05/09/16	<0.000050	0.0011	1.9	0.00126	0.000313	<0.00050	0.465	0.000086
QUL-ZOO-1	24/08/16	<0.000050	<0.0010	1.98	0.00095	0.000315	<0.00050	0.483	0.000079
QUL-ZOO-7	24/08/16	<0.000050	<0.0010	1.98	0.00103	0.000304	<0.00050	0.509	0.000065
QUL-ZOO-8-0	24/08/16	<0.000050	<0.0010	1.94	0.00072	0.000291	<0.00050	0.466	0.000077

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		Silicon (Si)-Total (mg/L)	Silver (Ag)-Total (mg/L)	Sodium (Na)-Total (mg/L)	Strontium (Sr)-Total (mg/L)	Thallium (Tl)-Total (mg/L)	Tin (Sn)-Total (mg/L)	Titanium (Ti)-Total (mg/L)	Uranium (U)-Total (mg/L)
QUL-2a-20m	12/09/16	1.73	<0.000010	1.07	0.135	<0.000010	<0.00010	<0.010	0.000168
QUL-2a-40m	20/07/16	1.75	<0.000010	1.03	0.14	<0.000010	<0.00010	<0.010	0.000165
	15/08/16	1.71	<0.000010	1.05	0.14	<0.000010	<0.00010	<0.010	0.000159
	12/09/16	1.74	<0.000010	0.914	0.139	<0.000010	<0.00010	<0.010	0.000165
QUL-2a-60m	20/07/16	1.78	<0.000010	1.01	0.142	<0.000010	<0.00010	<0.010	0.000169
	15/08/16	1.74	<0.000010	1.18	0.143	<0.000010	<0.00010	<0.010	0.00016
	12/09/16	1.77	<0.000010	0.89	0.138	<0.000010	<0.00010	<0.010	0.000167
QUL-58-AT	06/07/16	1.83	<0.000010	0.969	0.114	<0.000010	<0.00010	<0.010	0.000137
	01/08/16	1.6	<0.000010	0.92	0.128	<0.000010	<0.00010	<0.010	0.00015
	05/09/16	1.56	<0.000010	0.94	0.126	<0.000010	<0.00010	<0.010	0.00016
QUL-58-B	06/07/16	1.76	<0.000010	1.09	0.141	<0.000010	<0.00010	<0.010	0.000169
	01/08/16	1.83	<0.000010	1.37	0.154	<0.000010	<0.00010	<0.010	0.000169
	05/09/16	1.81	<0.000010	1.42	0.147	<0.000010	<0.00010	<0.010	0.000173
QUL-58-BT	06/07/16	1.72	<0.000010	1.13	0.141	<0.000010	<0.00010	<0.010	0.000163
	01/08/16	1.84	<0.000010	1.1	0.141	<0.000010	<0.00010	<0.010	0.000163
	05/09/16	1.75	<0.000010	1.21	0.137	<0.000010	<0.00010	<0.010	0.000163
QUL-58-S	06/07/16	1.77	<0.000010	0.932	0.111	<0.000010	<0.00010	<0.010	0.000133
	01/08/16	1.63	<0.000010	0.929	0.124	<0.000010	<0.00010	<0.010	0.000146
	05/09/16	1.55	<0.000010	0.923	0.125	<0.000010	<0.00010	<0.010	0.000155
QUL-ZOO-1	24/08/16	1.58	<0.000010	0.934	0.129	<0.000010	<0.00010	<0.010	0.000137
QUL-ZOO-7	24/08/16	1.56	<0.000010	0.918	0.13	<0.000010	<0.00010	<0.010	0.000138
QUL-ZOO-8-0	24/08/16	1.48	<0.000010	0.868	0.134	<0.000010	<0.00010	<0.010	0.000142

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Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

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		Vanadium (V)-Total (mg/L)	Zinc (Zn)-Total (mg/L)	Diss-Aluminum (Al) (mg/L)	Diss-Antimony (Sb) (mg/L)	Diss-Arsenic (As) (mg/L)	Diss-Barium (Ba) (mg/L)	Diss-Beryllium (Be) (mg/L)	Diss-Bismuth (Bi) (mg/L)
QUL-2a-20m	12/09/16	<0.00050	<0.0030	0.006	<0.00010	0.00011	0.00531	<0.00010	<0.000050
QUL-2a-40m	20/07/16	<0.00050	<0.0030	0.0091	<0.00010	<0.00010	0.00542	<0.00010	<0.000050
	15/08/16	<0.00050	<0.0030	0.0057	<0.00010	0.00011	0.00533	<0.00010	<0.000050
	12/09/16	<0.00050	<0.0030	0.0057	<0.00010	<0.00010	0.00536	<0.00010	<0.000050
QUL-2a-60m	20/07/16	<0.00050	<0.0030	0.0062	<0.00010	<0.00010	0.00517	<0.00010	<0.000050
	15/08/16	<0.00050	<0.0030	0.0065	<0.00010	<0.00010	0.00538	<0.00010	<0.000050
	12/09/16	<0.00050	<0.0030	0.0052	<0.00010	0.00011	0.00527	<0.00010	<0.000050
QUL-58-AT	06/07/16	<0.00050	<0.0030	0.0148	<0.00010	0.00012	0.00562	<0.00010	<0.000050
	01/08/16	<0.00050	0.003	0.0145	<0.00010	<0.00010	0.00579	<0.00010	<0.000050
	05/09/16	<0.00050	<0.0030	0.0086	<0.00010	<0.00010	0.0051	<0.00010	<0.000050
QUL-58-B	06/07/16	<0.00050	<0.0030	0.0064	<0.00010	0.00011	0.00534	<0.00010	<0.000050
	01/08/16	<0.00050	<0.0030	0.0133	<0.00010	0.0001	0.00598	<0.00010	<0.000050
	05/09/16	<0.00050	<0.0030	0.0056	<0.00010	<0.00010	0.00573	<0.00010	<0.000050
QUL-58-BT	06/07/16	<0.00050	<0.0030	0.0067	<0.00010	0.0001	0.00539	<0.00010	<0.000050
	01/08/16	<0.00050	0.0039	0.0105	<0.00010	<0.00010	0.0055	<0.00010	<0.000050
	05/09/16	<0.00050	<0.0030	0.0059	<0.00010	0.0001	0.00547	<0.00010	<0.000050
QUL-58-S	06/07/16	<0.00050	<0.0030	0.0119	<0.00010	0.00012	0.00553	<0.00010	<0.000050
	01/08/16	<0.00050	<0.0030	0.0112	<0.00010	<0.00010	0.00526	<0.00010	<0.000050
	05/09/16	<0.00050	<0.0030	0.0084	<0.00010	<0.00010	0.0051	<0.00010	<0.000050
QUL-ZOO-1	24/08/16	<0.00050	<0.0030	0.0086	<0.00010	<0.00010	0.00522	<0.00010	<0.000050
QUL-ZOO-7	24/08/16	<0.00050	<0.0030	0.009	<0.00010	<0.00010	0.00517	<0.00010	<0.000050
QUL-ZOO-8-0	24/08/16	<0.00050	<0.0030	0.009	<0.00010	<0.00010	0.00485	<0.00010	<0.000050

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Mining Corporation
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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)	Diss-Lead (Pb) (mg/L)
QUL-2a-20m	12/09/16	<0.010	<0.000005	17.4	<0.00050	<0.00010	0.00076	<0.030	0.000338
QUL-2a-40m	20/07/16	<0.010	<0.000005	18.2	<0.00050	<0.00010	0.00071	<0.030	0.000207
	15/08/16	<0.010	<0.000005	18	<0.00050	<0.00010	0.00075	<0.030	0.000257
	12/09/16	<0.010	<0.000005	16.9	<0.00050	<0.00010	0.00106	<0.030	0.000237
QUL-2a-60m	20/07/16	<0.010	<0.000005	18.4	<0.00050	<0.00010	0.00074	<0.030	0.00017
	15/08/16	<0.010	<0.000005	18.1	<0.00050	<0.00010	0.00088	<0.030	0.000217
	12/09/16	<0.010	<0.000005	16.7	<0.00050	<0.00010	0.0009	<0.030	0.000181
QUL-58-AT	06/07/16	<0.010	<0.000005	15.8	<0.00050	<0.00010	0.00085	<0.030	0.000235
	01/08/16	<0.010	0.0000123	17.3	<0.00050	<0.00010	0.00476	<0.030	0.00118
	05/09/16	<0.010	<0.000005	16.7	<0.00050	<0.00010	0.0016	<0.030	0.000138
QUL-58-B	06/07/16	<0.010	<0.000005	18.3	<0.00050	<0.00010	0.00106	<0.030	0.000136
	01/08/16	<0.010	0.0000064	18.8	<0.00050	<0.00010	0.00325	<0.030	0.000443
	05/09/16	<0.010	<0.000005	18.1	<0.00050	<0.00010	0.00096	<0.030	0.000122
QUL-58-BT	06/07/16	<0.010	<0.000005	18.2	<0.00050	<0.00010	0.00083	<0.030	0.000155
	01/08/16	<0.010	0.0000059	17.8	<0.00050	<0.00010	0.0036	<0.030	0.000529
	05/09/16	<0.010	<0.000005	17.6	<0.00050	<0.00010	0.00259	<0.030	0.00009
QUL-58-S	06/07/16	<0.010	<0.000005	15.5	<0.00050	<0.00010	0.00061	<0.030	<0.000050
	01/08/16	<0.010	<0.000005	16.4	<0.00050	<0.00010	0.00052	<0.030	<0.000050
	05/09/16	<0.010	<0.000005	16.7	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
QUL-ZOO-1	24/08/16	<0.010	<0.000005	16.8	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
QUL-ZOO-7	24/08/16	<0.010	<0.000005	16.9	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
QUL-ZOO-8-0	24/08/16	<0.010	<0.000005	16.9	<0.00050	<0.00010	<0.00050	<0.030	<0.000050

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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)	Diss-Silicon (Si) (mg/L)
QUL-2a-20m	12/09/16	<0.0010	1.98	0.00026	0.000358	<0.00050	0.517	0.000096	1.83
QUL-2a-40m	20/07/16	<0.0010	2.1	0.00021	0.000606	<0.00050	0.508	0.00013	1.72
	15/08/16	<0.0010	2.14	0.00025	0.000449	<0.00050	0.541	0.000125	1.71
	12/09/16	<0.0010	2	0.00024	0.000365	<0.00050	0.525	0.0001	1.82
QUL-2a-60m	20/07/16	<0.0010	2.13	0.00022	0.000594	<0.00050	0.493	0.000144	1.75
	15/08/16	<0.0010	2.2	0.00021	0.000738	<0.00050	0.576	0.000143	1.75
	12/09/16	<0.0010	1.99	0.00023	0.000307	<0.00050	0.524	0.000093	1.87
QUL-58-AT	06/07/16	<0.0010	1.98	0.00121	0.000331	0.00054	0.523	0.000096	1.77
	01/08/16	<0.0010	1.94	0.00176	0.00038	<0.00050	0.598	0.000098	1.59
	05/09/16	<0.0010	1.92	0.00033	0.00031	<0.00050	0.483	0.000095	1.5
QUL-58-B	06/07/16	<0.0010	2.13	0.00012	0.000626	<0.00050	0.542	0.00012	1.72
	01/08/16	<0.0010	2.2	0.00092	0.00124	<0.00050	0.605	0.000254	1.73
	05/09/16	<0.0010	2.3	0.00034	0.0014	<0.00050	0.638	0.000306	1.67
QUL-58-BT	06/07/16	0.001	2.13	0.00044	0.000791	<0.00050	0.558	0.000205	1.74
	01/08/16	0.0011	2.04	0.00075	0.000576	<0.00050	0.547	0.000111	1.7
	05/09/16	<0.0010	2.17	0.00025	0.000844	<0.00050	0.597	0.000198	1.68
QUL-58-S	06/07/16	<0.0010	1.92	0.00087	0.000328	0.00054	0.521	0.00008	1.75
	01/08/16	<0.0010	1.89	0.00061	0.00031	<0.00050	0.469	0.00009	1.59
	05/09/16	<0.0010	2.02	0.0003	0.000298	<0.00050	0.493	0.000077	1.51
QUL-ZOO-1	24/08/16	<0.0010	1.91	0.00051	0.000302	<0.00050	0.492	0.000073	1.52
QUL-ZOO-7	24/08/16	<0.0010	1.96	0.00042	0.000294	<0.00050	0.498	0.000078	1.55
QUL-ZOO-8-0	24/08/16	<0.0010	1.9	0.00024	0.000271	<0.00050	0.458	0.000069	1.48

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		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
QUL-2a-20m	12/09/16	<0.000010	1.02	0.132	<0.000010	<0.00010	<0.010	0.000151	<0.00050
QUL-2a-40m	20/07/16	<0.000010	1.03	0.14	<0.000010	<0.00010	<0.010	0.000165	<0.00050
	15/08/16	<0.000010	1.05	0.139	<0.000010	<0.00010	<0.010	0.000157	<0.00050
	12/09/16	<0.000010	1.04	0.129	<0.000010	<0.00010	<0.010	0.00015	<0.00050
QUL-2a-60m	20/07/16	<0.000010	1.02	0.139	<0.000010	<0.00010	<0.010	0.000161	<0.00050
	15/08/16	<0.000010	1.17	0.142	<0.000010	<0.00010	<0.010	0.000158	<0.00050
	12/09/16	<0.000010	1.02	0.127	<0.000010	<0.00010	<0.010	0.000147	<0.00050
QUL-58-AT	06/07/16	<0.000010	0.956	0.111	<0.000010	<0.00010	<0.010	0.000129	<0.00050
	01/08/16	<0.000010	1.01	0.127	<0.000010	<0.00010	<0.010	0.000147	<0.00050
	05/09/16	<0.000010	0.864	0.128	<0.000010	<0.00010	<0.010	0.000141	<0.00050
QUL-58-B	06/07/16	<0.000010	1.06	0.138	<0.000010	<0.00010	<0.010	0.000147	<0.00050
	01/08/16	<0.000010	1.38	0.143	<0.000010	<0.00010	<0.010	0.000164	<0.00050
	05/09/16	<0.000010	1.31	0.149	<0.000010	<0.00010	<0.010	0.000155	<0.00050
QUL-58-BT	06/07/16	<0.000010	1.13	0.14	<0.000010	<0.00010	<0.010	0.000161	<0.00050
	01/08/16	<0.000010	1.1	0.137	<0.000010	<0.00010	<0.010	0.000157	<0.00050
	05/09/16	<0.000010	1.12	0.14	<0.000010	<0.00010	<0.010	0.000149	<0.00050
QUL-58-S	06/07/16	<0.000010	0.909	0.109	<0.000010	<0.00010	<0.010	0.000127	<0.00050
	01/08/16	<0.000010	0.911	0.121	<0.000010	<0.00010	<0.010	0.000141	<0.00050
	05/09/16	<0.000010	0.9	0.128	<0.000010	<0.00010	<0.010	0.000141	<0.00050
QUL-ZOO-1	24/08/16	<0.000010	0.864	0.128	<0.000010	<0.00010	<0.010	0.000131	<0.00050
QUL-ZOO-7	24/08/16	<0.000010	0.9	0.129	<0.000010	<0.00010	<0.010	0.000129	<0.00050
QUL-ZOO-8-0	24/08/16	<0.000010	0.85	0.129	<0.000010	<0.00010	<0.010	0.000134	<0.00050

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		Diss-Zinc (Zn) (mg/L)
QUL-2a-20m	12/09/16	<0.0030
QUL-2a-40m	20/07/16	<0.0030
	15/08/16	<0.0030
	12/09/16	<0.0030
QUL-2a-60m	20/07/16	<0.0030
	15/08/16	<0.0030
	12/09/16	<0.0030
QUL-58-AT	06/07/16	<0.0030
	01/08/16	0.0119
	05/09/16	<0.0030
QUL-58-B	06/07/16	<0.0030
	01/08/16	<0.0030
	05/09/16	<0.0030
QUL-58-BT	06/07/16	<0.0030
	01/08/16	0.0046
	05/09/16	<0.0030
QUL-58-S	06/07/16	<0.0030
	01/08/16	<0.0030
	05/09/16	<0.0030
QUL-ZOO-1	24/08/16	<0.0030
QUL-ZOO-7	24/08/16	<0.0030
QUL-ZOO-8-0	24/08/16	<0.0030

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		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)
QUR-11	11/07/16	100	46.7	7.71	101	<1.0	0.54	44.4	<0.0050
	11/08/16	102	47.9	7.86	69	<1.0	0.5	48.7	<0.0050
	08/09/16	102	51.2	7.9	71	<1.0	0.25	48.5	<0.0050

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		Chloride (mg/L)	Fluoride (mg/L)	Nitrate (N) (mg/L)	Nitrate and Nitrite (mg/L)	Nitrite (N) (mg/L)	Diss-Orthophosphate (mg/L)	Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)
QUR-11	11/07/16	<0.50	0.032	0.0583	0.0583	<0.0010	<0.0010	<0.0020	0.0038
	11/08/16	<0.50	0.034	0.0569	0.0569	<0.0010	<0.0010	<0.0020	0.0026
	08/09/16	<0.50	0.03	0.0532	0.0532	<0.0010	<0.0010	<0.0020	0.0029

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		Sulphate (mg/L)	Total Nitrogen (mg/L)	Dissolved Organic Ca (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)	Barium (Ba)-Total (mg/L)	Beryllium (Be)-Total (mg/L)
QUR-11	11/07/16	5.54	0.140	2.24	0.0261	<0.00010	0.00017	0.00543	<0.00010
	11/08/16	5.92	0.128	2.26	0.0193	<0.00010	0.00013	0.00557	<0.00010
	08/09/16	6.34	0.116	1.98	0.0188	<0.00010	0.00014	0.00533	<0.00010

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		Bismuth (Bi)-Total (mg/L)	Boron (B)-Total (mg/L)	Total Cadmium (mg/L)	Calcium (Ca)-Total (mg/L)	Chromium (Cr)-Total (mg/L)	Cobalt (Co)-Total (mg/L)	Total Copper (mg/L)	Total Iron (mg/L)
QUR-11	11/07/16	<0.000050	<0.010	<0.000005	16.0	<0.00050	<0.00010	0.00151	<0.030
	11/08/16	<0.000050	<0.010	<0.000005	17	<0.00050	<0.00010	0.00094	<0.030
	08/09/16	<0.000050	<0.010	<0.000005	17.4	<0.00050	<0.00010	0.00082	<0.030

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		Total Lead (mg/L)	Lithium (Li)-Total (mg/L)	Magnesium (Mg)-Total (mg/L)	Total Manganese (mg/L)	Total Molybdenum (mg/L)	Nickel (Ni)-Total (mg/L)	Potassium (K)-Total (mg/L)	Total Selenium (mg/L)
QUR-11	11/07/16	0.000703	0.0012	1.94	0.00211	0.000389	<0.00050	0.474	0.000124
	11/08/16	0.000563	0.0012	1.83	0.00142	0.000323	<0.00050	0.495	0.000104
	08/09/16	0.000674	<0.0010	2.02	0.00118	0.000336	<0.00050	0.489	0.000084

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		Silicon (Si)-Total (mg/L)	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)
QUR-11	11/07/16	1.78	<0.000010	0.919	0.115	<0.000010	<0.00010	<0.010	0.000150
	11/08/16	1.65	<0.000010	0.886	0.129	<0.000010	<0.00010	<0.010	0.000154
	08/09/16	1.56	<0.000010	0.904	0.132	<0.000010	<0.00010	<0.010	0.000158

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This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Bismuth (Bi) (mg/L)
QUR-11	11/07/16	<0.00050	<0.0030	0.0121	<0.00010	0.00013	0.00551	<0.00010	<0.000050
	11/08/16	<0.00050	<0.0030	0.0098	<0.00010	<0.00010	0.00526	<0.00010	<0.000050
	08/09/16	<0.00050	<0.0030	0.0102	<0.00010	0.00011	0.00525	<0.00010	<0.000050

Monitoring data report for: Quesnel River



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Lead (Pb) (mg/L)
QUR-11	11/07/16	<0.010	<0.000005	15.6	<0.00050	<0.00010	0.00089	<0.030	0.000643
	11/08/16	<0.010	<0.000005	16.2	<0.00050	<0.00010	0.00063	<0.030	0.000535
	08/09/16	<0.010	<0.000005	17.2	<0.00050	<0.00010	0.00062	<0.030	0.000392

Monitoring data report for: Quesnel River



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	Diss-Silicon (Si) (mg/L)
QUR-11	11/07/16	<0.0010	1.90	0.00083	0.000335	<0.00050	0.490	0.000110	1.71
	11/08/16	<0.0010	1.8	0.00031	0.000316	<0.00050	0.468	0.000094	1.61
	08/09/16	<0.0010	2.01	0.0003	0.000339	<0.00050	0.487	0.000111	1.49

Monitoring data report for: Quesnel River



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		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)	Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)
QUR-11	11/07/16	<0.000010	0.889	0.112	<0.000010	<0.00010	<0.010	0.000130	<0.00050
	11/08/16	<0.000010	0.859	0.124	<0.000010	<0.00010	<0.010	0.000143	<0.00050
	08/09/16	<0.000010	0.9	0.128	<0.000010	<0.00010	<0.010	0.00015	<0.00050

Monitoring data report for: Quesnel River



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Diss-Zinc (Zn) (mg/L)
QUR-11	11/07/16	<0.0030
	11/08/16	<0.0030
	08/09/16	<0.0030

Printed Date: 19/10/2016

Appendix 2

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)
95-R5	22/09/16	1090	613	7.03	537	<0.0050	<2.5	0.12
GW00-1b	26/09/16	926	555	8.12	427	<0.0050	<2.5	<0.10
GW00-3b	28/09/16	457	276	8.08	284	<0.0050	0.99	0.107
GW05-01	18/08/16	569	248	8.2	146	<0.0050	<0.50	0.433
GW11-1a	28/09/16	298	127	8.32	159	<0.0050	<0.50	0.204
GW11-1b	28/09/16	311	153	8.38	180	0.0185	<0.50	0.188
GW11-2a	28/09/16	398	113	11.26	137	0.941	<2.5	0.24
GW11-2b	28/09/16	481	236	8.28	317	1.82	<0.50	0.283
GW12-1a	28/09/16	528	109	7.89	48.4	0.0077	4.12	1.14
GW12-1b	28/09/16	327	168	8.28	157	<0.0050	1.09	0.121
GW12-2a	12/07/16	232	50.8	7.95	43.4	<0.0050	0.66	0.488
	18/08/16	231	46.2	7.92	46	<0.0050	0.64	0.487
	15/09/16	230	48.5	7.99	45.2	<0.0050	0.67	0.508
GW12-2b	12/07/16	660	343	7.81	167	<0.0050	4.27	0.183
	17/08/16	668	324	8.25	173	<0.0050	4.26	0.177
	15/09/16	638	312	8.16	166	<0.0050	4.23	0.195
GW12-3a	26/09/16	886	488	7.8	78.9	<0.0050	<2.5	<0.10
GW12-3b	26/09/16	234	104	8.16	98.4	<0.0050	2.37	0.249
GW12-4a	28/09/16	290	135	8.17	139	0.0291	1.78	0.468
GW12-4b	28/09/16	285	153	8.26	165	<0.0050	0.52	0.193
GW12-5a	26/09/16	301	162	8.29	160	<0.0050	<0.50	0.128
GW14-1	16/08/16	279	126	8.11	164	<0.0050	<0.50	0.067

Printed Date: 24/10/2016

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
95-R5	22/09/16	<0.025	<0.025	<0.0050	<0.0020	0.0049	162	<0.030
GW00-1b	26/09/16	1.11	1.12	0.0123	0.0037	0.0042	169	1.14
GW00-3b	28/09/16	0.0352	0.0352	<0.0010	0.0101	0.16	8.27	0.093
GW05-01	18/08/16	0.151	0.151	<0.0010	<0.0020	<0.0020	157	0.164
GW11-1a	28/09/16	0.142	0.142	<0.0010	0.0298	0.225	20.4	0.171
GW11-1b	28/09/16	0.03	0.0323	0.0023	0.0773	0.138	15.1	0.062
GW11-2a	28/09/16	<0.025	<0.025	<0.0050	0.0046	0.0231	6.9	1.22
GW11-2b	28/09/16	<0.0050	<0.0051	<0.0010	<0.0020	0.823	<0.30	2.25
GW12-1a	28/09/16	<0.0050	<0.0051	<0.0010	0.0924	0.121	206	0.041
GW12-1b	28/09/16	0.213	0.213	<0.0010	0.0159	0.015	41.5	0.22
GW12-2a	12/07/16	<0.0050	<0.0051	<0.0010	0.0181	0.0168	64.1	<0.030
	18/08/16	<0.0050	<0.0051	<0.0010	0.0119	0.0129	62.8	<0.030
	15/09/16	<0.0050	<0.0051	<0.0010	0.0149	0.0155	63.8	<0.030
GW12-2b	12/07/16	2.98	2.98	<0.0010	0.0091	0.0082	166	3
	17/08/16	2.96	2.96	<0.0010	0.0084	0.0082	174	2.98
	15/09/16	2.98	2.98	<0.0010	0.0082	0.0129	169	2.94
GW12-3a	26/09/16	8.17	8.17	0.0069	0.0235	0.0264	402	8.25
GW12-3b	26/09/16	0.23	0.23	<0.0010	0.0277	0.026	28	0.218
GW12-4a	28/09/16	<0.0050	<0.0051	<0.0010	0.0795	0.111	31.9	0.087
GW12-4b	28/09/16	0.0788	0.0788	<0.0010	0.0095	0.0091	10.7	0.09
GW12-5a	26/09/16	<0.0050	<0.0051	<0.0010	0.0027	0.0059	18.4	<0.030
GW14-1	16/08/16	<0.0050	<0.0051	<0.0010	<0.0020	0.0038	0.4	<0.030

Printed Date: 24/10/2016

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
95-R5	22/09/16	<0.0030	<0.00010	0.0082	0.0207	<0.00010	<0.000050	0.061
GW00-1b	26/09/16	<0.0030	<0.00010	0.00055	0.0985	<0.00010	<0.000050	0.054
GW00-3b	28/09/16	<0.0030	<0.00010	0.00091	0.0379	<0.00010	<0.000050	0.02
GW05-01	18/08/16	<0.0030	<0.00010	0.00033	0.00789	<0.00010	<0.000050	0.311
GW11-1a	28/09/16	<0.0030	0.00034	0.00325	0.0029	<0.00010	<0.000050	0.397
GW11-1b	28/09/16	<0.0030	<0.00010	0.00209	0.0192	<0.00010	<0.000050	0.179
GW11-2a	28/09/16	0.893	0.00054	0.0024	0.126	<0.00010	<0.000050	0.061
GW11-2b	28/09/16	0.0038	<0.00010	0.00547	0.0876	<0.00010	<0.000050	0.066
GW12-1a	28/09/16	0.0068	<0.00010	0.00408	0.0263	<0.00010	<0.000050	3.78
GW12-1b	28/09/16	<0.0030	0.00052	0.00166	0.0238	<0.00010	<0.000050	0.139
GW12-2a	12/07/16	0.0046	<0.00010	0.00234	0.00617	<0.00010	<0.000050	0.385
	18/08/16	0.004	<0.00010	0.00218	0.00473	<0.00010	<0.000050	0.366
	15/09/16	0.0045	<0.00010	0.00237	0.00532	<0.00010	<0.000050	0.35
GW12-2b	12/07/16	<0.0030	<0.00010	0.00057	0.0195	<0.00010	<0.000050	0.087
	17/08/16	<0.0030	<0.00010	0.00052	0.0192	<0.00010	<0.000050	0.085
	15/09/16	<0.0030	<0.00010	0.00057	0.0185	<0.00010	<0.000050	0.087
GW12-3a	26/09/16	<0.0030	0.00012	0.00117	0.043	<0.00010	<0.000050	0.12
GW12-3b	26/09/16	<0.0030	0.00014	0.00881	0.00185	<0.00010	<0.000050	0.432
GW12-4a	28/09/16	0.0041	<0.00010	0.00421	0.0301	<0.00010	<0.000050	0.302
GW12-4b	28/09/16	<0.0030	<0.00010	0.00036	0.0123	<0.00010	<0.000050	0.161
GW12-5a	26/09/16	<0.0030	<0.00010	0.00113	0.028	<0.00010	<0.000050	0.024
GW14-1	16/08/16	<0.0030	<0.00010	<0.00010	0.0167	<0.00010	<0.000050	<0.010

Printed Date: 24/10/2016

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
95-R5	22/09/16	0.0000107	203	<0.00050	0.00053	<0.00050	0.545	<0.000050
GW00-1b	26/09/16	0.0000972	119	<0.00050	0.00026	0.00156	<0.030	<0.000050
GW00-3b	28/09/16	0.0000128	70.5	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
GW05-01	18/08/16	<0.0000050	90.3	<0.00050	<0.00010	0.00527	<0.030	<0.000050
GW11-1a	28/09/16	0.0000089	39.3	<0.00050	<0.00010	0.00084	<0.030	<0.000050
GW11-1b	28/09/16	0.0000118	49.1	<0.00050	<0.00010	0.00054	<0.030	<0.000050
GW11-2a	28/09/16	<0.0000050	44.9	<0.00050	<0.00010	0.00232	<0.030	<0.000050
GW11-2b	28/09/16	0.0000055	63.6	<0.00050	0.00025	<0.00050	2.23	<0.000050
GW12-1a	28/09/16	<0.0000050	35.1	<0.00050	<0.00010	<0.00050	0.137	<0.000050
GW12-1b	28/09/16	0.0000228	53.8	<0.00050	<0.00010	0.0235	<0.030	0.0113
GW12-2a	12/07/16	<0.0000050	18.1	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	18/08/16	<0.0000050	16.6	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	15/09/16	<0.0000050	17.4	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
GW12-2b	12/07/16	0.0000073	91.1	<0.00050	<0.00010	0.00081	<0.030	<0.000050
	17/08/16	0.0000052	85.7	<0.00050	<0.00010	0.00081	<0.030	<0.000050
	15/09/16	<0.0000050	83.9	<0.00050	<0.00010	0.00081	<0.030	<0.000050
GW12-3a	26/09/16	0.0000475	129	<0.00050	<0.00010	0.00221	<0.030	<0.000050
GW12-3b	26/09/16	<0.0000050	30.4	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
GW12-4a	28/09/16	<0.0000050	33.9	<0.00050	0.00047	<0.00050	0.195	<0.000050
GW12-4b	28/09/16	0.0000128	45.8	<0.00050	0.00019	<0.00050	<0.030	<0.000050
GW12-5a	26/09/16	<0.0000050	55.3	<0.00050	<0.00010	<0.00050	0.117	<0.000050
GW14-1	16/08/16	<0.0000050	35.9	<0.00050	<0.00010	<0.00050	<0.030	<0.000050

Printed Date: 24/10/2016

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
95-R5	22/09/16	0.0069	26	0.75	0.00766	<0.00050	0.984	<0.000050
GW00-1b	26/09/16	0.0064	62.8	0.854	0.0201	0.00203	1.11	0.00101
GW00-3b	28/09/16	0.0032	24.3	0.0113	0.00294	<0.00050	0.827	0.000097
GW05-01	18/08/16	0.0011	5.4	0.00152	0.00809	<0.00050	0.377	0.00101
GW11-1a	28/09/16	0.0014	6.9	0.00416	0.0428	<0.00050	0.297	0.000931
GW11-1b	28/09/16	<0.0010	7.37	0.194	0.0227	<0.00050	1.09	0.000062
GW11-2a	28/09/16	0.0066	0.19	0.00029	0.00966	0.00301	1.68	0.000304
GW11-2b	28/09/16	<0.0010	18.7	1.77	0.000874	<0.00050	1.53	0.000122
GW12-1a	28/09/16	0.0062	5.2	0.502	0.0215	<0.00050	0.433	0.000118
GW12-1b	28/09/16	0.0038	8.08	0.00254	0.0301	<0.00050	0.545	0.00077
GW12-2a	12/07/16	0.0033	1.33	0.0256	0.0407	<0.00050	0.109	<0.000050
	18/08/16	0.0033	1.16	0.0438	0.0388	<0.00050	0.099	<0.000050
	15/09/16	0.0036	1.23	0.0313	0.0393	<0.00050	0.223	<0.000050
GW12-2b	12/07/16	0.0036	28	<0.00010	0.0219	<0.00050	0.789	0.0111
	17/08/16	0.0037	26.7	0.00025	0.021	<0.00050	0.739	0.0112
	15/09/16	0.0041	24.9	0.00024	0.021	<0.00050	0.807	0.0102
GW12-3a	26/09/16	0.0035	40.4	0.00945	0.0057	0.0007	1.71	0.0853
GW12-3b	26/09/16	0.0015	6.72	0.00044	0.0345	<0.00050	1.47	0.00105
GW12-4a	28/09/16	0.0014	12.2	0.832	0.0638	0.0018	1.81	0.000052
GW12-4b	28/09/16	<0.0010	9.37	0.133	0.0358	<0.00050	1.12	<0.000050
GW12-5a	26/09/16	0.0028	5.71	0.0598	0.012	<0.00050	0.441	<0.000050
GW14-1	16/08/16	0.0015	8.84	0.0961	0.000225	<0.00050	1.71	<0.000050

Printed Date: 24/10/2016

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
95-R5	22/09/16	11.7	<0.000010	7.41	0.514	<0.000010	<0.00010	<0.010
GW00-1b	26/09/16	8.5	<0.000010	25.4	1.86	<0.000010	<0.00010	<0.010
GW00-3b	28/09/16	8.43	<0.000010	11.5	0.634	<0.000010	<0.00010	<0.010
GW05-01	18/08/16	8.44	<0.000010	18.6	0.798	<0.000010	<0.00010	<0.010
GW11-1a	28/09/16	7.52	<0.000010	17.9	0.21	<0.000010	<0.00010	<0.010
GW11-1b	28/09/16	7.11	<0.000010	17.1	0.262	<0.000010	<0.00010	<0.010
GW11-2a	28/09/16	6.36	<0.000010	51.4	0.261	<0.000010	<0.00010	<0.010
GW11-2b	28/09/16	11.8	<0.000010	27.6	0.496	<0.000010	<0.00010	<0.010
GW12-1a	28/09/16	5.51	<0.000010	69.1	1.02	<0.000010	<0.00010	<0.010
GW12-1b	28/09/16	7	<0.000010	8.53	0.186	<0.000010	<0.00010	<0.010
GW12-2a	12/07/16	9.23	<0.000010	27	0.0517	<0.000010	<0.00010	<0.010
	18/08/16	8.77	<0.000010	25.6	0.0513	<0.000010	<0.00010	<0.010
	15/09/16	8.58	<0.000010	26.7	0.0529	<0.000010	<0.00010	<0.010
GW12-2b	12/07/16	7.74	<0.000010	14	0.372	<0.000010	<0.00010	<0.010
	17/08/16	7.54	<0.000010	14.3	0.364	<0.000010	<0.00010	<0.010
	15/09/16	7.33	<0.000010	14.1	0.369	<0.000010	<0.00010	<0.010
GW12-3a	26/09/16	11.1	<0.000010	12.7	0.627	<0.000010	<0.00010	<0.010
GW12-3b	26/09/16	11.2	<0.000010	9.41	0.156	<0.000010	<0.00010	<0.010
GW12-4a	28/09/16	12.6	<0.000010	14.4	0.321	<0.000010	0.00011	<0.010
GW12-4b	28/09/16	5.69	<0.000010	5.09	0.132	<0.000010	<0.00010	<0.010
GW12-5a	26/09/16	7.73	<0.000010	4.58	0.209	<0.000010	<0.00010	<0.010
GW14-1	16/08/16	6.94	<0.000010	6.82	1.25	<0.000010	<0.00010	<0.010

Printed Date: 24/10/2016

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
95-R5	22/09/16	0.000822	<0.00050	<0.0030
GW00-1b	26/09/16	0.00657	0.00113	<0.0030
GW00-3b	28/09/16	0.00226	<0.00050	<0.0030
GW05-01	18/08/16	0.000287	0.00072	0.109
GW11-1a	28/09/16	0.000894	0.00352	<0.0030
GW11-1b	28/09/16	0.00107	<0.00050	<0.0030
GW11-2a	28/09/16	0.000039	0.00605	<0.0030
GW11-2b	28/09/16	0.00006	0.00092	0.0036
GW12-1a	28/09/16	0.000185	<0.00050	<0.0030
GW12-1b	28/09/16	0.000791	0.00134	0.0206
GW12-2a	12/07/16	0.00005	<0.00050	<0.0030
	18/08/16	0.00004	<0.00050	<0.0030
	15/09/16	0.000047	<0.00050	<0.0030
GW12-2b	12/07/16	0.000851	0.00237	<0.0030
	17/08/16	0.000758	0.00236	<0.0030
	15/09/16	0.000823	0.00248	<0.0030
GW12-3a	26/09/16	0.000327	0.00336	0.0036
GW12-3b	26/09/16	0.000147	0.0115	<0.0030
GW12-4a	28/09/16	0.000719	<0.00050	<0.0030
GW12-4b	28/09/16	0.000414	0.00097	<0.0030
GW12-5a	26/09/16	0.000907	<0.00050	<0.0030
GW14-1	16/08/16	0.000352	<0.00050	<0.0030

Printed Date: 24/10/2016

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	Alkalinity (CaCO ₃) (mg/L)	Ammonia (as N) (mg/L)	Chloride (mg/L)	Fluoride (mg/L)
GW15-1a	13/07/16	275	70.9	8.08	63.8	<0.0050	6.42	0.266
	18/08/16	279	70.5	8.03	65.2	<0.0050	6.29	0.263
	15/09/16	277	72.7	8.05	63.1	<0.0050	6.34	0.275
GW15-1b	12/07/16	902	447	7.8	106	<0.0050	25.3	<0.10
	17/08/16	866	404	8.16	123	<0.0050	32.4	<0.10
	15/09/16	820	379	8.08	125	<0.0050	34.2	<0.10
GW15-2a	12/07/16	200	58.7	8.1	61.9	<0.0050	<0.50	0.404
	17/08/16	384	55.4	8.12	96	0.0088	9.79	0.39
	15/09/16	200	56.5	8.08	64.9	<0.0050	<0.50	0.424
GW15-2b	12/07/16	386	155	8	91	0.0063	10.3	0.221
	17/08/16	384	55.4	8.12	96	0.0088	9.79	0.39
	15/09/16	375	142	8.12	95.3	0.0094	10	0.228
GW96-1b	28/09/16	408	181	8.37	228	0.0795	<0.50	0.177
GW96-2a	28/09/16	344	63.1	8.56	192	0.0758	<0.50	0.257
GW96-2b	28/09/16	774	344	8.21	129	0.059	24	0.18
GW96-4b	26/09/16	951	537	8.28	200	0.0075	15.5	<0.10

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
GW15-1a	13/07/16	<0.0050	<0.0051	0.0018	0.0132	0.0179	62.6	0.033
	18/08/16	<0.0050	<0.0051	<0.0010	0.0119	0.0148	63.2	<0.030
	15/09/16	<0.0050	<0.0051	<0.0010	0.0125	0.0166	64.9	<0.030
GW15-1b	12/07/16	2.36	2.4	0.0327	0.0122	0.014	341	2.39
	17/08/16	2.12	2.12	0.0066	0.0114	0.0103	295	2.1
	15/09/16	1.85	1.85	0.0072	0.0125	0.0143	278	1.78
GW15-2a	12/07/16	<0.0050	<0.0051	<0.0010	0.0217	0.0216	36.4	<0.030
	17/08/16	0.696	<0.0051	0.014	0.0189	0.0168	81.5	0.741
	15/09/16	<0.0050	<0.0051	<0.0010	0.0203	0.0229	36.4	<0.030
GW15-2b	12/07/16	0.805	0.821	0.0155	0.0094	0.0132	83	0.857
	17/08/16	0.696	0.71	0.014	0.0189	0.0168	81.5	0.741
	15/09/16	0.649	0.664	0.0148	0.0077	0.0122	82.5	0.676
GW96-1b	28/09/16	0.0231	0.0259	0.0028	0.0089	0.0223	28.8	0.136
GW96-2a	28/09/16	<0.0050	<0.0051	<0.0010	0.0574	0.0557	18.9	0.11
GW96-2b	28/09/16	<0.025	<0.025	<0.0050	0.0343	0.0311	289	0.108
GW96-4b	26/09/16	0.132	0.132	<0.0050	0.0034	0.0096	348	0.197

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
GW15-1a	13/07/16	0.003	<0.00010	0.0045	0.0165	<0.00010	<0.000050	0.364
	18/08/16	0.0082	<0.00010	0.00404	0.0152	<0.00010	<0.000050	0.378
	15/09/16	<0.0030	<0.00010	0.0046	0.0169	<0.00010	<0.000050	0.394
GW15-1b	12/07/16	<0.0030	<0.00010	0.00148	0.0934	<0.00010	<0.000050	0.172
	17/08/16	<0.0030	<0.00010	0.00149	0.0903	<0.00010	<0.000050	0.169
	15/09/16	<0.0030	<0.00010	0.00152	0.0791	<0.00010	<0.000050	0.181
GW15-2a	12/07/16	<0.0030	<0.00010	0.00403	0.0101	<0.00010	<0.000050	0.507
	17/08/16	<0.0030	0.00014	0.00394	0.0408	<0.00010	<0.000050	0.481
	15/09/16	<0.0030	<0.00010	0.00401	0.00928	<0.00010	<0.000050	0.473
GW15-2b	12/07/16	<0.0030	0.00015	0.00212	0.0411	<0.00010	<0.000050	0.235
	17/08/16	<0.0030	0.00014	0.00394	0.0408	<0.00010	<0.000050	0.481
	15/09/16	<0.0030	0.00014	0.0021	0.0409	<0.00010	<0.000050	0.221
GW96-1b	28/09/16	<0.0030	0.00019	0.00575	0.0675	<0.00010	<0.000050	0.055
GW96-2a	28/09/16	<0.0030	<0.00010	0.00489	0.0396	<0.00010	<0.000050	0.133
GW96-2b	28/09/16	<0.0030	<0.00010	0.00163	0.0218	<0.00010	<0.000050	0.066
GW96-4b	26/09/16	<0.0030	<0.00010	0.00131	0.0635	<0.00010	<0.000050	0.091

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
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This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
GW15-1a	13/07/16	<0.0000050	25.4	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	18/08/16	<0.0000050	25.3	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	15/09/16	<0.0000050	25.9	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
GW15-1b	12/07/16	0.0000095	145	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	17/08/16	0.0000091	129	<0.00050	<0.00010	0.00052	<0.030	<0.000050
	15/09/16	0.0000119	124	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
GW15-2a	12/07/16	<0.0000050	18.4	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	17/08/16	<0.0000050	45.8	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	15/09/16	<0.0000050	17.8	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
GW15-2b	12/07/16	<0.0000050	50.3	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	17/08/16	<0.0000050	45.8	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
	15/09/16	<0.0000050	45.8	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
GW96-1b	28/09/16	<0.0000050	38.3	<0.00050	<0.00010	<0.00050	0.081	<0.000050
GW96-2a	28/09/16	<0.0000050	11.6	<0.00050	<0.00010	<0.00050	<0.030	<0.000050
GW96-2b	28/09/16	0.0000165	85.9	<0.00050	<0.00010	0.00096	<0.030	<0.000050
GW96-4b	26/09/16	0.0000106	144	<0.00050	0.00012	<0.00050	0.313	<0.000050

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
GW15-1a	13/07/16	0.0039	1.84	0.0341	0.0263	<0.00050	0.27	<0.000050
	18/08/16	0.0033	1.81	0.0301	0.0256	<0.00050	0.229	<0.000050
	15/09/16	0.0039	1.93	0.0294	0.0256	<0.00050	0.372	0.000067
GW15-1b	12/07/16	0.0046	20.7	0.00155	0.00457	<0.00050	0.567	0.0107
	17/08/16	0.003	19.6	0.00223	0.00443	<0.00050	0.639	0.00845
	15/09/16	0.0043	17.1	0.00309	0.00461	<0.00050	0.711	0.00709
GW15-2a	12/07/16	0.0038	3.09	0.0251	0.0433	<0.00050	0.393	0.000054
	17/08/16	0.0024	6.94	0.0555	0.0437	<0.00050	0.496	0.000353
	15/09/16	0.0033	2.91	0.0255	0.043	<0.00050	0.467	0.000052
GW15-2b	12/07/16	0.004	7.25	0.0541	0.0444	<0.00050	1.21	0.000303
	17/08/16	0.0024	6.94	0.0555	0.0437	<0.00050	0.496	0.000353
	15/09/16	0.0033	6.76	0.057	0.0436	<0.00050	0.553	0.000339
GW96-1b	28/09/16	0.037	20.7	0.0109	0.00296	<0.00050	2.02	<0.000050
GW96-2a	28/09/16	<0.0010	8.31	0.00935	0.00924	<0.00050	1.34	<0.000050
GW96-2b	28/09/16	<0.0010	31.6	0.291	0.111	<0.00050	2.11	0.000071
GW96-4b	26/09/16	0.0126	43	0.222	0.000666	<0.00050	0.571	0.000059

Monitoring data report for: Permitted Groundwater Monitoring Well



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
GW15-1a	13/07/16	8.76	<0.000010	24.2	0.133	<0.000010	<0.00010	<0.010
	18/08/16	9.22	<0.000010	25.8	0.134	<0.000010	<0.00010	<0.010
	15/09/16	9.23	<0.000010	26.9	0.135	<0.000010	<0.00010	<0.010
GW15-1b	12/07/16	8.22	<0.000010	24.6	0.406	<0.000010	<0.00010	<0.010
	17/08/16	8.18	<0.000010	25.6	0.367	<0.000010	<0.00010	<0.010
	15/09/16	7.84	<0.000010	24	0.359	<0.000010	<0.00010	<0.010
GW15-2a	12/07/16	8.5	<0.000010	18.5	0.0391	<0.000010	<0.00010	<0.010
	17/08/16	8.43	<0.000010	19.9	0.162	<0.000010	<0.00010	<0.010
	15/09/16	8.14	<0.000010	18.3	0.0384	<0.000010	<0.00010	<0.010
GW15-2b	12/07/16	6.93	<0.000010	19.8	0.167	<0.000010	<0.00010	<0.010
	17/08/16	8.43	<0.000010	19.9	0.162	<0.000010	<0.00010	<0.010
	15/09/16	6.64	<0.000010	20	0.166	<0.000010	<0.00010	<0.010
GW96-1b	28/09/16	3.15	<0.000010	25	0.382	<0.000010	<0.00010	<0.010
GW96-2a	28/09/16	4.89	<0.000010	62.7	0.334	<0.000010	<0.00010	<0.010
GW96-2b	28/09/16	7.77	<0.000010	42.7	0.69	<0.000010	<0.00010	<0.010
GW96-4b	26/09/16	11.1	<0.000010	23	2.41	<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-Jul-2016 to: 30-Sep-2016

		Diss-Uranium (U) (mg/L)	Diss-Vanadium (V) (mg/L)	Diss-Zinc (Zn) (mg/L)
GW15-1a	13/07/16	0.000148	<0.00050	<0.0030
	18/08/16	0.000127	<0.00050	<0.0030
	15/09/16	0.000115	<0.00050	<0.0030
GW15-1b	12/07/16	0.00116	0.00073	<0.0030
	17/08/16	0.00104	0.00071	<0.0030
	15/09/16	0.00117	0.00072	<0.0030
GW15-2a	12/07/16	0.000163	<0.00050	<0.0030
	17/08/16	0.000286	<0.00050	<0.0030
	15/09/16	0.000147	<0.00050	<0.0030
GW15-2b	12/07/16	0.000326	<0.00050	<0.0030
	17/08/16	0.000286	<0.00050	<0.0030
	15/09/16	0.000311	<0.00050	<0.0030
GW96-1b	28/09/16	0.000109	<0.00050	<0.0030
GW96-2a	28/09/16	0.00099	<0.00050	<0.0030
GW96-2b	28/09/16	0.00151	0.00154	<0.0030
GW96-4b	26/09/16	0.000634	<0.00050	<0.0030

Appendix 3

Monitoring data report for: Bootjack Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	NTU - in situ (ntu)
B1-B	22/08/16	97.4	8.8	0.96	7.5	10		11.322	0.94
B1-S	11/08/16						4.5		
	22/08/16	89.9	89.9	8.37	7.91	0	4	18.843	0.43
B1-5	22/08/16	90.4	88.3	8.18	8.08	5		19.015	0.34
B2-B	22/08/16	94	17.5	1.94	7.99	8		10.64	0.9
B2-S	11/08/16						5		
	22/08/16	90.3	88.2	8.21	8.16	0	4	18.815	0.39
B2-5	22/08/16	90.3	87.8	8.17	8.17	5		18.82	0.34

		Cond (in situ) (µs/cm)	Dissolved Oxygen (in (%))	Dissolved Oxygen (in (mg/L))	pH (in situ) (pH)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
EDC-01	06/07/16	160.2	104.5	9.61	8.213	14.9	0.59
	02/08/16	271	100.5	8.73	8.087	17.7	0.31
	06/09/16	400	102.4	10.01	8.148	11.9	0.21

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	pH (in situ) (pH)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
E11	07/07/16	1135			7.9	16.7	1.98
	18/08/16	1232			8.1	18.5	2.43
	01/09/16	1232			8.101	16	2.45
E11a	06/07/16	1221			8.262	15.6	0.74
	13/07/16	1213			8.155	16.4	0.7
	18/07/16	1177			8.089	17.8	0.55
	25/07/16	1202			8.212	17.2	0.71
	02/08/16	1229			8.217	17.6	0.7
	10/08/16	1225			8.084	19.2	0.22
	17/08/16	1237			8.098	18.7	0.3
	23/08/16	1240			8.255	17.1	0.09
	30/08/16	1236			8.144	14.8	0.47
	06/09/16	1180	104.9	9.08	8.078	17	0.14
	13/09/16	1226			8.062	14.1	0.35
	27/09/16	1227			7.894	14.1	0.2
E19	06/07/16	1216			8.237	16.3	0.62
	13/07/16	12.5			8.26	16.8	0.91
	25/07/16	1206			8.154	18	0.53
	02/08/16	1224			8.196	18.2	0.79
	10/08/16	1225			8.139	19.1	0.53
	17/08/16	1238			8.098	19.3	0.17
	23/08/16	1239			8.164	17.4	1.98
	30/08/16	1220			8.217	16.8	1.43

Printed Date: 26/10/2016

Monitoring data report for: Effluent Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (in (%))	Dissolved Oxygen (in (mg/L))	pH (in situ) (pH)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
E19	06/09/16	1197	106.4	9.49	8.136	15.3	0.23
	13/09/16	1224			8.053	14.8	0.23
	27/09/16	1228			7.947	13.7	0.4
HAD-3	06/07/16	1217			8.244	16.3	0.77
	13/07/16	1215			8.236	16.7	0.41
	20/07/16	1176			8.366	17.1	0.84
	25/07/16	1208			8.151	18	0.77
	02/08/16	1223			8.194	18.3	0.57
	10/08/16	1228			8.109	18.9	0.2
	17/08/16	1238			8.077	19.2	0.27
	23/08/16	1232			8.169	17.4	0.4
	30/08/16	1218			8.12	16.5	0.49
	06/09/16	1196	104.9	9.3	8.073	14.9	0.25
	13/09/16	1225			8.052	14.8	0.31
	27/09/16	1233			7.961	13.5	0.51
	29/09/16	1217			7.93	12.8	1.16

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	pH (in situ) (pH)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
HAC-05a	06/07/16	989	106.9	9.08	8.318	17.8	4.59
	13/07/16	1104			8.166	17.2	13.4
	25/07/16	957			8.369	19.1	1.83
	02/08/16	1151	109.7	9.14	8.327	18.8	0.86
	10/08/16	1115			8.39	20	13.75
	17/08/16	1134			8.264	20.1	58.2
	23/08/16	1148			8.396	18.3	4.41
	30/08/16	1133			8.272	17.1	5.34
	06/09/16	1148	105.9	9.48	8.155	15.1	15.54
	13/09/16	1149			8.25	15.8	14.3
	27/09/16	1173			8.111	13.1	3.98
HAC-08	06/07/16	981	102.3	8.53	8.321	19.7	4.32
	02/08/16	1032	101.5	8.58	8.275	19.2	1.92
	06/09/16	1016	101.8	9.57	8.145	13.8	1.71
HAC-10	06/07/16	284	100.1	8.61	8.287	17.4	0.77
	13/07/16	284			8.185	18.4	1.1
	18/07/16	273			8.392	19.5	1.38
	25/07/16	282			8.204	19.2	1.42
	02/08/16	278	117.9	9.45	8.56	20.9	3.94
	10/08/16	285			8.215	19.5	1.09
	17/08/16	286			8.332	21.4	
	23/08/16	283			8.387	20	0.79
	30/08/16	284			8.378	16.7	2.48

Printed Date: 26/10/2016

Monitoring data report for: Hazeltine Creek



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	pH (in situ) (pH)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
HAC-10	06/09/16	278	102.8	8.87	8.326	16.9	1.1
	13/09/16	289			8.23	13.8	1.79
	27/09/16	291			8.065	11.6	1.78
HAC-12	06/07/16	959	108	9.39	8.169	17.7	3.33
	13/07/16	1041	97.7	9.04	7.877	15	13.79
	25/07/16	932	107.3	9.23	8.128	18.3	4.47
	02/08/16	925	107.2	9.17	8.086	18.7	1.37
	10/08/16	932	109.9	9.41	8.032	18.7	3.04
	17/08/16	987	110.6	9.44	8.186	19.1	2.25-4.40
	23/08/16	932	108.1	9.4	3:05	17.1	1.85
	30/08/16	967	110.1	9.46	8.104	17.6	1.62
	06/09/16	899	101	9.68	7.907	13.1	1.5
	13/09/16	1088			8.107	14.6	2.38
	27/09/16	987	104.5	10.7	8.096	10.8	3.26
HAC-13 - HAC U/S	06/07/16	329	108.9	8.81	8.414	20.1	12.75
	13/07/16	486			8.031	18.5	1725
	25/07/16	317			8.15	20.5	3.86
	02/08/16	396	103.3	8.23	8.241	21.2	1.22
	10/08/16	369			8.319	23.5	6.72
	17/08/16	747			7.967	20.4	753Au
	23/08/16	334			8.116	19.3	1678Au
	30/08/16	310			8.179	16.8	68
	06/09/16	312	111.2	9.25	8.414	18.6	24.9
	13/09/16	436			8.096	16	1094
	27/09/16	384			7.982	12	3.61

Printed Date: 26/10/2016

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (in %)	Dissolved Oxygen (in mg/L)	pH (in situ) (pH)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
W1	07/07/16	116			7.68	14.1	1.7
	04/08/16	121.9			7.782	15.7	2.38
	08/09/16	400			7.787	9.4	12.64
W10	04/07/16	158.1			8.048	12.2	0.414
	02/08/16	189.3	100.5	9.61	8.105	13.2	0.18
	06/09/16	330			8.048	9.2	0.15
W12	14/07/16	166			7.6	12.8	0.86
	26/07/16	196			7.677	17.1	0.87
	04/08/16	221			7.37	17.7	1.96
	06/08/16	218			7.385	15.7	0.81
	21/08/16	267			7.532	14.2	1.07
	31/08/16	234			7.677	15.1	1.31
	16/09/16	212			7.868	9.5	0.64
W20 Creek	16/08/16	365			7.705	14.2	2.81
W4a	07/07/16	330			8.3	12.1	0.73
	07/08/16	375			8.368	10.3	0.49
	18/08/16	380			8.356	10.5	0.69
	15/09/16	375			8.385	9.2	0.51
	19/09/16	420			8.062	7.9	4.4
	27/09/16	368			8.241	8.5	0.77
W5	05/07/16	107			8.1	10.4	4.87
	13/07/16	103			8	11.9	5.12
	07/08/16	201			8.047	12.9	0.54

Printed Date: 26/10/2016

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Cond (in situ) (µs/cm)	Dissolved Oxygen (in (%))	Dissolved Oxygen (in (mg/L))	pH (in situ) (pH)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
W5	01/09/16	263			7.872	11.1	0.4
	19/09/16	105.2			7.598	8.3	6.48
	27/09/16	123.2			7.589	7.1	2.58
W8	04/08/16	423			8.243	11.7	0.28
	19/09/16	201			7.753	8.4	1.79
	27/09/16	240			7.861	7.4	0.93
W8z	04/08/16	96.8			6.515	11.7	0.57

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	NTU - in situ (ntu)
P1-B	04/07/16	268.9	46.9	5.89	7.51	28		5.616	0.22
	23/08/16	268.9	27.2	3.4	7.26	26		5.796	0.87
	07/09/16	269.3	20.7	2.58	7.27	28		5.835	1.34
P1-S	04/07/16	261.9	94.9	8.86	8.45	0	7.6	18.661	0
	23/08/16	263.4	88.8	8.29	8.23	0	7.75	18.697	0.05
	07/09/16	263.6	86.3	8.49	8.32	0	7.5	16.122	0.16
P1-10	04/07/16	266.7	71	8.33	7.99	10		8.291	0.03
	23/08/16	282.2	63.4	7.21	8.01	10		9.668	0.19
	07/09/16	266.8	58.6	6.34	7.95	10		11.782	0.19
P1-15	04/07/16	266.7	62.3	7.64	7.741	15		6.556	0.18
	23/08/16	266	55.8	6.71	7.59	15		7.316	0.19
	07/09/16	267.5	43.1	5.23	7.51	15		7.032	0.56
P1-20	04/07/16	268.8	50.1	6.29	7.59	20		5.655	0.21
	23/08/16	268.5	33.2	4.15	7.39	20		5.883	0.62
	07/09/16	269	24.5	3.06	7.35	20		5.867	0.86
P1-5	04/07/16	262	94.6	8.84	8.42	5		18.599	0
	23/08/16	263.4	88.4	8.25	8.24	5		18.679	0.05
	07/09/16	263.5	85.8	8.44	8.32	5		16.132	0.14
P2-B	04/07/16	268.7	48.1	6.03	7.57	27		5.653	0.21
	23/08/16	268.9	27	3.38	7.33	27		5.781	0.98
	07/09/16	269.2	20.9	2.61	7.34	27		5.844	1.67
P2-S	04/07/16	261.6	94.7	8.87	8.47	0	7	18.49	0
	23/08/16	262.9	92.2	8.59	8.3	0	7.9	18.761	0.19

Printed Date: 26/10/2016

Monitoring data report for: Polley Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	NTU - in situ (ntu)
P2-S	07/09/16	267.1	87.6	8.6	8.37	0	8.6	16.266	0.09
P2-10	04/07/16	271.1	74.9	8.46	8.136	10		9.927	0
	23/08/16	280.2	69.5	7.41	8.14	10		12.357	0.3
	07/09/16	266.4	64.2	6.65	8.02	10		13.735	0.1
P2-15	04/07/16	266.8	66.1	8.02	7.87	15		6.995	0.27
	23/08/16	267.1	52.3	6.32	7.68	15		7.163	0.41
	07/09/16	268.3	47.5	5.7	7.63	15		7.436	1.49
P2-20	04/07/16	268	55.4	6.92	7.7	20		5.828	0.16
	23/08/16	267.9	40.3	5.01	7.48	20		6.03	0.48
	07/09/16	268.3	33.1	4.1	7.47	20		6.079	0.88
P2-5	04/07/16	269.9	92.1	8.86	8.47	5		16.93	0
	23/08/16	263.4	88.9	8.3	8.31	5		18.656	0.19
	07/09/16	263.5	86.7	8.52	8.37	5		16.192	0.1

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	NTU - in situ (ntu)
QUL-120a-0m	20/07/16	93.1	95.8	8.93	8.16	0		18.714	0.04
	24/08/16	102.7	91.2	8.64	8.39	0	11.6	17.714	0.94
QUL-120a-120	24/08/16	108.6	97.3	11.21	7.85	120		8.67	0.28
QUL-120a-140	24/08/16	107.1	92.2	11.09	7.96	140		6.502	0
QUL-120a-40m	24/08/16	104.4	83.7	10.8	7.55	40		4.591	0.33
QUL-120a-80m	24/08/16	104.5	83.6	10.96	7.39	80		3.951	0.23
QUL-18-0m	20/07/16	90.4	85.5	10.18	8.47	0	6	18.419	7.14
	15/08/16	98.8	84.4	7.67	8.2	0	9.4	20.046	0.17
	12/09/16	101.3	93.2	9.43	8.01	0	13.5	14.813	0.27
QUL-18-100m	20/07/16	107	84.9	10.97	7.68	100		4.517	0.25
	15/08/16	107.7	78	10.1	7.53	100		4.459	0.25
	12/09/16	111.1	80.8	10.41	7.42	100		4.631	0.37
QUL-18-20m	20/07/16	101.2	85.5	10.18	7.97	20		7.705	0
	15/08/16	102.3	79.8	9.79	7.9	20		6.463	0.1
	12/09/16	106.9	81.8	10.21	7.93	20		5.861	0.2
QUL-18-50m	20/07/16	105.9	84	10.77	7.81	50		4.824	0.17
	15/08/16	109.1	78.3	10.01	7.64	50		4.925	0.3
	12/09/16	110.7	81.4	10.4	7.65	50		5.003	0.37
QUL-2a-0m	20/07/16	95.1	96.1	8.94	8.35	0		18.859	0.47
	15/08/16	99	89	8.03	8.05	0	10.3	20.324	0.26
	12/09/16	102.3	92.3	9.33	7.67	0	13.5	14.818	0.17
QUL-2a-20m	20/07/16	102.2	86	10.5	7.89	20		6.684	0.08
	15/08/16	102.9	79.6	9.88	7.95	20		6.098	0.2

Printed Date: 26/10/2016

Monitoring data report for: Quesnel Lake



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)	NTU - in situ (ntu)
QUL-2a-20m	12/09/16	105.2	80.7	9.91	7.86	20		6.281	0.18
QUL-2a-40m	20/07/16	106.1	84.7	10.86	7.82	40		4.839	0.13
	15/08/16	104.3	78.4	10.06	7.67	40		4.815	0.28
	12/09/16	106.2	82.1	10.44	7.64	40		5.146	0.26
QUL-2a-60m	20/07/16					60			
	15/08/16	106.6	77.9	10.01	7.53	60		4.764	0.23
	12/09/16	108	81.5	10.48	7.26	60		4.732	0.3
QUL-58-AT	06/07/16	102.4	88.6	8.92	7.99	5		14.401	0
	01/08/16	99.2	90.1	9.79	8	7		11.523	0
	05/09/16	100.4	93.5	9.19	8.11	5		16.189	0.17
QUL-58-B	06/07/16	108.7	83.8	10.85	7.65	68		4.464	0
	01/08/16	108.4	82.5	10.63	7.7	67		4.667	0
	05/09/16	111.1	83.2	10.63	7.72	65		4.96	0.34
QUL-58-BT	06/07/16	109.8	85.7	10.84	7.72	21		5.352	0
	01/08/16	104.9	84.2	10.6	7.76	24		5.577	0
	05/09/16	108.5	84.1	10.68	7.71	30		5.232	0.27
QUL-58-S	06/07/16	93.8	93	8.8	8.06	0	8.5	18.049	0.63
	01/08/16	96.1	89.7	8.64	7.83	0	8.5	17.153	2.23
	05/09/16	99.9	95.4	9.38	7.97	0	11.5	16.177	0.23
QUL-ZOO-1	24/08/16	95.8	90.2	8.26	8.26	0		19.31	0.02
QUL-ZOO-7	24/08/16	95.7	89.5	8.39	8.1	0	9.5	18.639	0.06
QUL-ZOO-8-0	24/08/16	97.8	95.1	8.98	8.08	0	11.75	18.209	0.02

Printed Date: 26/10/2016

Monitoring data report for: Quesnel River



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Cond (in situ) ($\mu\text{s}/\text{cm}$)	pH (in situ) (pH)	Temp (in situ) (Degrees Celcius)	NTU - in situ (ntu)
QUR-11	11/07/16	205	8.289	17.3	0.42
	11/08/16	121.8	8.914	18.7	0.56
	08/09/16	112.4	8.108	14.3	0.32

Printed Date: 26/10/2016

Appendix 4

Monitoring data report for: Permitted Hydrology Sites



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Q (m ³ /s)	Staff Gauge (m)
H1 Up HAC Hydrology	13/07/16	0.3157	0.489
	21/07/16	0.4073	0.516
	05/08/16	0.2819	0.488
	11/08/16	0.49	0.568
	23/08/16		0.491
	11/09/16	0.3293	0.494
	17/09/16	0.186	0.242
H2 Low HAC Hydrology	04/07/16	0.4335	0.486
	21/07/16	0.407	0.49
	05/08/16	0.3337	0.46
	19/08/16	0.3373	0.452
	02/09/16	0.3108	0.458
	16/09/16	0.3281	0.46
H3 Low EDC Hydrology	13/07/16	0.6422	0.631
	21/07/16	0.5692	0.603
	10/08/16	0.0326	0.397
	14/08/16	0.0153	0.376
	02/09/16	0.0121	0.359

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Q (m ³ /s)	Staff Gauge (m)
W1b - Morehead Creek	14/07/16	0.855	0.228
	28/07/16	0.0681	0.202
	04/08/16		0.171
	06/08/16	0.0333	0.162
	21/08/16	0.0142	0.123
	31/08/16	0.0039	
	16/09/16	0.0031	0.086
W4a	07/07/16	0.00154	
	21/07/16	0.00171	
	07/08/16	0.00085	
	18/08/16	0.00061	
	15/09/16	0.00063	
W5	05/07/16		0.131
	13/07/16	0.009	0.126
	26/07/16		0.08
	07/08/16		0.054
W12	14/07/16	0.0747	0.72
	26/07/16	0.0112	0.662
	04/08/16		0.635
	06/08/16	0.0059	0.64
	21/08/16	0.019	0.626
	31/08/16	0.0017	

Printed Date: 24/10/2016

Monitoring data report for: Permitted Surface Water Quality Site



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Q (m ³ /s)	Staff Gauge (m)
W12	16/09/16		0.64

Appendix 5

Monitoring data report for: Field Blanks



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
Field Blank	04/08/16	<2.0		5.24	<10	<1.0	<0.10	<1.0
QUL-18-FB	20/07/16	<2.0	<0.50	5.2	<10	<1.0	<0.10	<1.0
QUR-FB	08/09/16	<2.0		5.45	<10	<1.0	<0.10	<1.0

		Conductivity (µs/cm)	Hardness (mg/L)	pH (pH)	TDS (mg/L)	TSS (mg/L)	NTU (ntu)	Alkalinity (CaCO ₃) (mg/L)
HAC-TB	02/08/16	<2.0	<0.50	5.08	<10	1.7	<0.10	<1.0
Travel Blank	05/07/16	<2.0		5.48	<10	<1.0	<0.10	<1.0
	01/09/16	<1.0		5.53	<10	<1.0	<0.10	<1.0

Monitoring data report for: Field Blanks



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
Field Blank	04/08/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010
QUL-18-FB	20/07/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010
QUR-FB	08/09/16	<0.0050	<0.50	<0.020	<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)
HAC-TB	02/08/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010
Travel Blank	05/07/16	0.0059	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010
	01/09/16	<0.0050	<0.50	<0.020	<0.0050	<0.0051	<0.0010	<0.0010

Monitoring data report for: Field Blanks



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
Field Blank	04/08/16	<0.0020	<0.0020	<0.30	<0.030	<0.50	<0.0030	<0.00010
QUL-18-FB	20/07/16	<0.0020	0.0024	<0.30	<0.030	<0.50	<0.0030	<0.00010
QUR-FB	08/09/16	<0.0020	<0.0020	<0.30	<0.030	<0.50	<0.0030	<0.00010

		Diss-Phosphorus (mg/L)	Total Phosphorus (mg/L)	Sulphate (mg/L)	Total Nitrogen (mg/L)	Total Aluminum (mg/L)	Antimony (Sb)-Total (mg/L)	Arsenic (As)-Total (mg/L)
HAC-TB	02/08/16	<0.0020	<0.0020	<0.30	<0.030	<0.0030	<0.00010	<0.00010
Travel Blank	05/07/16	<0.0020	<0.0020	<0.30	<0.030	<0.0030	<0.00010	<0.00010
	01/09/16	<0.0020	<0.0020	<0.30	<0.030	<0.0030	<0.00010	<0.00010

Monitoring data report for: Field Blanks



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
Field Blank	04/08/16	<0.00010	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050
QUL-18-FB	20/07/16	<0.00010	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050
QUR-FB	08/09/16	<0.00010	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050

		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)	Chromium (Cr)-Total (mg/L)
HAC-TB	02/08/16	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050	<0.00050
Travel Blank	05/07/16	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050	<0.00050
	01/09/16	<0.000050	<0.00010	<0.000050	<0.010	<0.0000050	<0.050	<0.00050

Monitoring data report for: Field Blanks



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
Field Blank	04/08/16	<0.00050	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10
QUL-18-FB	20/07/16	<0.00050	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10
QUR-FB	08/09/16	<0.00050	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10

		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)	Total Manganese (mg/L)
HAC-TB	02/08/16	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10	<0.00010
Travel Blank	05/07/16	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10	<0.00010
	01/09/16	<0.00010	<0.00050	<0.030	<0.000050	<0.0010	<0.10	<0.00010

Monitoring data report for: Field Blanks



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
Field Blank	04/08/16	<0.00010	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010
QUL-18-FB	20/07/16	<0.00010	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010
QUR-FB	08/09/16	<0.00010	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010

		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)	Sodium (Na)-Total (mg/L)
HAC-TB	02/08/16	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010	<0.050
Travel Blank	05/07/16	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010	<0.050
	01/09/16	<0.000050	<0.00050	<0.050	<0.000050	<0.050	<0.000010	<0.050

Monitoring data report for: Field Blanks



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-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)
Field Blank	04/08/16	<0.050	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050
QUL-18-FB	20/07/16	<0.050	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050
QUR-FB	08/09/16	<0.050	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050

		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)	Zinc (Zn)-Total (mg/L)
HAC-TB	02/08/16	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050	<0.0030
Travel Blank	05/07/16	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050	<0.0030
	01/09/16	<0.00020	<0.000010	<0.00010	<0.010	<0.000010	<0.00050	<0.0030

Monitoring data report for: Field Blanks



Mount Polley
Mining Corporation
IMPERIAL METALS CORPORATION

This report covers the period from: 1-Jul-2016 to: 30-Sep-2016

		Zinc (Zn)-Total (mg/L)
Field Blank	04/08/16	<0.0030
QUL-18-FB	20/07/16	<0.0030
QUR-FB	08/09/16	<0.0030

Printed Date: 24/10/2016

Appendix 6

Appendix 6
Site Water Balance Update

Q3

Item	Description ¹	Change over Quarter
Springer Pit Elevation (m)	1,026.42	-11.53
Springer Pit Volume (m ³) - Total	8,953,767	-2,644,344
Springer Pit Volume (m ³) - Tailings + Interstitial Water	3,609,362	0
TSF Elevation (m)	948	9
TSF Volume (m ³) - Total	1,632,864	1,566,944
TSF Volume (m ³) - Tailings + Interstitial Water	1,303,136	1,273,119
Total Free Water Volume (Springer + TSF)	5,674,134	-2,521,972
Total Water Discharged (m ³)	2,252,554	-
Weather Statistics - Q3 Actual	Mean Temperature = 13.2°C	-
	Snowmelt = 0 mm	
	Snowpack = 0 mm	
	Rainfall = 187.2 mm	
Weather Statistics – Q3 Average	Mean Temperature = 13.8°C	-
	Snowpack = 0 mm	
	Rainfall = 123.9 mm	

Notes:

1) Elevations for end of quarter

