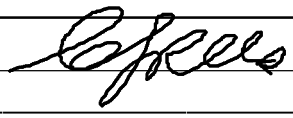
BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	**TOTAL COST**
2009 Diamond drilling program, Claim 512141, Mount Polley Property	$312,840

AUTHOR(S) Chris Rees SIGNATURE(S) 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-10-206 YEAR OF WORK 2009

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4446293 / 2010, Jan 05

PROPERTY NAME Mount Polley Property

CLAIM NAME(S) (on which work was done) 512141

COMMODITIES SOUGHT Copper, Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 093A 160

MINING DIVISION Cariboo Mining Division NTS 093A / 12E

LATITUDE 52 ° 34 ' 17 " LONGITUDE 121 ° 38 ' 41 " (at centre of work)

OWNER(S)

1) Mount Polley Mining Corporation 2)

MAILING ADDRESS

200 - 580 Hornby Street, Vancouver, BC V6C 3B6

OPERATOR(S) [who paid for the work]

1) Imperial Metals Corporation 2)

MAILING ADDRESS

200 - 580 Hornby Street, Vancouver, B.C., V6C 3B6

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Monzonite, hydrothermal breccia, Late Triassic, Quesnellia, Central Quesnel Belt, Nicola Group, Mount Polley Complex, potassic/calc-potassic/magnetite alteration, porphyry copper mineralization, chalcopyrite, disseminated/vein, irregular

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 29118

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	1,733.4 metres, 7 holes, NQ, (plus support costs)	512141	$261,440
Non-core			
RELATED TECHNICAL			
Sampling/assaying		512141	$45,000
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail	Drill sites	512141	$6,400
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$312,840

ASSESSMENT REPORT

ON THE

2009 DIAMOND DRILLING PROGRAM

ON

CLAIM 512141

MOUNT POLLEY PROPERTY,
NEAR LIKELY, B.C.

CARIBOO MINING DIVISION

NTS 93A/12E

LATITUDE 52° 34' 17''
LONGITUDE 121° 38' 41''

UTM 591844E, 5825467N,
Zone 10 (NAD 83)

OWNER:

MOUNT POLLEY MINING CORPORATION
Box 12
Likely, B.C. V0L 1N0

OPERATOR:

IMPERIAL METALS CORPORATION
200-580 Hornby Street,
Vancouver, B.C. V6C 3B6

By: Chris Rees, P.Geo.

Date: April 20, 2010

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SUMMARY

In 2009, a drilling program was conducted by Imperial Metals Corporation on claim 512141, immediately adjacent to the mining lease of the Mount Polley mine, which is near Likely, B.C. The claim was optioned from Valley High Ventures Ltd. Subsequently the claim became part of the Mount Polley property.

The program was designed to explore porphyry copper mineralization in the Boundary zone, an area of mineralized monzonitic intrusives and hydrothermal breccias which originally straddled the boundary between the two properties. Additional subsurface information and an enlarged land position were required to exploit the economic potential of the zone by Mount Polley mining operations.

The drilling amounted to 1,733 metres over seven vertical and angle holes, with a maximum depth below surface of around 400 metres. Rock types and mineralization typical of the western end or periphery of the Boundary zone were intersected, with generally sporadic, low to moderate copper-gold grades, concentrated in the most brecciated rocks. Isolated assays of high-grade copper in the 1 to 2% range were encountered. Gold values were generally low.

1. INTRODUCTION

The Mount Polley property is owned by Mount Polley Mining Corporation, a wholly-owned subsidiary of Imperial Metals Corporation ('Imperial') of Vancouver, B.C. , who act as the operator with respect to exploration activity on the property.

The principal concern of the property is the Mount Polley mine. The mine opened in 1997 and ran until 2001, at which time operations were suspended due to adverse economic conditions. The mine re-opened in 2004-2005 after a recovery in metal prices and the discovery of a new, high-grade deposit.

Exploration conducted by Imperial has continued throughout the property since 2004, focussed on discovering new porphyry copper-gold zones or expanding historically known prospects with the objective of providing mill feed for the operation.

One zone of interest occurs at the northern limit of the mining lease and originally straddled the boundary with an adjacent property owned by Valley High Ventures Ltd. of Vancouver. The mineralized zone, historically known as the Lloyd-Nordik or Lloyd zone and more recently called the Boundary zone by Imperial, has been explored by trenching and drilling for many years. Drilling by Imperial in the Boundary zone since 2004 has established a significant resource with potential for open-pit mining. The zone had advanced to the point where a deal with Valley High Ventures Ltd. became necessary to explore the limits of the zone across the property boundary, and establish economic terms by which it might be developed for mutual benefit. This assessment report describes the 2009 drilling program resulting from the option agreement negotiated between the two parties.

2. LOCATION, ACCESS AND PHYSIOGRAPHY

The Mount Polley mine is 56 km northeast of Williams Lake, in the Cariboo region of British Columbia (Fig. 1). It is accessible by following the Likely Road from 150 Mile House on Highway 97, and then via the 12-km long Bootjack Forest access road which turns off the Likely Road 13 km west of the village of Likely (Fig. 2).

The area of drilling, the Boundary zone, is accessible through the mine site, or from the Bootjack Forest access road, although a gate is in place to restrict public access.

Physiography

The property is situated along the eastern margin of the low-lying Fraser Plateau of the British Columbia interior, flanked to the east by the Quesnel Highlands, and the Cariboo Mountains beyond. The mine buildings and existing open pits occupy the highest ground, near the centre of the property, halfway between Bootjack Lake to the west, and Polley Lake to the east. The highest point is Mount Polley or Polley Mountain (1,266 metres). The terrain slopes away from Polley Mountain into subdued topography composed of moraines, till sheets and other fluvioglacial landforms. The largest drainage

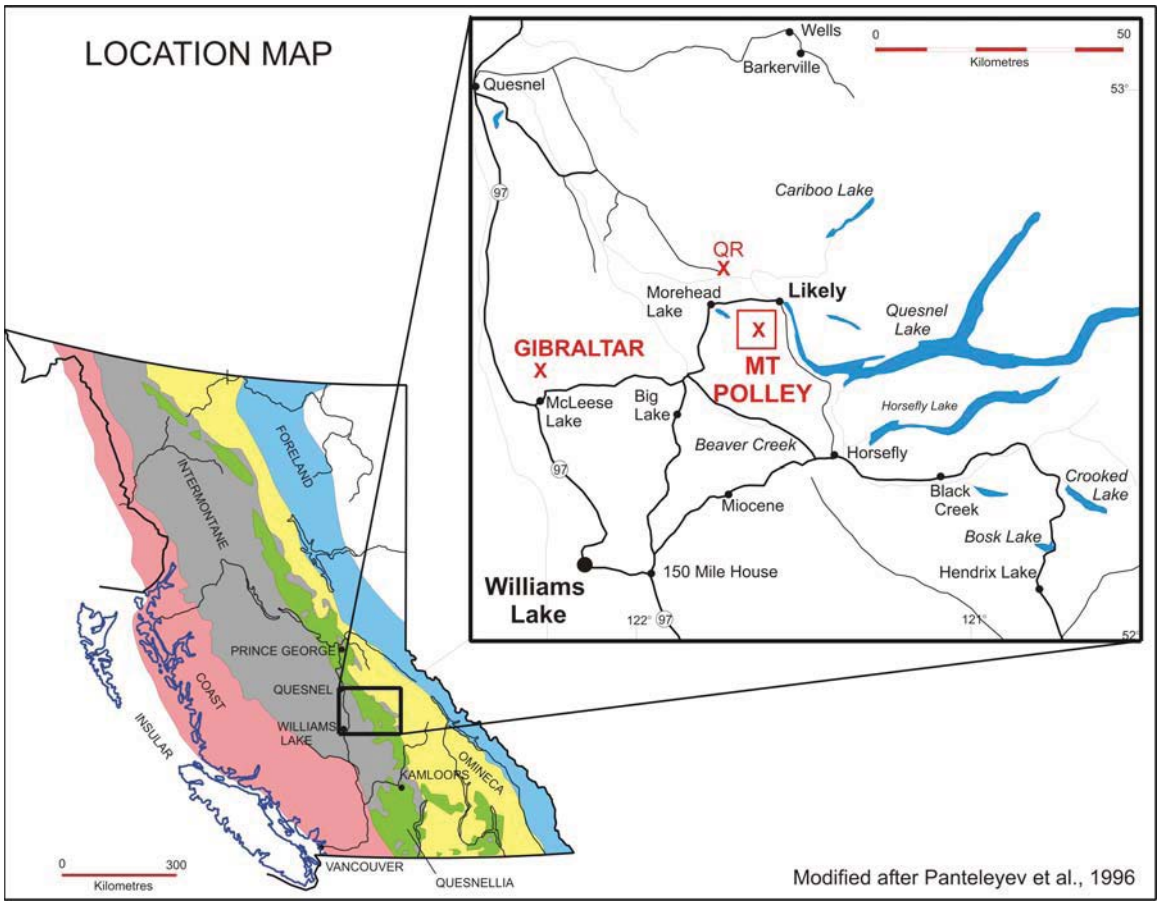

Fig. 1: Location of the Mount Polley property in the Canadian Cordillera.

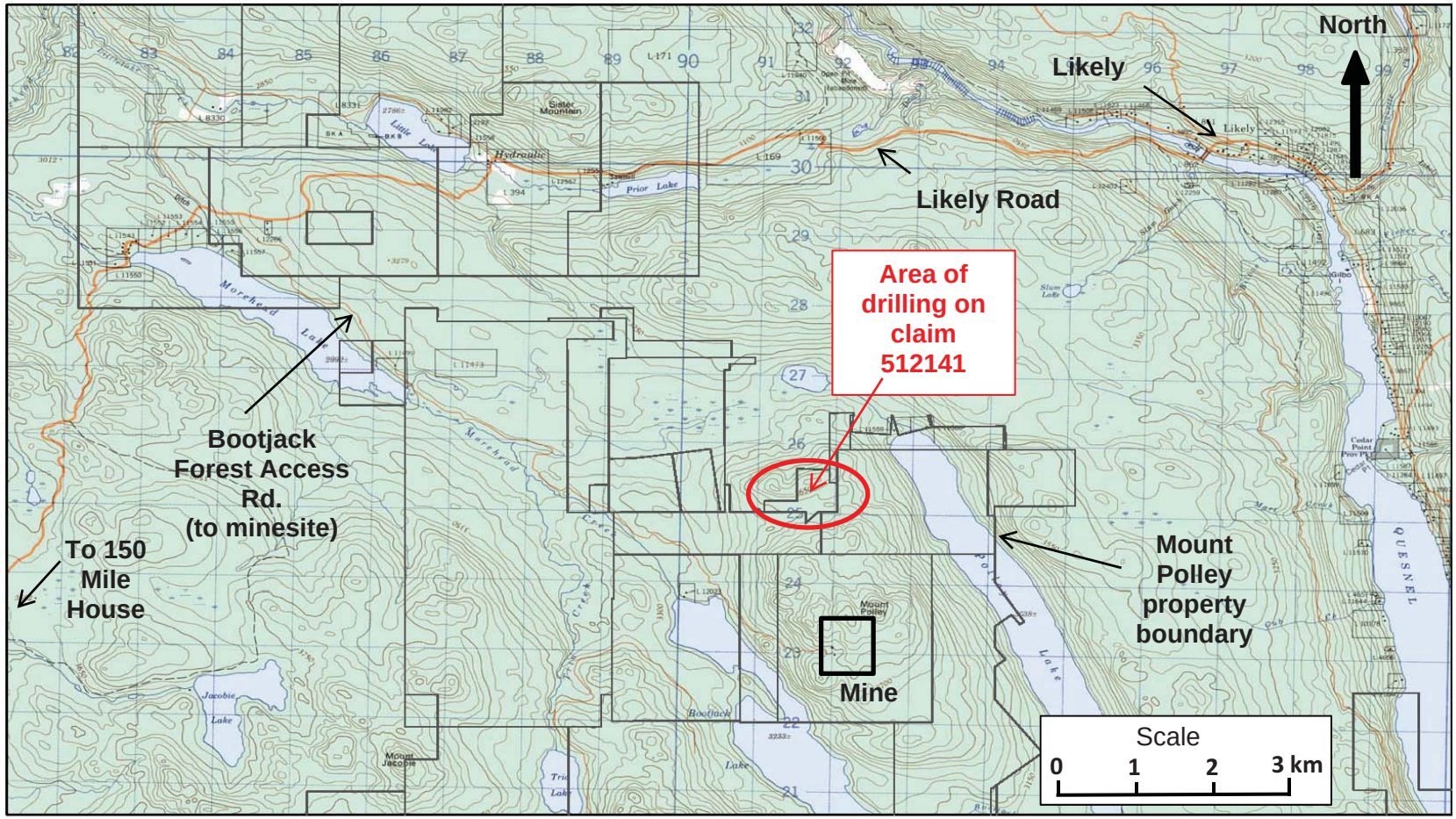

Fig. 2: Location and access of area of drilling on the Mount Polley property. True north is 1 degree west of grid north. Note the UTM grid shown is NAD 27. Claims overlay may not be exact.

to the north is Morehead Creek. To the south of Polley Mountain, the terrain slopes towards low-lying undulating ground where the mine's tailings impoundment is located.

Climate and vegetation
Mean monthly temperatures range from 13.7°C in July to –10.7°C in January. Precipitation averages 755 mm, with 300 mm falling as snow.

Forest cover consists of red cedar, Douglas-fir and sub-alpine fir, with lesser black cottonwood, trembling aspen and paper birch. Much of the area has been clearcut by commercial logging, although the older clearcuts have advanced re-growth.

3. LAND TENURE

The Mount Polley mine is roughly in the centre of the property, which at the end of 2009 comprised 5 mining leases and 43 claims, including the claim (512141) originally under option (see below) (Table 1). Claims and leases are 100% held by Mount Polley Holding Company Limited, an indirect, wholly-owned subsidiary of Imperial Metals Corporation.

Option agreement with Valley High Ventures Ltd.
The option agreement was announced on April 28, 2009, indicating Imperial's bid to acquire a 100% interest in a portion of a claim held by Valley High Ventures Ltd. immediately adjacent to Imperial's 'Boundary zone' of mineralization on the Mount Polley property. The announcement stated:

"Imperial may exercise the option by making a total of $300,000 in cash payments on or before January 1, 2010. The optioned property will be subject to a two-stage royalty for each tonne milled at the Mount Polley mine concentrator. The stage I royalty is $2.50 per tonne for the first 400,000 tonnes milled. The stage II royalty is $1.25 per tonne for all tonnes milled in excess of 400,000 tonnes. The stage II royalty can be reduced to $0.62 per tonne by Imperial making a payment of $1,000,000 to Valley High.

The optioned property will facilitate an open pit design for the near surface mineralization discovered in the Boundary zone. In addition to the drilling currently underway in the Boundary zone, Imperial plans to conduct drilling on the optioned property. "

The drilling program was carried out in September and October, on claim tenure number 512141. In December 2009, Imperial acquired 100% interest, subject to a two-stage royalty for each tonne milled at the Mount Polley mine concentrator.

TABLE 1: MOUNT POLLEY PROPERTY CLAIMS AND LEASES

Tenure Number	Claim Name	Tenure Type	Expiry Date	Area (ha)
345731		Lease	2010/aug/22	483.16
524068		Lease	2010/dec/19	501
566385		Lease	2010/sep/21	172.7
410495		Lease	2010/sep/29	310.07
573346		Lease	2011/jan/09	399.92
512141		Claim	2011/oct/15	510.82
501942	MPMC9	Claim	2014/apr/08	490.886
502017	MPMC10	Claim	2014/apr/08	490.637
502067	MPMC11	Claim	2014/apr/08	490.589
502095	MPMC12	Claim	2014/apr/08	490.671
502162	MPMC13	Claim	2014/apr/08	490.857
502212	MPMC14	Claim	2014/apr/08	490.823
502239	MPMC15	Claim	2014/apr/08	392.653
204475	CB 16	Claim	2015/apr/08	500
206450	PM-5	Claim	2015/apr/08	500
206798	PM-9	Claim	2015/apr/08	150
206799	PM-10	Claim	2015/apr/08	150
340019	IMC 3	Claim	2015/apr/08	125
340020	IMC 4 FR	Claim	2015/apr/08	25
392621	POL 4	Claim	2015/apr/08	25
392622	POL 5	Claim	2015/apr/08	25
411010	POL 2	Claim	2015/apr/08	125
501124	MPMC1	Claim	2015/apr/08	472.007
501143	MPMC2	Claim	2015/apr/08	19.661
501182	MPMC3	Claim	2015/apr/08	334.394
501337	MPMC4	Claim	2015/apr/08	314.854
501385	MPMC40	Claim	2015/apr/08	492.2
501423	MPMC5	Claim	2015/apr/08	491.946
501479	MPMC41	Claim	2015/apr/08	491.94
501594	MPMC42	Claim	2015/apr/08	492.217
501657	MPMC43	Claim	2015/apr/08	492.386
501761	MPMC44	Claim	2015/apr/08	394.054
501800	MPMC45	Claim	2015/apr/08	374.39
501872	MPMC46	Claim	2015/apr/08	394.192
501910	MPMC47	Claim	2015/apr/08	433.556
501937	MPMC48	Claim	2015/apr/08	472.794
501972	MPMC49	Claim	2015/apr/08	98.391
501997	MPMC50	Claim	2015/apr/08	393.805
502054	MPMC51	Claim	2015/apr/08	196.658
502071	MPMC52	Claim	2015/apr/08	19.695
514037	MOOREHEAD	Claim	2015/apr/08	58.931
514040	GAVIN	Claim	2015/apr/08	78.696
514044		Claim	2015/apr/08	1238.993
514047		Claim	2015/apr/08	1414.943
514049	MOREHEAD2	Claim	2015/apr/08	19.643
207244	PM 13	Claim	2016/apr/08	300
501888	MPMC8	Claim	2016/apr/08	98.208
514039		Claim	2016/apr/08	1889.024

4. HISTORY AND PREVIOUS WORK

Mount Polley

The Mount Polley deposit was discovered in the early 1960s, after prospecting an aeromagnetic anomaly revealed by a federal government survey released in 1963. Mastodon Highland Bell Mines Limited and Leitch Gold Mines first staked claims in 1964. In 1966, the two companies merged to form Cariboo-Bell Copper Mines Limited. In 1969, Teck Corporation assumed control of Cariboo-Bell. During the period from 1966 to 1972, diamond and percussion drilling was done, along with magnetic, seismic and induced polarization (IP) surveys. In 1978 Highland Crow Resources, an affiliate of Teck, acquired control.

In 1981, E&B Explorations Inc. optioned the property from Highland Crow, and in 1982 acquired a 100% interest and continued to work the property with joint venture partners Geomex Partnerships and Imperial Metals Corporation. In 1987, Imperial Metals purchased the remaining interest in the property from Homestake Canada and others (E&B had merged with Mascot Gold Mines that subsequently merged with Corona Corporation and finally became Homestake Canada). During the period between 1988 and 1990, Imperial Metals Corporation conducted a comprehensive exploration program of drilling, mapping and geophysics.

In 1992, Imperial Metals bought the Geomex Partnerships consolidating ownership of the property in one company. Following a merger with Bethlehem Resources Corporation in 1995, Imperial completed an in-house Feasibility Study. Financing was arranged with Sumitomo Corporation of Japan through a joint venture with SC Minerals Canada that culminated in the formation of Mount Polley Mining Corporation in April 1996.

In late May 1996, construction of an 18,000 tonne per day mine and milling facility began at the Mount Polley site. Construction was completed in June of 1997. The plant start-up and commissioning took place in late June with the plant rising towards design capacity by the end of 1997. Mining continued until September of 2001, when operations were suspended due to low metal prices. In 2004, the decision was made to resume mining operations, which have continued to date.

Exploration has continued at Mount Polley, both within the mine lease and in the outlying property.

Previous work on the Boundary Zone

In the 1990s, the ground north of Mount Polley was known as the Lloyd-Nordik property and was held by Big Valley Resources Inc. (later, Consolidated Big Valley Resources Inc.). It contained prospects considered to be related to the porphyry copper-gold deposits at Mount Polley. Probably the most promising of these prospects was a mineralized breccia on the Lloyd 2 claim, which at the time fell almost entirely on Big Valley ground immediately adjacent to the Mount Polley property, and about 1.5 km north of the future mine development area. The prospect became known as the ‘Lloyd-Nordik’ or the ‘Lloyd zone’.

A phase of exploration on the Lloyd 2 claim by Big Valley began in 1993-4, and subsequent drilling led to a preliminary resource estimate in March 1996, of 7.19 million tonnes grading 0.31 per cent copper and 0.243 g/t gold, including an indicated resource reported as 2.5 million tonnes grading 0.55% copper and 0.39 g/t gold at a cut-off grade of 0.20% copper (Minfile). More drilling was done in 1996 (5,284 metres, 25 holes), along with induced polarization and magnetic surveys and geochemical sampling over the claim (see Bailey, 2007). Four more diamond drill holes were completed in 2000 (Minfile). In 2003, 289 soil samples were analysed from a geochemical survey on the eastern part of the Lloyd 2 claim on behalf of owners/operators Glengarry Developments Inc. and Quantum Speed Internet Products Inc. (Minfile). Later, property ownership came to be under Valley High Ventures Ltd. and Glengarry Developments Inc.

Imperial's discovery in 2003 of high-grade breccia-hosted mineralization in the Northeast zone, 600 metres to the east of the Lloyd-Nordik, kindled the company's interest in the mineral potential of the northern parts of Mount Polley, and in 2004 Imperial drilled four successful holes on its side of the Lloyd-Nordik zone, which it named the 'Boundary zone' (Rees *et al.,* 2005).

In anticipation of development of the Northeast zone, Imperial conducted a legal survey of its PM-8 claim to confirm its position for conversion to a mining lease, and it was discovered that a portion of ground thought to be part of the Lloyd 2 claim containing the Lloyd-Nordik prospect was in fact on the PM-8 claim. The result was that Imperial owned a substantial part of the mineralized zone.

Imperial carried out more exploration on the Boundary zone between 2006 and 2008, including diamond drilling and ground magnetometer surveys, taking advantage of the expanded land position to improve definition of the mineralization. Results were documented as follows: 22 holes/5,417 m in 2006 (Rees *et al.,* 2008); 14 holes/4,511 m in 2007 (Rees *et al.,* 2009a), and 20 holes/5,260 m in 2008 (Rees *et al.,* 2009b).

In 2006, Valley High Ventures Ltd. drilled 24 holes (4,887 m) on their part of the deposit (Bailey, 2007). Several "stacked" zones of copper mineralization were reported, with the better thicknesses and grades on the eastern side of the zone, adjoining Imperial's property. Valley High's 2006 program also included 27-line km of IP/magnetometer surveying to characterize the geophysical signature of the Boundary zone.

5. REGIONAL AND PROPERTY GEOLOGY

The Mount Polley property is in the accreted terrane of Quesnellia, in the Intermontane Belt of the Canadian Cordillera (Fig. 1). Quesnellia is characterized by a Triassic-Jurassic assemblage of mafic to intermediate intrusive and extrusive rocks formed in a west-facing island arc, outboard from the early Mesozoic paleo-continental margin of North America to the east (Barkerville terrane of the Omineca Belt). The arc was

accreted to North America in the late Early Jurassic, a few million years after Mount Polley magmatism and mineralization.

The region around Mount Polley is known as the Central Quesnel Belt (Panteleyev *et al.*, 1996). As in southern B.C., the Quesnellia arc rocks are assigned to the Middle to Late Triassic Nicola Group, along with late- to post-arc, Early Jurassic rocks (Fig. 3).

From the base, Central Quesnel Belt Nicola stratigraphy comprises (simplified):

- Basinal argillaceous sediments and minor tholeiitic basalt (incipient arc volcanics) (Middle to Late Triassic).
- Alkalic olivine-pyroxene-phyric basaltic (submarine) volcanics (Late Triassic, Norian).
- Alkalic pyroxene-phyric basalt & basaltic andesite, related volcaniclastics & minor intrusions.
- Basaltic to andesitic extrusive & intrusive (microdiorite) culminations, some pseudoleucite-bearing, with local limestone (all still Late Triassic, Norian).
- Major phase of intrusive activity and related mineralization at the end of the Triassic, including Mount Polley, ranging from diorite to monzonite, and nepheline syenite.
- Polymictic, intrusive-clast breccia & conglomerate and minor sediments, extending into the (post-Nicola) Early Jurassic.

Accretion (obduction) of the arc onto North America in the Late Early Jurassic was followed by folding in the Middle Jurassic. Mount Polley lies in the synclinal hinge of a broad regional Middle Jurassic fold. Metamorphic grade on the property is generally no higher than zeolite facies.

Mount Polley itself is an igneous complex called the Mount Polley Complex or MPC, measuring about 6 by 3 km, elongate north-northwest. It consists of marginally silica-undersaturated intermediate intrusions and related magmatic-hydrothermal breccias (Fraser *et al.*, 1995; Rees *et al.*, 2009b). Intrusive rocks range from rare pyroxenite to diorite to monzonite. Quartz is virtually absent, and some rocks are nepheline-normative although they don't contain feldspathoids. The MPC formed quite rapidly, perhaps over 1-2 million years around 204-205 Ma at the end of the Triassic, during the waning stages of Quesnellia arc volcanism.

Mineralization occurs in most MPC units except some of the minor cross-cutting dikes, so it is inferred to be a relatively late event in the formation of the MPC. Sulfides are widespread in the MPC; significant concentrations of chalcopyrite and lesser bornite occur in several zones, disseminated in hydrothermally altered intrusions, or in fracture-controlled stockwork veins, or may form the interclast-cement in hydrothermal breccias.

Away from the Mount Polley Complex, the property is underlain by Nicola Group basaltic to andesitic volcanics and minor intrusive and sedimentary rocks, or by younger overlapping clastic units and outliers of Tertiary extrusives (Logan and Mihalynuk, 2005). Relatively small intrusions occur in the Nicola volcanics, generally of monzonitic

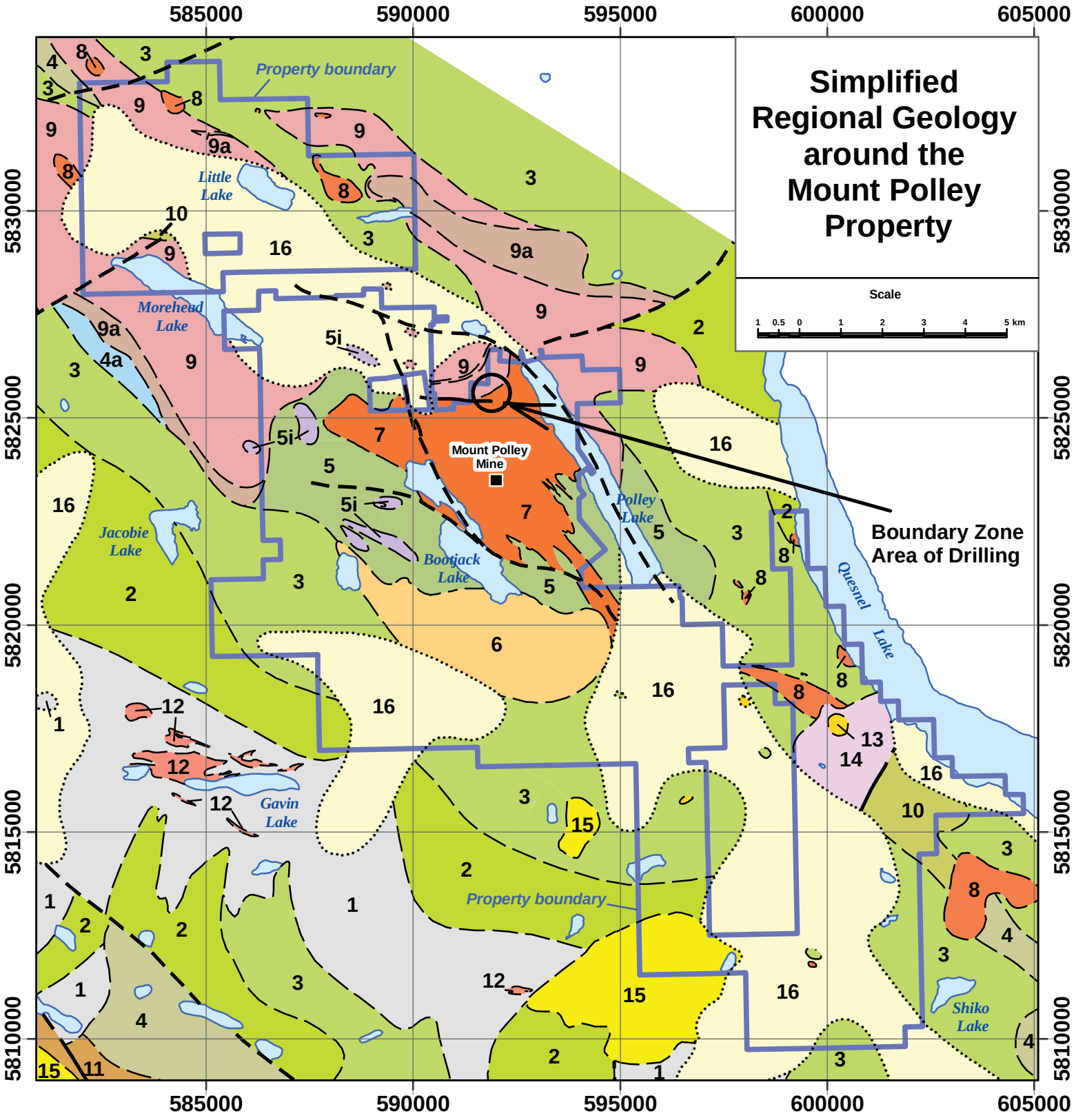

Fig. 3: Simplified regional geology around the Mount Polley property (legend on next page).

LEGEND

QUATERNARY

16	Till, glaciofluvial, glaciolacustrine deposits.

TERTIARY

MIOCENE - PLIOCENE

15	Chilcotin Group: Alkali olivine basalt.

EOCENE

14	Kamloops Group: Calcalkaline volcanics, siltstone, shale.

CRETACEOUS

13	Polymictic cobble/pebble conglomerate, minor sandstone.

MIDDLE JURASSIC

12	Gavin Lake Stock: Quartz monzonite.
11	Dragon Mountain Formation: Conglomerate, sandstone, siltstone

EARLY JURASSIC

10	Sandstone, siltstone.

LATE TRIASSIC and/or EARLY JURASSIC

9	Polymictic, intrusive-clast-rich breccia and conglomerate, and lesser sandstone (9a).
8	Monzonitic intrusive rocks.

LATE TRIASSIC Nicola Group

7	Mount Polley Complex: Diorite to monzonite stocks and dikes, hydrothermal breccias.
6	Bootjack Stock: Orbicular nepheline syenite.
5	Basaltic to andesitic rocks and equivalent subvolcanic intrusives, breccias, and minor mafic sediments, limestone.
4	Mafic, feldspathic sandstone to siltstone, minor limestone. 4a massive grey limestone.
3	Basalt, pyroxene-phyric, minor breccia and tuffaceous sediments.
2	Basalt, olivine-pyroxene-phyric.
1	Siltstone to fine sandstone.

Fig. 3 (contd.): Legend for simplified regional geology around the Mount Polley property.

composition. Some are weakly hydrothermally altered and mineralized. Their similar composition and appearance to Mount Polley intrusions suggests they are approximately the same age (around 200 Ma), though in the absence of isotopic age determinations, they are usually assigned a generic Triassic-Jurassic age (Logan *et al.*, 2007).

6. GEOLOGY OF THE BOUNDARY ZONE (AREA OF DRILLING)

The Boundary zone occurs in the northernmost part of the Late Triassic Mount Polley Complex (MPC). The northern MPC is dominated by altered, finely plagioclase-phyric monzonitic intrusive rocks, and lesser hydrothermal breccias (Fig. 4). The alteration in the area is mainly mild to intense, pervasive K-feldspar, which is distinguished by its pink colouration due to minute hematite inclusions in the lattice. Fine hydrothermal biotite is also present. Interstitial calcite alteration is another hallmark of the area, and is frequently pervasive in breccias and monzonite, as well as in crackly veins and microveins. Garnet and/or magnetite alteration are closely associated with mineralized zones or parts thereof, and chlorite is widespread in the matrix of breccias from the breakdown of primary pyroxene in the monzonites. Fine pyrite is virtually ubiquitous.

By far the most important mineral deposit in the northern MPC is the Northeast zone (NEZ), discovered in 2003 (Fig. 4). The near-surface part of this orebody was mined in the Wight pit between 2005 and 2009; the pit is now completed. The NEZ mineralization consists of chalcopyrite and bornite hosted in polymictic, clast-supported magmatic-hydrothermal breccia bodies, and in disseminations and veinlets in monzonite within and immediately surrounding these breccia bodies. The irregular, subvertical breccias formed in a catastrophic hydrofracturing event from over-pressured vapour exsolved from a crystallizing K-feldspar-phyric intrusion at depth. Solutions carrying copper and gold entered the breccias and surrounding highly fractured monzonites and deposited sulfides in interclast spaces or matrix in the breccia and in fracture stockworks. The NEZ grades outwards into more coherent monzonites, marked by diminishing fracture stockworks and chalcopyrite veins, and a halo of pyrite which becomes the dominant sulfide distally. Geophysically, the NEZ is marked by a chargeability anomaly, but no magnetic anomaly because unlike most of the rest of the MPC, the NEZ alteration is relatively deficient in magnetite.

Other, smaller breccia-hosted mineral deposits in the northern MPC area, including the Boundary zone 600 metres west of the NEZ, are thought to have formed at the same time by the same mechanism. Near surface, the Boundary zone is roughly 150 metres in diameter. Like the NEZ, sulfide mineralization at the Boundary zone occurs in fragmental breccias and veins in highly fractured monzonite. The various breccia facies are discontinuous and consequently significant mineralization is erratic. The alteration in the Boundary zone is the same as the NEZ except it is richer in magnetite, which can form a significant component of the cement in some hydrothermal breccias. As a result, the zone has a more pronounced magnetic signature than the NEZ, which was one of the features contributing to its discovery. The Boundary zone is less endowed with bornite than the centre of the NEZ, accounting for its overall lower grade.

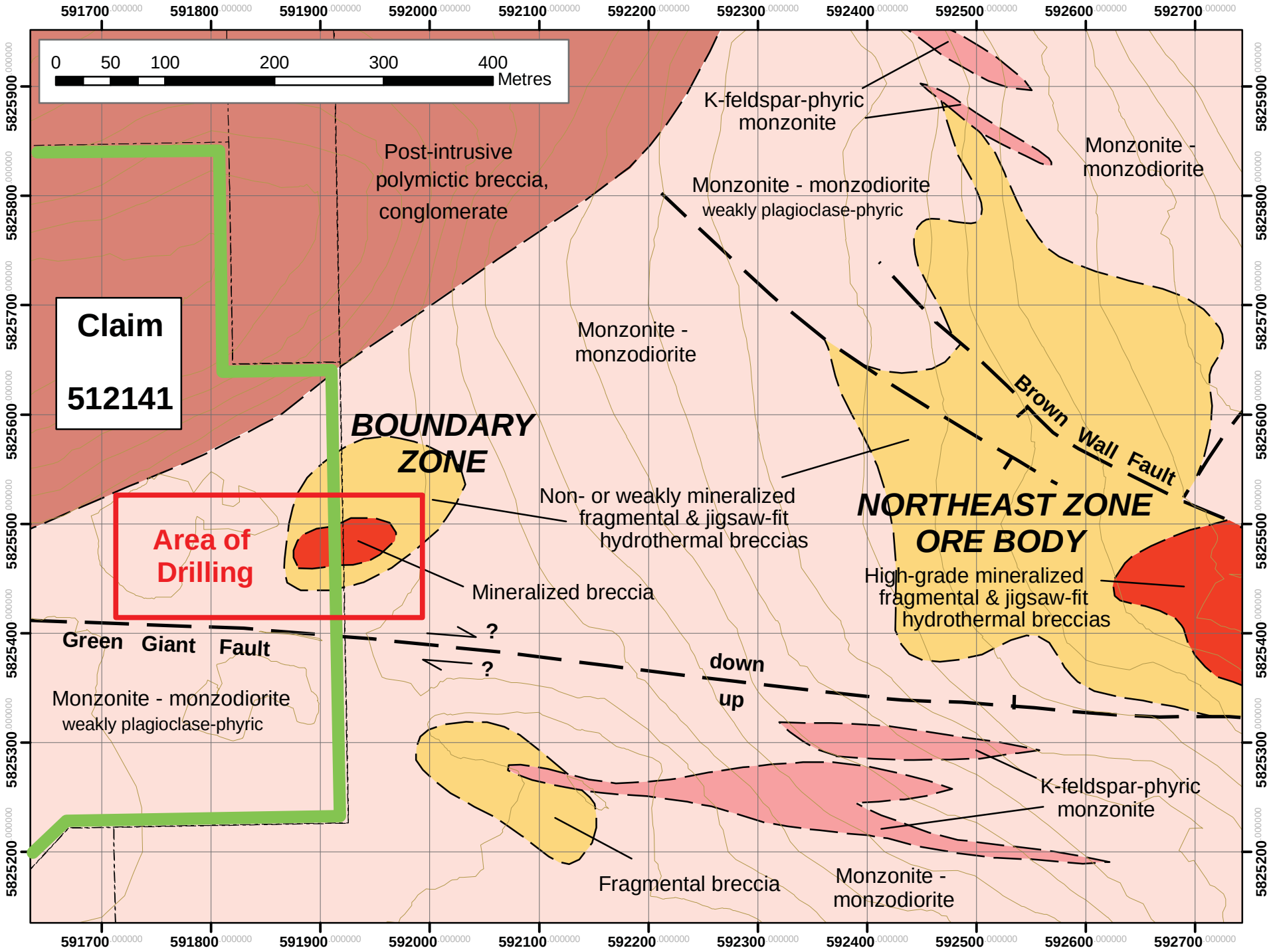

Fig. 4: Geology of the northern Mount Polley Complex.

The northern contact of the MPC intrusive rocks and breccias is a gently NNW-dipping unconformity with an overlying unit of matrix-supported, polymictic breccias of post-MPC but indeterminate Late Triassic to Early Jurassic age. This original contact has been modified by faulting. The matrix of the breccias is dark red or maroon from pervasive hematite, but otherwise they are not hydrothermally altered nor mineralized. These massive, unsorted breccias have been interpreted as debris flow or slump deposits formed from the uplift and erosion of the MPC or related intrusive centres (Rees *et al.*, 2009b). Bailey (2007) has interpreted the breccias as volcaniclastic. None of the drill holes reported here were collared in, or intersected these post-MPC breccias.

Structure

The Boundary zone mineralization has an irregular shape, and significant copper-gold grades are erratic, mainly controlled by the presence of stronger brecciation, and is affected by dilution due to post-mineralization dikes. The main fault in the area is the vertical Green Giant Fault (Fig. 4), about 200 metres south of the Boundary zone, and which trends east and has a south-side up sense of movement, possibly with a strike-slip component. This major fault cuts off the prospective rocks of the northern MPC hosting the Boundary zone and NEZ; however, at the Boundary zone, mineralization appears to die out anyway as the fault is approached from the north. Post-breccia faulting within the Boundary zone is present, but is difficult to define because of the lack of geological markers. Bailey (2007) inferred the presence of a NE-trending fault in the Boundary zone called the Lloyd fault, with a NW-side down relative displacement of 200 metres.

Notwithstanding the role of post-mineral deformation, Imperial's strategy has been one of infill and step-out drilling to delineate trends of stronger mineralization. The zone appears to be centred on the Mount Polley side of the property boundary, but does extend to the west, hence the need to extend drilling coverage into Valley High Ventures Ltd.'s former Lloyd 2 claim.

7. DRILLING PROGRAM

Hole locations

The seven holes in the 2009 drilling program (Fig. 5) were designed to fill in information lacking in the database, to improve definition of the mineralization in the Boundary zone. The holes are distributed over an east-west corridor approximately 260 metres long and 60 metres wide. Hole attributes are listed in the table below.

Hole	Easting	Northing	Elevation	Inclination	Azimuth	Length
ND-09-94*	591980.20	5825474.50	1074.80	-45	265	160 m*
ND-09-95	591899.27	5825471.95	1082.08	-45	260	172.8 m
ND-09-96	591779.53	5825462.46	1079.36	-45	258	188.1 m
ND-09-97	591724.83	5825486.03	1086.69	-90	000	172.8 m
ND-09-98	591881.50	5825462.37	1085.14	-90	000	413.6 m
ND-09-99	591803.96	5825486.06	1082.05	-45	250	258.2 m
ND-09-100	591731.77	5825425.16	1074.85	-90	000	367.9 m
					Total	1733.4 m

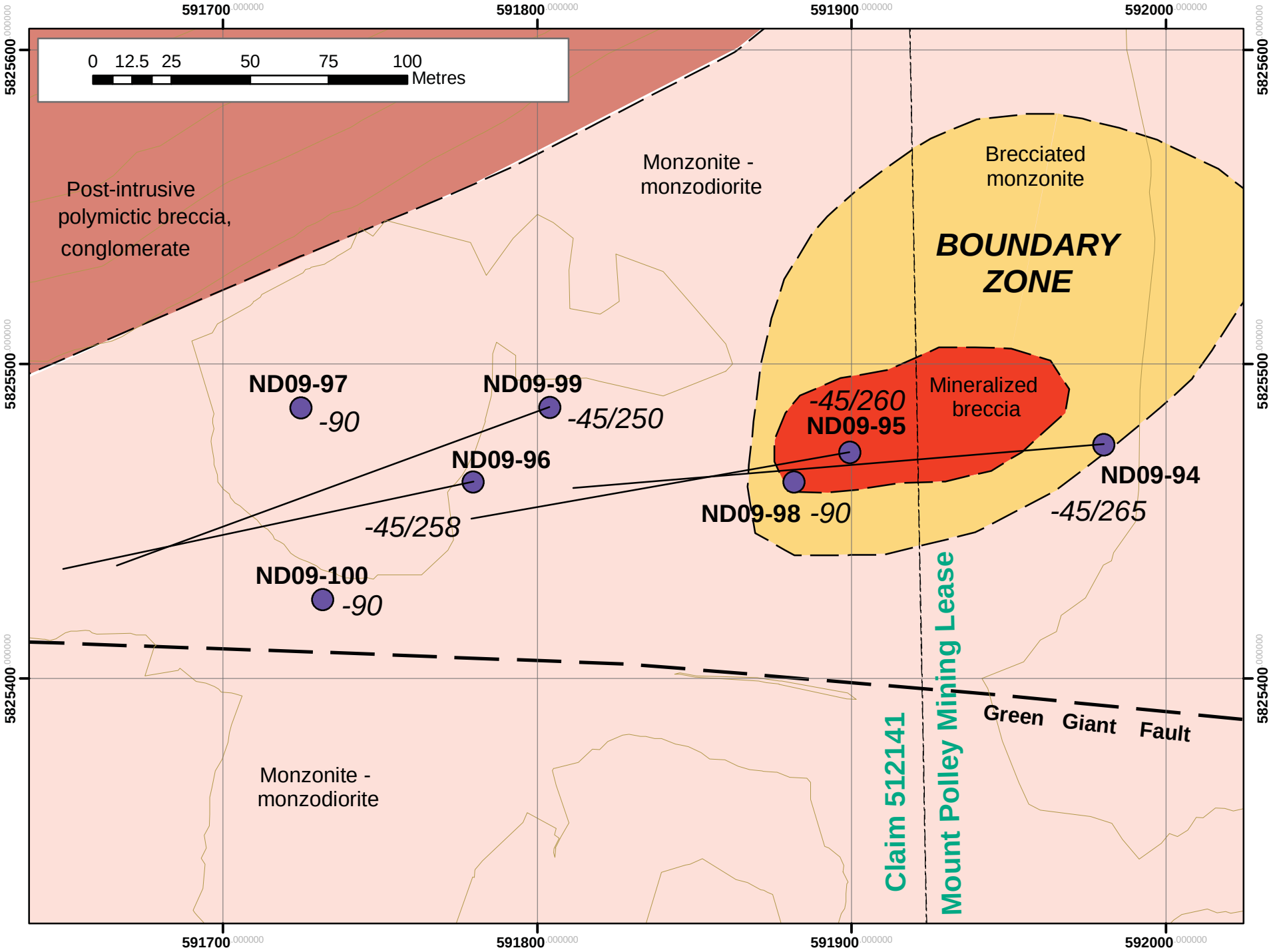

Fig. 5: Plan of diamond drill holes in the Boundary zone.

*Hole ND-09-94 was collared on the Mount Polley mine lease side of the property boundary. The stated length (asterisked) covers the hole length drilled off-lease only, on claim 512141. (For illustration purposes, the entire hole is depicted in Fig. 6.)

Down-hole surveys were done using a Reflex multishot tool, after hole completion. Collars were accurately surveyed in after the drill was moved.

Drilling implementation

All drilling was carried out by Atlas Drilling Limited of Kamloops, B.C., using a Boyles 56 drill. All drill core was NQ. The first drill hole commenced on September 16 and ended on October 8, 2009 (23 days). Both day and night shifts were utilized. Some pad construction was done by an independent contractor.

Core handling and logging

Core was delivered to the core shack after each drill shift, and stored in racks or placed on tables, depending on available space. The core was logged geotechnically and geologically. Samples for assay were laid out every 2.5 metres throughout the hole (standard practice for mine related exploration), unless a 2.5-metre interval had to be subdivided into two or more samples because of the inclusion of a geological contact(s) which required differentiation. Core was sawn and bagged with sample tags and transported in batches to the Mount Polley mine sample processing facilities for sample preparation. Sawn core is stored on the mine site in covered core racks.

8. ANALYTICAL PROCEDURES

Samples were crushed, dried and pulverized at the Mount Polley mine to standard -80 mesh pulp. Pulps were shipped to Acme Analytical Laboratories Ltd. in Vancouver for analysis. Rejects are stored in sturdy wooden crates on site.

Analysis

The samples were analysed for 33 elements as part of the 1D (15 gram) package provided by Acme. Sample splits of 0.5 grams were treated by hot (95°C) Aqua Regia acid digestion for analysis by ICP-ES for the multi-element suite. Detection limits for elements are shown on the assay certificates. In addition, copper assays were obtained from 1-gram splits by ICP-ES with a detection limit of 0.001%, and 30-gram splits were fire-assayed for gold. Non-sulfide copper was obtained by XRF.

Quality control

As is the practice with all Mount Polley exploration drilling conducted by Imperial Metals, samples were submitted to Acme with a full complement of QAQC samples comprising duplicates, blanks and standards. Each batch of twenty samples contained one duplicate, one blank and one low-, medium- or high standard, inserted into the sample stream in a non-systematic way. When results were received by Imperial they were passed through QAQC tests to be validated before being incorporated into the project database for evaluation and interpretation.

9. RESULTS AND CONCLUSIONS

The results of the seven diamond drill holes are presented in individual vertical sections in Figs. 6 through 12 (following the text in this section). The holes are projected into an east-west vertical plane at UTM northing 5825473. The original objective was to attempt a geological interpretation using all the drilling data. However, a two-dimensional representation of the geological units intersected would not be realistic given the unpredictability of the geology and structure, and the amount of deviation off the section plane, so the geology of each drill hole should just be considered on its own merit.

Geological units

In the drill sections, geology is shown by labelled colour bars along the length of the hole. The sections indicate interfingering of most of the following rock types.

Monzonite: The dominant rock type intersected in the drilling program. This is pink to grey, fine to medium-grained monzonite to monzodiorite, and tends to be poorly mineralized if at all.
Monzonitic dike: Monzonite bodies with distinctive texture or chilled margins may be differentiated thus.
Brecciated monzonite: Moderate fracturing introduced hydrothermal permeability and this may be weakly to moderately mineralized.
Fragmental breccia: This is monomictic to polymictic clast- or matrix-supported hydrothermal breccia with rock flour or mineral cement matrix, or both. It varies from well mineralized to unmineralized.
Breccia: Strong breccia, undifferentiated jigsaw-fit type crackle breccia or fragmental breccia. It tends to host highly anomalous mineralization, at least locally.
Mafic dike: Dark green, typically pyroxene-phyric, late stage and post-mineralization mafic dikes.

Mineralization

Significantly mineralized sample intervals (usually 2.5 metres thick) are indicated by coloured bars adjacent to the continuous geology bar along the length of the hole. Two categories are shown: in blue, 0.1 to 0.5% copper, and in red, greater than 0.5% copper, with numerical values of copper per cent and gold in grams per tonne. In addition, the average copper value of certain continuously mineralized zones is shown as a bracketed interval.

Chalcopyrite is the copper-bearing sulfide, occurring mainly in disseminations, veinlets and locally as coarse blebby concentrations. It is invariably accompanied by pyrite. No bornite was reported in the drilling, which is significant since bornite is characteristic of mineralization centres in the northern MPC.

Results

Drill hole ND09-94 (Fig. 6) was collared east of the boundary with the Mount Polley mine lease, and began with lengthy zones of mineralized breccias, crossing into claim

512141 at about 78 metres down hole (results for the first 78 metres are included for interest only and do not form part of this assessment). Mineralization continues for a further 8-10 metres into the claim, but peters out as the hole continues in coherent monzonite. Breccia or brecciated monzonite was encountered lower down with the return of weak to moderate grades of around 0.2% copper and 0.05 grams per tonne gold.

Drill hole ND09-95 (Fig. 7) was collared a few metres west of the mine lease and was drilled at minus 45° to the west. It was a disappointing hole and intersected unmineralized monzonites, although a short (*ca*. 7 metres) interval of brecciated monzonite revealed strong mineralization at around 0.5% copper.

Drill hole ND09-96 (Fig. 8) was drilled with the same orientation as hole 95, but was collared farther west. The hole intersected two main intervals of breccia but only the upper one was mineralized, grading about 0.2% copper. In addition, some monzonite near the top of the hole intersected much better grades, averaging 0.54% copper over 7.5 metres.

Drill hole ND09-97 (Fig. 9) was the most western hole in the program. Drilled vertically, it intersected a variety of monzonites and breccias, but nothing with significant mineralization.

Drill hole ND09-98 (Fig. 10) was drilled vertically and was the longest hole in the program (413.6 metres). Monzonite was dominant in the upper half, although a thin unit of breccia contained some very high grades, up to 2% copper and 0.46 g/t gold. This narrow zone averaged 1.46% copper over 5.4 metres. Breccia is more common lower in the hole, with intermittent or lengthy, low grade mineralization. The best zone was 0.2% copper over 17.5 metres, starting about 280 metres down.

Drill hole ND09-99 (Fig. 11) was dominated by monzonites and brecciated monzonite, with sporadic low grade mineralization between 0.1 and 0.3% copper. This west-directed angle hole crossed a wide fault near the bottom of the hole, across which was a major body of fragmental breccia, but it carried only a few narrow low-grade zones.

Drill hole ND09-100 (Fig. 12) was a long vertical hole drilled towards the western end of the tested area. This hole was dominated by breccia, notably a long interval of fragmental breccia in the centre of the hole. It carried only two low grade samples. More sustained mineralization occurs in other breccias lower down, with a zone around 65 metres thick, diluted by post-mineral dikes. Within it, copper-gold grades are mostly low, but there is one high-grade sample that ran over 1% copper and 0.5 g/t gold.

Concluding remarks

The rock types and mineralization encountered in the Boundary zone drilling program were typical of most of the northern Mount Polley Complex, especially with respect to the margins of the significant copper-gold deposits in the area. While some significant values of copper and gold were intersected, they were usually narrow and isolated, or within otherwise low grade mineralization.

There is a clear correlation between significant mineralization (>0.1% copper) and the degree of brecciation in the monzonitic host rocks. However, the aggregate length of these breccia bodies is usually small compared to those in the main Boundary or Northeast ore zones, and therefore long intersections of ore grade are lacking. Nevertheless, while the results in the present context may not represent substantial tonnage, they do add important information to the database in the area, which will contribute to the ongoing evaluation of the economic potential of the Boundary zone and its place in the Mount Polley mine plan.

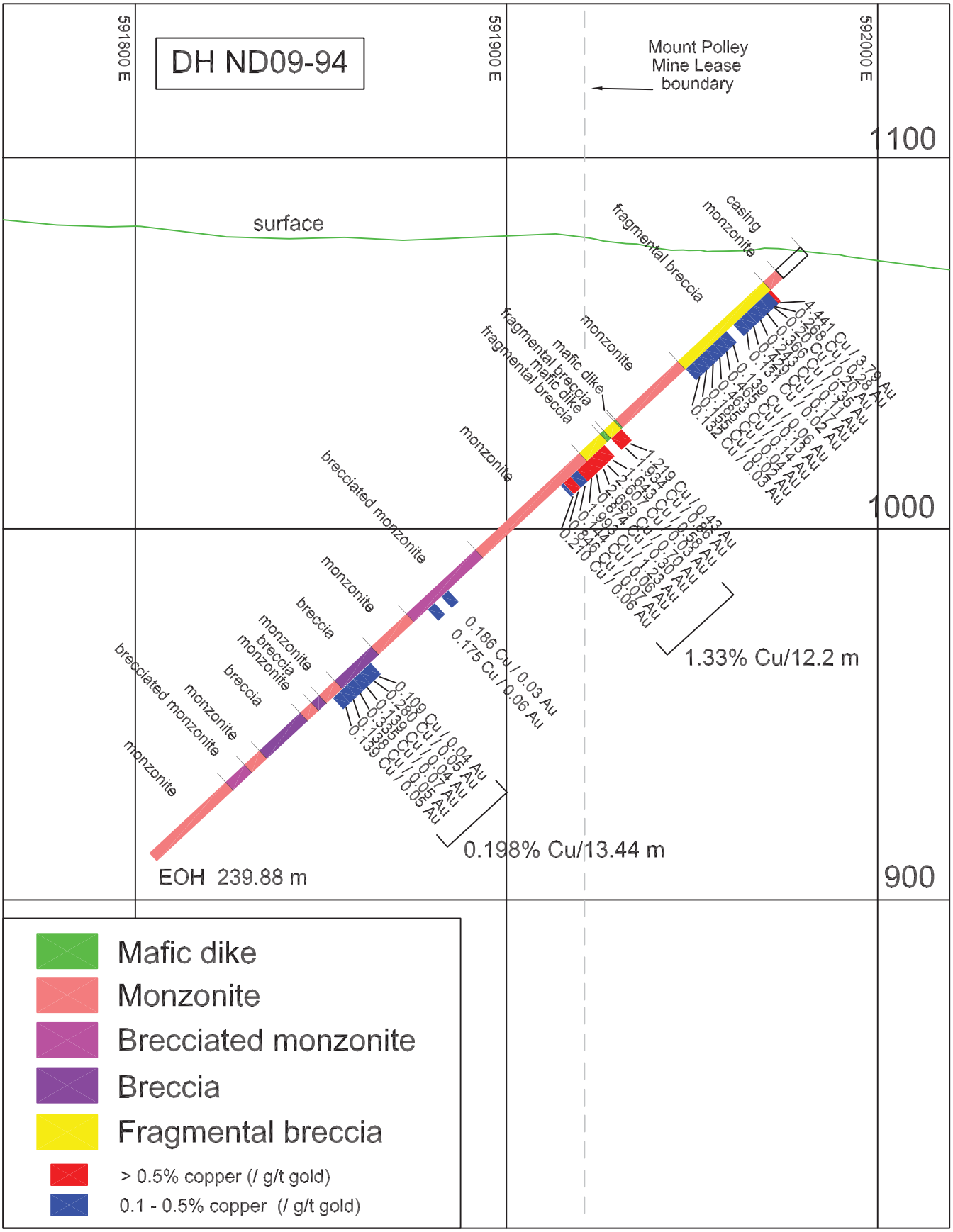

Fig. 6: East-west section showing drill hole ND09-94.

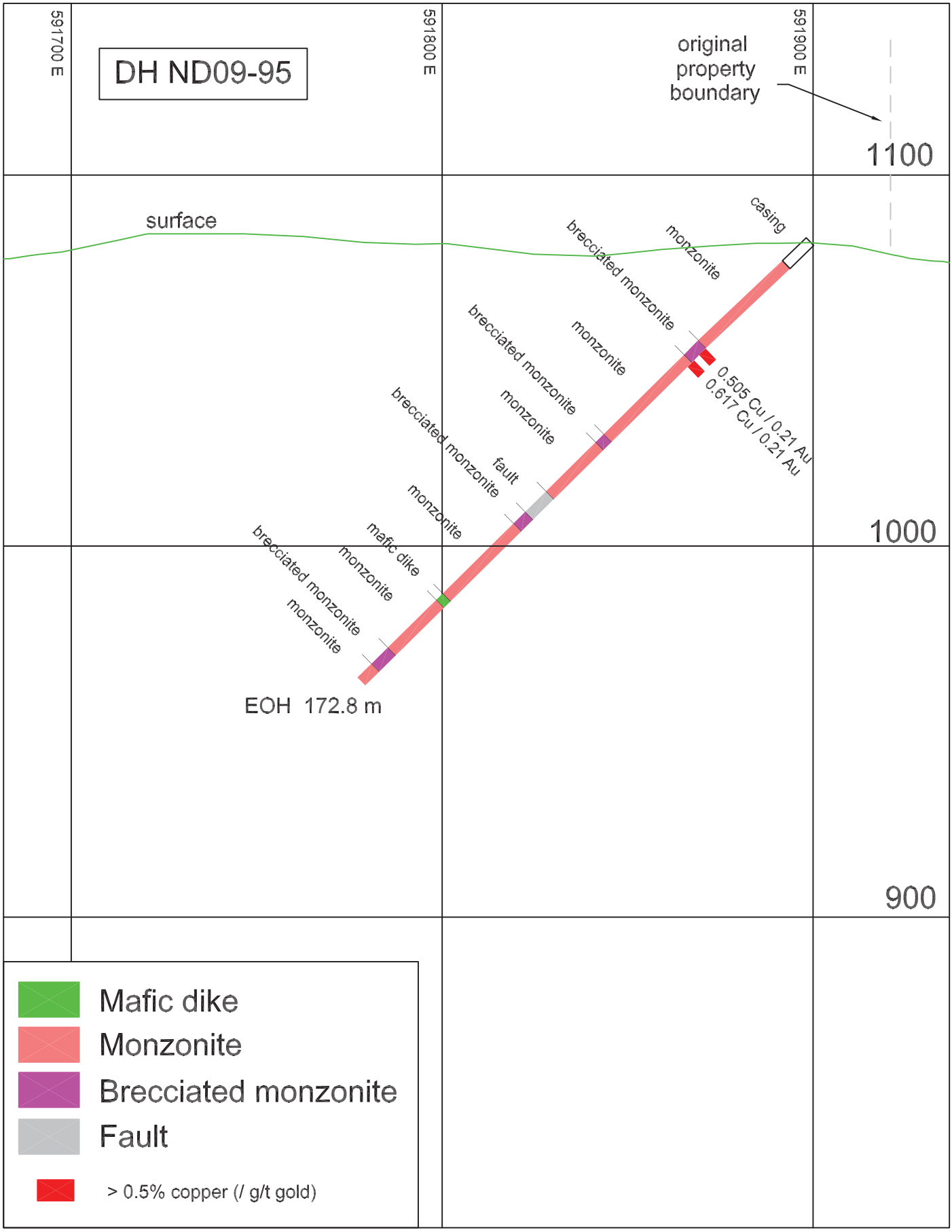

Fig. 7: East-west section showing drill hole ND09-95.

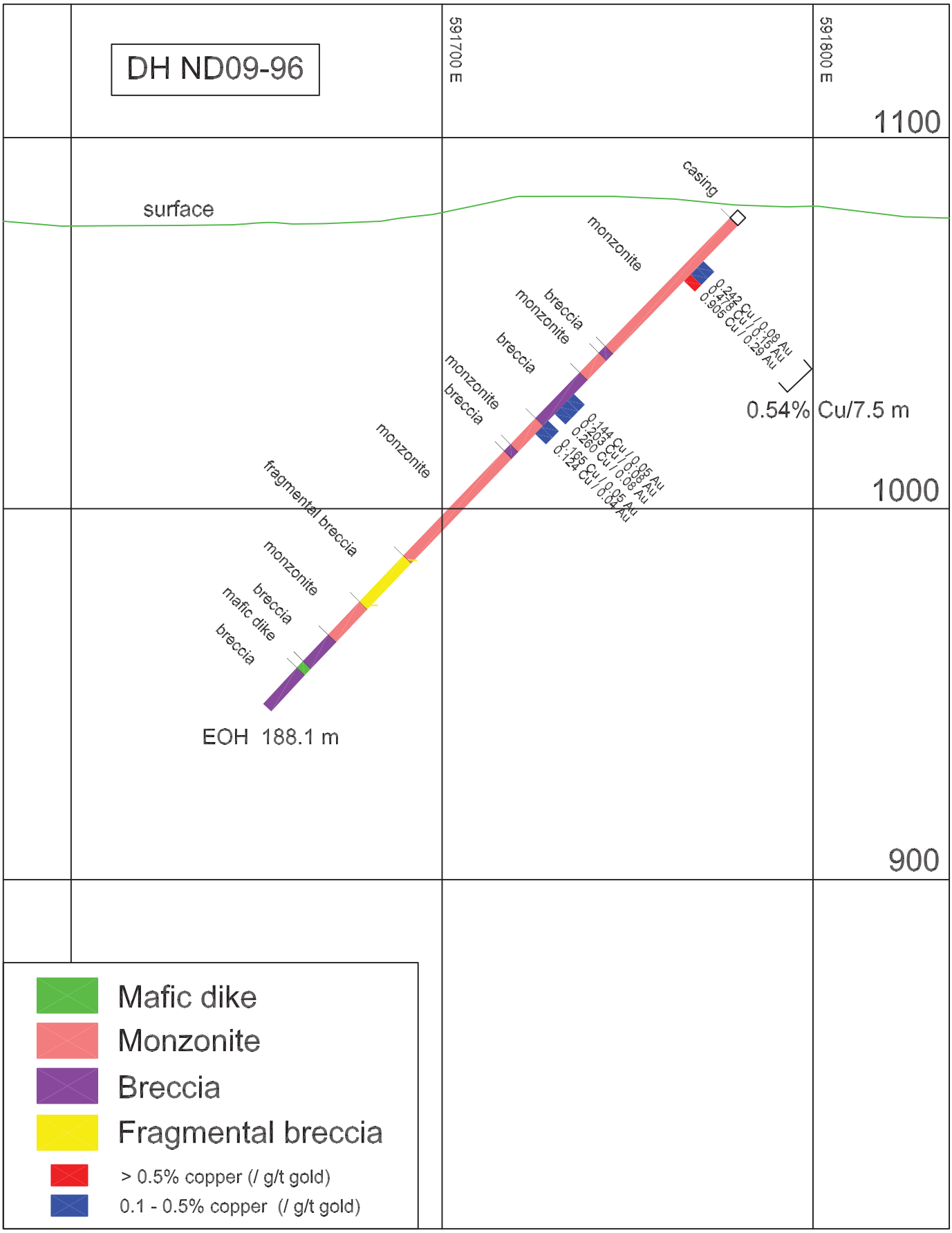

Fig. 8: East-west section showing drill hole ND09-96.

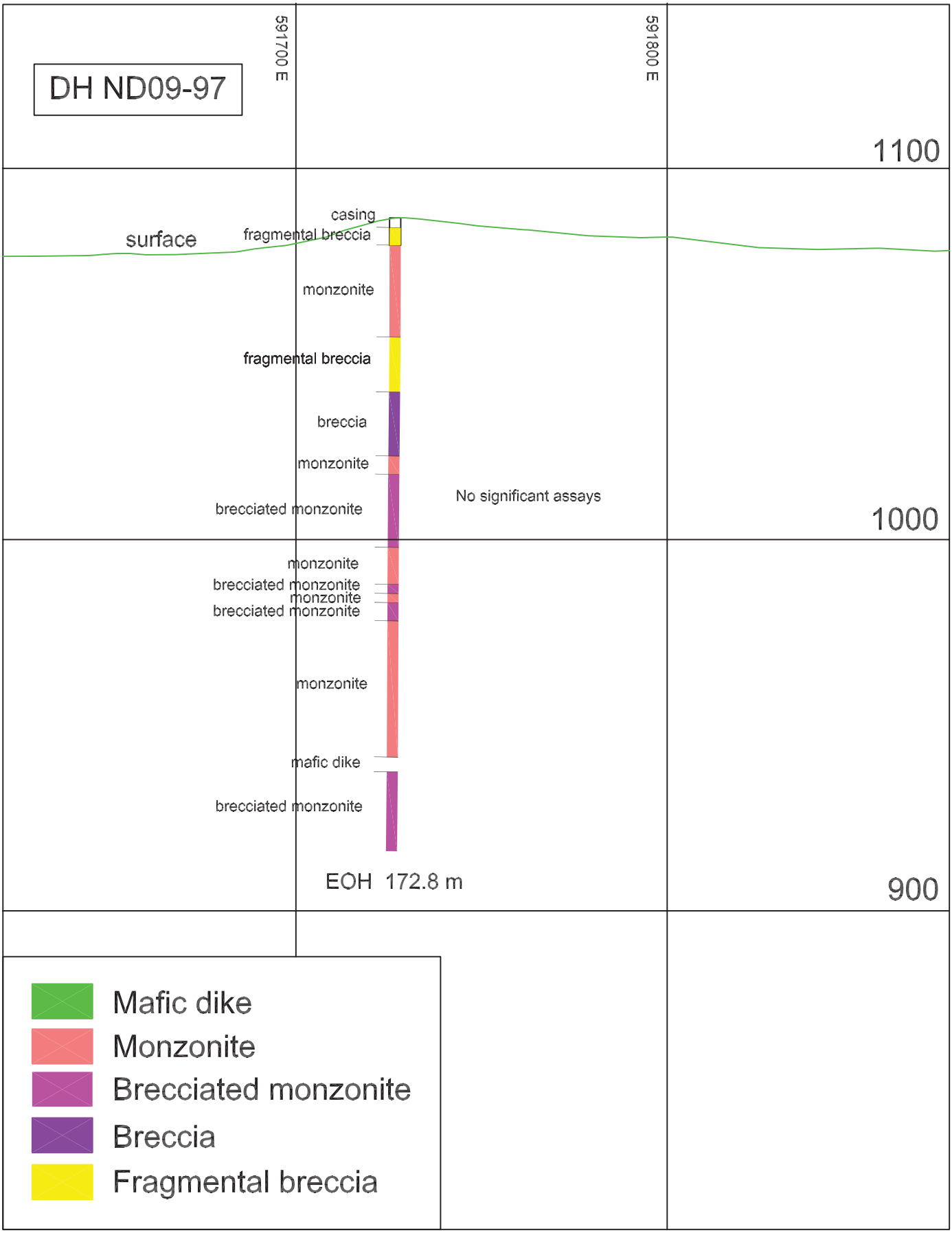

Fig. 9: East-west section showing drill hole ND09-97.

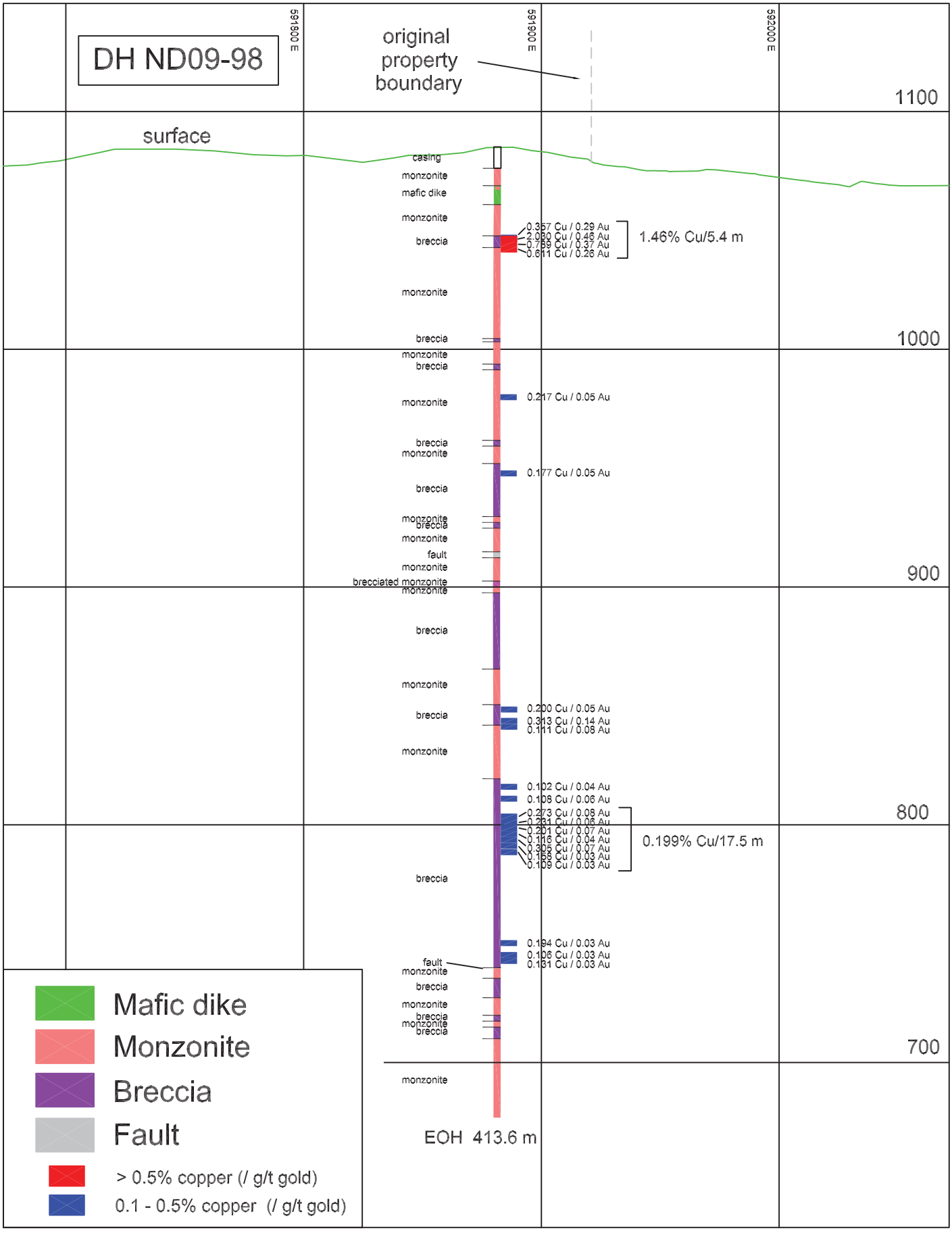

Fig. 10: East-west section showing drill hole ND09-98.

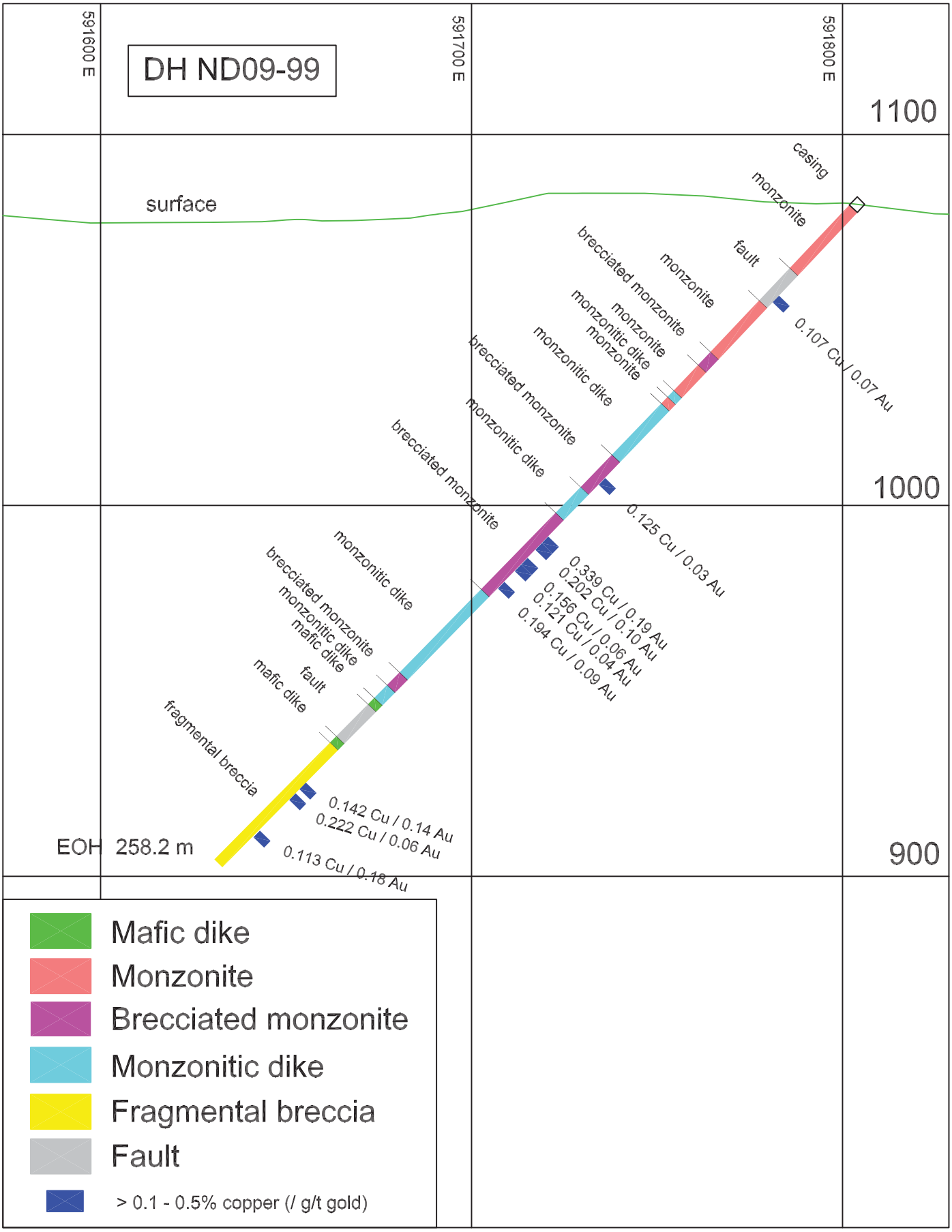

Fig. 11: East-west section showing drill hole ND09-99.

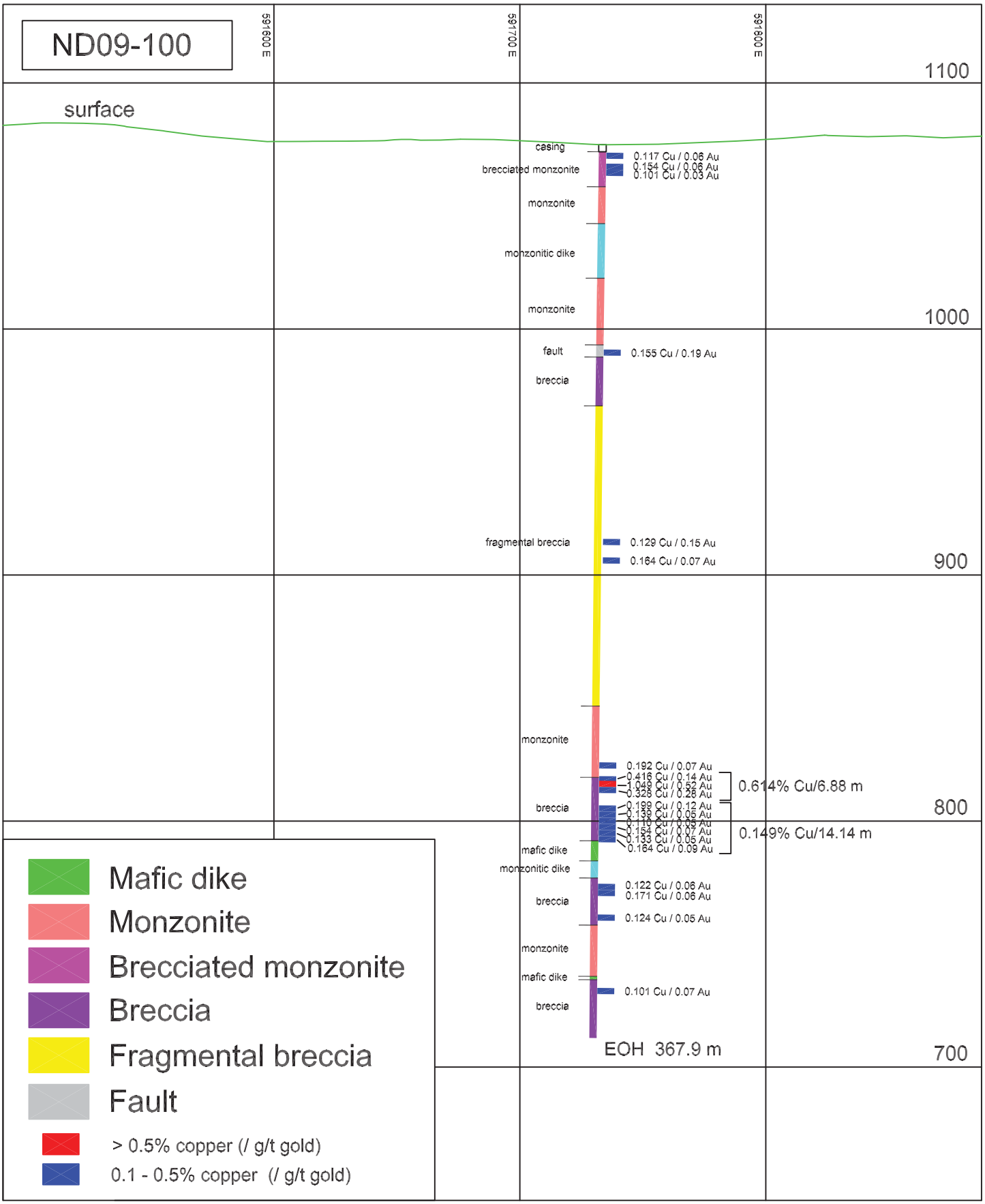

Fig. 12: East-west section showing drill hole ND09-100.

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APPENDIX A

STATEMENT OF COSTS

Diamond drilling	*1,733 metres @ $77.90/m*	$135,000
Drilling fuel	*23 days, 2 shifts/day*	$12,000
Driller's truck, fuel	*23 days*	$4,000
Pad building		$6,400
Assays	*886, incl. checks, re-assays*	$40,000
Sample prep.		$5,000
Shipping	*(samples, supplies)*	$1,200
Reject crates & storage		$840
Core racks		$10,000
Labour	*Geologists* *Core cutting, geotechnical*	$17,000 $14,000
Core logging facility		$10,000
Core shack supplies	*(blades, sample bags, core boxes, standards, etc.)*	$3,400
Food		$2,500
Accommodation		$5,000
Geologist truck & fuel		$3,500
Report preparation, Data management		$10,000
Drafting/materials		$5,000
Project overhead/Admin.		$28,000
Total		$312,840

APPENDIX B

STATEMENT OF QUALIFICATIONS

I, Christopher J. Rees of Victoria, British Columbia, do hereby certify that:

- I am a graduate of the University College of Wales (U.K.) with a B.Sc. (Hons.) degree, and a graduate of the University of Regina with an M.Sc. degree, and a graduate of Carleton University with a Ph.D. degree, all in geology.

- I am a professional geologist with accreditation from the Association of Professional Engineers and Geoscientists of British Columbia, since 1992.

- I have been practising my profession since 1987 in the mineral exploration industry, or through provincial government and university appointments.

- I have been an employee of Imperial Metals Corporation since 1997, and have worked on the Mount Polley property as a geologist since 2003.

- I am the author of this Assessment Report on the '2009 Diamond Drilling program on Claim 512141 on the Mount Polley property'.

Signed

Chris Rees, Ph.D., P.Geo.
April 20, 2010.

APPENDIX C

DIAMOND DRILL LOGS

HOLE NUMBER: ND-09-94

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5474.500	CONTRACTOR:	Atlas
EAST:	1980.200	LOGGED BY:	MD
ELEVATION:	1074.800	DRILLING DATES:	15/09/2009 TO 19/09/2009
LENGTH (m):	239.88	LOG DATE	17/09/2009
CASING:	9.1	DIP / AZIMUTH:	-45.0 / 265
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary

COMMENTS: BZ09-J1

DEPTH (m)	DIP	AZIMUTH
0.00	-42.70	265.10
17.37	-42.70	265.10
26.52	-42.60	265.70
35.66	-42.60	268.10
44.81	-42.60	263.00
53.95	-42.40	265.70
63.09	-42.60	266.70
90.53	-42.80	267.60
99.67	-42.90	266.50
108.81	-42.90	266.60
117.96	-43.00	267.40
127.10	-43.00	265.10
136.25	-42.90	266.30
145.39	-43.00	267.50
154.53	-43.00	267.40
163.68	-43.00	268.20
172.82	-43.10	269.20
181.97	-43.20	266.90

HOLE NUMBER: ND-09-94

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5474.500	CONTRACTOR:	Atlas
EAST:	1980.200	LOGGED BY:	MD
ELEVATION:	1074.800	DRILLING DATES:	15/09/2009 TO 19/09/2009
LENGTH (m):	239.88	LOG DATE	17/09/2009
CASING:	9.1	DIP / AZIMUTH:	-45.0 / 265
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary

COMMENTS: BZ09-J1

DEPTH (m)	DIP	AZIMUTH
191.11	-43.20	267.10
200.25	-43.30	268.20
209.40	-43.30	267.70
218.54	-43.30	268.60
227.69	-43.30	268.90
236.83	-43.20	269.70

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-94

Logged by: MD

Date: 09/04/2010

From	To	Rocktype & Description
0.00	9.14	CASE Casing - No Return
9.14	13.73	Monzonite MZf Dark brown, fine-grained monzonite. Blebby calcite. Stringy calcite veinlets.
13.73	14.66	Fragment Breccia FBX Dark grey-black, fine grained matrix with reddish-brown k-altered clasts. Blebby cpy. Magentite in microfractures. Stringy Cpy veining starting at 14.23m. chalcopyrite veins mostly 1 - 2mm. Cpy vein 1cm wide at 14.46m (~ 1-2% cpy). « kspar 0.50» « magnetite 2.00» « chalcopyrite 0.50%»
14.66	45.18	Fragment Breccia FBX-MZ FBX with localized dark reddish-grey fine-grained monzonite. Monzonite sections are crosscut by magnetite veins (<2mm). chalcopyrite is associated with magnetite veining. Fragment Breccia is well mineralized - chalcopyrite is stringy to blebby, found with magnetite in fine-grained matrix. Potassic alteration increases with depth. Overall Cpy ~0.30%, up to 0.6% locally. « kspar 1.00» « magnetite 2.00» « chalcopyrite 0.30%»
45.18	68.19	Monzonite

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
9.14	11.28	615548	2.14			
11.28	13.73	615549	2.45			
13.73	14.66	615550	0.93			
14.66	15.00	615551	0.34			
15.00	17.50	615552	2.50			
17.50	20.00	615553	2.50			
17.50	20.00	615554	2.50			
20.00	22.50	615555	2.50			
22.50	25.00	615556	2.50			
25.00	27.50	615557	2.50			
27.50	30.00	615558	2.50			
30.00	30.00	615559	0.00			
30.00	32.50	615560	2.50			
32.50	35.00	615561	2.50			
35.00	37.50	615562	2.50			
37.50	40.00	615563	2.50			
40.00	40.00	615564	0.00			
40.00	42.50	615565	2.50			
42.50	45.18	615566	2.68			
45.18	47.50	615567	2.32			

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-94

Logged by: MD

Date: 09/04/2010

From	To	Rocktype & Description
		mkMZf Dark red-brown fine-grained monzonite. Fine to medium k-spar phenos moderately spaced. Stringy calcite veinlets. Magnetitte in microfractures. Finely disseminated cpy. « kspar 1.50» « magnetite 1.50» « chalcopyrite 0.10%»
68.19	68.70	Augite Porphyry Dyke
		AP Dyke
68.70	72.52	Fragment Breccia
		FBX Well mineralized FBX. Coarse chalcopyrite blebs to stringy veinlets (1-2mm). Dark grey fine grained matrix with subangular k-altered clasts. Few albite veins (3 - 5mm). Clay gouge (20cm) at 71.51m. « kspar 2.00» « magnetite 2.00» « albite 0.50» « chalcopyrite 0.60%»
72.52	73.81	Augite Porphyry Dyke
		AP Dyke
73.81	81.40	Fragment Breccia
		FBX Magnetite breccia. Monomictic, matrix supported FBX. Moderately K-altered monzonite clasts. Stong chalcopyrite mineralization. Coarse blebs of chalcopyrite in breccia matrix. « magnetite 4.00» « kspar 2.00» « chalcopyrite 0.80%»
81.40	89.34	Monzonite
		MZfm Dark red-brown, fine to medium textured monzonite. Fine blebs of chalcopyrite throughout. Few fine stringy chalcopyrite veinlets. Magnetite in microfractures. Cpy ~ 0.4% - 0.6%. « kspar 2.50» « magnetite 2.00» « chalcopyrite 0.40%»
89.34	119.70	Monzonite
		mkMZf Dark reddish-brown, k-pheric monzonite. K-spar phenos are medium grained and moderately crowded. Localized sections of breccia with jbx textures. Few fine blebs of chalcopyrite mineralization within bx sections. Clay gouge from 104.24

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
47.50	47.50	615568	0.00			
47.50	50.00	615569	2.50			
50.00	53.95	615570	3.95			
53.95	55.00	615571	1.05			
55.00	57.50	615572	2.50			
57.50	60.00	615573	2.50			
60.00	62.50	615574	2.50			
60.00	62.50	615575	2.50			
62.50	65.00	615576	2.50			
65.00	67.50	615577	2.50			
67.50	68.19	615578	0.69			
68.19	68.70	615579	0.51			
68.70	70.00	615580	1.30			
70.00	72.52	615581	2.52			
72.52	73.87	615582	1.35			
73.87	75.00	615583	1.13			
75.00	78.33	615584	3.33			
75.00	78.33	615585	3.33			
78.33	80.00	615586	1.67	2.607	0.83	18.17
80.00	81.40	615587	1.40	2.669	0.70	16.97
81.40	82.50	615588	1.10	0.874	0.30	4.68
82.50	85.00	615589	2.50	1.993	1.23	4.64
85.00	87.50	615590	2.50	0.144	0.06	3.63
87.50	87.50	615591	0.00			
87.50	89.34	615592	1.84	0.846	0.07	4.57
89.34	90.53	615593	1.19	0.210	0.06	2.88
90.53	93.57	615594	3.04	0.013	0.01	2.46
93.57	99.62	615595	6.05	0.099	0.03	2.57
99.62	99.67	615596	0.05	0.015	0.01	2.70
99.67	102.50	615597	2.83	0.046	0.01	2.86

Mount Polley Project

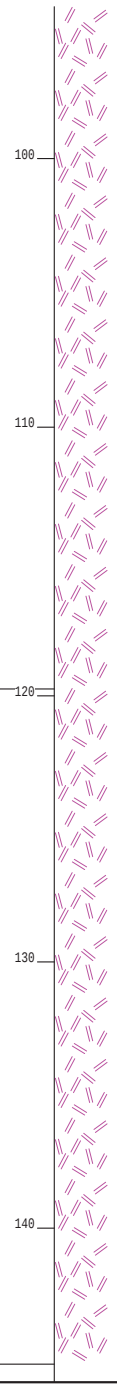
Diamond Drill Log

Hole Number: ND-09-94

Logged by: MD

Date: 09/04/2010

From	To	Rocktype	& Description
			- 104.64m. « kspar 3.00» « magnetite 1.50» « chalcopyrite 0.20%»
119.70	145.07	bxMZ	bxMZ Unit is mainly a dark brown, fine-grained monzonite with widely spaced medium grained k-spar phenos. Sections of breccia with jbx textures - similar to last unit but bx sections have stronger chalcopyrite mineralization ~ 0.25 - 0.3% cpy. Cpy mineralization in microfractures throughout unit. « kspar 2.00» « magnetite 1.50» « chalcopyrite 0.30%»
145.07	158.03	Monzonite	



From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
102.50	105.77	615598	3.27	0.014	0.01	2.79
105.77	108.82	615599	3.05	0.016	0.02	2.42
108.82	110.00	615600	1.18	0.014	0.01	2.50
110.00	112.50	615601	2.50	0.014	0.00	2.42
112.50	115.00	615602	2.50	0.013	0.00	2.52
115.00	117.50	615603	2.50	0.009	0.00	2.55
117.50	119.70	615604	2.20	0.039	0.01	3.22
119.70	122.50	615605	2.80	0.049	0.02	3.95
122.50	125.00	615606	2.50	0.043	0.02	4.53
125.00	127.50	615607	2.50	0.027	0.01	3.48
127.50	130.00	615608	2.50	0.028	0.00	3.27
127.50	130.00	615609	2.50			
130.00	132.50	615610	2.50	0.029	0.02	3.86
132.50	135.00	615611	2.50	0.186	0.03	2.94
135.00	135.00	615612	0.00			
135.00	137.50	615613	2.50	0.086	0.02	2.83
137.50	140.00	615614	2.50	0.175	0.06	3.10
140.00	142.50	615615	2.50	0.046	0.02	3.15
142.50	142.50	615616	0.00			
142.50	145.00	615617	2.50	0.009	0.00	2.55
145.00	147.50	615618	2.50	0.018	0.00	2.55
147.50	148.12	615619	0.62	0.019	0.02	2.71

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-94

Logged by: MD

Date: 09/04/2010

From	To	Rocktype	& Description
			mkMZf Reddish-brown fine grained k-pheric monzonite. K-spar phenos are medium grained and moderately spaced. More potassic alteraion than previous Monzonite units. Very finely disseminated chalcopyrite throughout unit. « kspar 3.00» « magnetite 0.50» « chalcopyrite 0.10%»
158.03	171.47	Jigsaw Breccia	JBX Dark grey brown jigsaw breccia. K-alt'n increases with depth. Magnetite and chalcopyrite in fractures. Cpy is finely disseminated throughout. Stronger chalcopyrite mineralization from 165.48 - 166.93m ~0.30%. Gradational upper and lower contacts. « kspar 1.50» « magnetite 0.50» « chalcopyrite 0.25%»
171.47	177.26	Monzonite	mkMZf Dark brown fine textured monzonite. Widely spaced medium grained k-spar phenos. « kspar 3.00»
177.26	180.12	Jigsaw Breccia	JBX Same as previous jbx unit. Finely disseminated cpy. Sharp upper and lower contacts. « kspar 1.50» « magnetite 0.50» « chalcopyrite 0.20%»
180.12	184.21	Monzonite	mkMZf Dyke?
184.21	199.16	Jigsaw Breccia	JBX Dark grey brown jbx texture. Finely disseminated Cpy throughout. Cpy also in microfratures. Unit is only slightly magnetic. Brecciation seems to weaken downhole, gradually changing to a fine textured monzonite with fine to medium sized k-spar phenos. Mineralization decreases as brecciation weakens. « kspar 2.00» « magnetite 0.50» « chalcopyrite 0.15%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
148.12	150.00	615620	1.88	0.013	0.01	2.35
150.00	150.00	615621	0.00			
150.00	152.50	615622	2.50	0.009	0.00	2.39
152.50	155.00	615623	2.50	0.010	0.01	2.51
155.00	157.50	615624	2.50	0.013	0.00	2.20
157.50	160.00	615625	2.50	0.008	0.00	2.29
160.00	161.08	615626	1.08	0.013	0.01	2.25
161.08	162.50	615627	1.42	0.109	0.04	4.73
162.50	165.00	615628	2.50	0.280	0.05	3.94
162.50	165.00	615629	2.50			
165.00	167.50	615630	2.50	0.139	0.04	4.60
167.50	170.00	615631	2.50	0.335	0.07	3.83
170.00	172.50	615632	2.50	0.138	0.05	3.87
172.50	174.52	615633	2.02	0.139	0.05	5.28
174.52	175.00	615634	0.48	0.012	0.00	3.62
175.00	175.00	615635	0.00			
175.00	177.50	615636	2.50	0.016	0.00	3.70
177.50	180.00	615637	2.50	0.016	0.00	3.59
180.00	180.31	615638	0.31	0.017	0.00	3.54
180.31	182.50	615639	2.19	0.061	0.02	3.44
182.50	183.17	615640	0.67	0.083	0.02	3.38
183.17	185.00	615641	1.83	0.010	0.00	3.85
185.00	187.25	615642	2.25	0.012	0.00	3.90
187.25	187.50	615643	0.25	0.037	0.00	4.42
187.50	190.00	615644	2.50	0.026	0.00	4.24
187.50	190.00	615645	2.50			
190.00	192.50	615646	2.50	0.040	0.00	3.97
192.50	195.00	615647	2.50	0.030	0.00	3.42
195.00	197.50	615648	2.50	0.036	0.00	3.24
197.50	200.00	615649	2.50	0.021	0.00	2.87

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-94

Logged by: MD

Date: 09/04/2010

From	To	Rocktype & Description
199.16	204.71	Monzonite MZf Dark brown fine textured monz. Blebby albite from 201.06 - 201.66m. « kspar 2.00» « albite 0.50»
204.71	211.60	bxMZ bxMZ Weakly brecciated monzonite. k/ep/gt alteration. Localized patches of blebby garnet. Magnetite in microfractures. Finely disseminated pyrite. Trace Cpy. « kspar 2.00» « magnetite 0.50» « pyrite 0.15%» « trace chalcopyrite »
211.60	215.07	Monzonite MZf Dark brown fine textured monz. Blebby albite. Few rare calcite veinlets. « kspar 2.00» « albite 0.50»
215.07	239.88	Monzonite fmkMZf Reddish brown fine textured monz. Fine to medium sized k-spar phenos moderately spaced throughout. Patches of weak brecciation. Garnet and trace chalcopyrite within bx textures. Magnetite in fractures - becoming more abundant downhole. Random spidery albite veins (<2mm) to end of hole. « kspar 2.00» « garnet 1.50» « albite 0.50» « trace pyrite » « trace chalcopyrite »
239.88	239.88	End of hole

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
200.00	202.21	615650	2.21	0.028	0.00	3.55
202.21	202.50	615651	0.29	0.014	0.00	3.99
202.50	205.00	615652	2.50	0.013	0.00	4.02
205.00	207.50	615653	2.50	0.015	0.00	4.03
207.50	207.76	615654	0.26	0.014	0.01	3.95
207.76	207.76	615655	0.00			
207.76	210.00	615656	2.24	0.082	0.03	3.93
210.00	212.50	615657	2.50	0.031	0.00	3.66
212.50	212.50	615658	0.00			
212.50	214.65	615659	2.15	0.044	0.00	4.10
214.65	215.00	615660	0.35	0.015	0.00	3.87
215.00	217.50	615661	2.50	0.015	0.00	4.07
217.50	218.12	615662	0.62	0.013	0.00	3.93
218.12	220.00	615663	1.88	0.037	0.00	3.36
220.00	222.50	615664	2.50	0.014	0.01	2.29
222.50	222.50	615665	0.00			
222.50	225.00	615666	2.50	0.016	0.00	2.22
225.00	227.50	615667	2.50	0.022	0.00	2.22
227.50	230.00	615668	2.50	0.014	0.00	2.27
230.00	232.50	615669	2.50	0.012	0.00	2.22
232.50	235.00	615670	2.50	0.028	0.00	3.10
232.50	235.00	615671	2.50			
235.00	237.50	615672	2.50	0.024	0.00	3.08

HOLE NUMBER: ND-09-95

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5471.946	CONTRACTOR:	Atlas
EAST:	1899.272	LOGGED BY:	GLR
ELEVATION:	1082.075	DRILLING DATES:	19/09/2009 TO 21/09/2009
LENGTH (m):	172.82	LOG DATE	22/09/2009
CASING:	9.2	DIP / AZIMUTH:	-45.0 / 260
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J2

DEPTH (m)	DIP	AZIMUTH
0.00	-44.40	261.00
14.33	-44.40	261.00
32.61	-41.30	268.40
41.76	-44.40	252.20
50.90	-44.10	258.80
60.05	-44.50	259.40
69.19	-44.20	260.30
78.33	-44.20	261.00
87.48	-44.30	258.50
96.62	-44.10	260.40
105.77	-44.20	260.00
114.91	-44.50	259.90
124.05	-44.10	259.90
133.20	-44.40	260.40
142.34	-44.30	262.40
151.49	-44.10	261.20
160.63	-44.40	260.80
169.77	-44.10	260.80

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-95

Logged by: GLR Date: 09/04/2010

From	To	Rocktype	& Description
0.00	9.15	CASE	
9.15	40.87	Monzonite	MZf Brown fine textured monz. Mostly massive but some local fracturing with albite/calcite infilling. Some fine diss'd pyrite. « kspar 3.00»« albite 3.00»« magnetite 1.00»« pyrite 0.10%» 15.82 - 16.95 MFdk 20.03 - 23.34 MFdk 23.34 - 29.27 fkMZ(dk?)
40.87	46.58	bxMZ	bxMZ Some local bx'n with mag-rich matrix containing some nice blebby cp. Only about 10% of unit is bx though. Fine diss'd pyrite along with the cp. Unit may average 0.25% cp overall but locally of course it is much better. « kspar 4.00»« albite 3.00»« magnetite 3.00»« chalcopyrite 0.25%»« pyrite 0.15%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
9.15	11.28	615676	2.13	0.020	0.01	3.18
11.28	14.33	615677	3.05	0.016	0.00	2.50
14.33	15.00	615678	0.67	0.011	0.00	2.60
15.00	15.00	615679	0.00			
15.00	17.50	615680	2.50	0.010	0.00	4.60
17.50	20.00	615681	2.50	0.009	0.00	3.62
20.00	22.50	615682	2.50	0.012	0.02	5.17
22.50	25.00	615683	2.50	0.013	0.00	3.81
25.00	25.00	615684	0.00			
25.00	27.50	615685	2.50	0.021	0.00	2.13
27.50	30.00	615686	2.50	0.015	0.00	3.14
30.00	32.50	615687	2.50	0.015	0.00	3.58
32.50	35.00	615688	2.50	0.017	0.00	3.63
32.50	35.00	615689	2.50			
35.00	37.50	615690	2.50	0.026	0.00	3.63
37.50	40.87	615691	3.37	0.029	0.02	3.56
40.87	42.50	615692	1.63	0.505	0.21	5.26
42.50	45.00	615693	2.50	0.035	0.02	4.77
45.00	46.58	615694	1.58	0.617	0.21	9.85

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-95

Logged by: GLR

Date: 09/04/2010

From	To	Rocktype	& Description
46.58	77.64	Monzonite	fkMZf Not sure if this one big dyke, I don't think so, probably just a unit that happens to be slightly porphyritic. Some local bx'n and calcite/albite infilling. Fine diss'd pyrite throughout. « kspar 4.00»« albite 3.00»« magnetite 1.00»« pyrite 0.50%»
77.64	80.79	bxMZ	bxMZ Weak bx'n throughout the unit. Gives the core a mottled appearance. Clasts are rounded and average 2cm. Matrix is non-magnetic albite and dark mafics (chlorite?). Some fine diss'd cp but again only locally. « kspar 4.00»« albite 3.00»« chalcopyrite 0.10%»
80.79	100.90	Monzonite	fkMZf Fine textured massive brown monz with fine potassic feldspar phenos sprinkled throughout. Trace amounts of fine diss'd pyrite. Some bleaching and shearing at 88.38m.

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
46.58	47.50	615695	0.92	0.024	0.00	3.88
47.50	50.00	615696	2.50	0.031	0.00	3.78
50.00	52.50	615697	2.50	0.025	0.00	3.93
52.50	55.28	615698	2.78	0.029	0.00	4.08
55.28	57.50	615699	2.22	0.025	0.00	2.42
57.50	60.00	615700	2.50	0.008	0.00	2.40
60.00	62.50	615701	2.50	0.012	0.00	2.57
62.50	65.00	615702	2.50	0.007	0.00	3.88
65.00	67.50	615703	2.50	0.008	0.00	3.86
67.50	70.00	615704	2.50	0.012	0.00	3.81
70.00	72.50	615705	2.50	0.013	0.00	3.65
72.50	72.50	615706	0.00			
72.50	75.00	615707	2.50	0.018	0.00	4.08
75.00	77.64	615708	2.64	0.015	0.00	3.82
77.64	80.79	615709	3.15	0.076	0.02	4.16
80.79	82.50	615710	1.71	0.053	0.02	3.02
82.50	85.00	615711	2.50	0.010	0.00	2.49
85.00	87.50	615712	2.50	0.017	0.00	2.58
87.50	90.00	615713	2.50	0.011	0.00	3.12
87.50	90.00	615714	2.50			
90.00	92.50	615715	2.50	0.016	0.00	2.70
92.50	95.00	615716	2.50	0.014	0.00	2.13
95.00	97.50	615717	2.50	0.011	0.00	2.27
97.50	100.00	615718	2.50	0.016	0.00	2.32
100.00	102.50	615719	2.50	0.019	0.00	3.25

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-95

Logged by: GLR

Date: 09/04/2010

From	To	Rocktype & Description
100.90	108.60	Fault - fragmental Fault Zone Main fault zone is from 105.50 to 107.60m. A few chunks of albite/calcite veining. The rest of the unit is Rock is a little gougey and bleached light grey.
108.60	112.60	bxMZ bxMZ More mottled weak breccia. Only weak local cp noted. Non-magnetic dak matrix material. About 0.5% fine diss'd pyrite throughout. « kspar 4.00»« albite 2.00»« chalcopyrite 0.10%»« pyrite 0.50%»
112.60	127.61	Monzonite fkMZf Fine textured massive brown monz with fine potassic feldspar phenos sprinkled throughout. Up to 1% fine diss'd pyrite. Sharp lower contact looks like this intruded the unit below. « kspar 3.00»« albite 2.00»« pyrite 0.50%»
127.61	141.14	Monzonite MZf Dark brown fine textured massive monz. Very fine diss'd pyrite up to 1% locally but more like 0.25% overall. « kspar 2.00»« albite 1.00»« pyrite 0.25%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
102.50	102.50	615720	0.00			
102.50	105.00	615721	2.50	0.022	0.00	3.64
105.00	107.50	615722	2.50	0.054	0.02	3.68
107.50	108.00	615723	0.50	0.071	0.03	2.90
108.00	110.00	615724	2.00	0.049	0.00	3.26
110.00	112.60	615725	2.60	0.037	0.00	3.36
112.60	112.60	615726	0.00			
112.60	115.00	615727	2.40	0.011	0.00	2.19
115.00	117.50	615728	2.50	0.007	0.00	3.08
117.50	120.00	615729	2.50	0.016	0.00	3.33
120.00	122.50	615730	2.50	0.032	0.00	3.04
122.50	125.00	615731	2.50	0.016	0.00	2.65
125.00	127.50	615732	2.50	0.033	0.00	3.21
127.50	130.00	615733	2.50	0.012	0.00	4.16
127.50	130.00	615734	2.50			
130.00	132.50	615735	2.50	0.013	0.00	4.34
132.50	135.00	615736	2.50	0.011	0.00	4.38
135.00	137.50	615737	2.50	0.011	0.00	4.50
137.50	140.00	615738	2.50	0.012	0.00	4.65
140.00	140.00	615739	0.00			

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-95

Logged by: GLR

Date: 09/04/2010

From	To	Rocktype	& Description
141.14	142.16	MFdk	MFdk Black fine textured groundmass. A few mafic phenos, a mix of hornblende and pyroxene. Sharp chilled contacts. Upper is irregular lower is at 45 to ca.
142.16	161.11	Monzonite	fkMZf Fine textured massive brown monz with fine potassic feldspar phenos sprinkled throughout. Up to 1% fine diss'd pyrite. 148.52 - 148.94 MFdk. Sharp contacts at 70 and 60 to ca « k3.00»« albite 1.00»« pyrite 0.50%»
161.11	167.35	FBXm	FBXm Mono-mictic bx'd monz. Clasts average 1.5cms. Matrix is dark grey, albite rich and contains small amounts of magnetite as 1-2mm magnetite crystals. Fine diss'd pyrite and a little pyrite blebs as well. No cp though. A few pink albite/calcite veins/fracture filling at 35 to ca. « kspar 4.00»« albite 3.00»« pyrite 0.50%»« magnetite 2.00»
167.35	172.82	Monzonite	fkMZf Fine textured massive brown monz with fine potassic feldspar phenos sprinkled throughout. Up to 1% fine diss'd pyrite. « kspar 3.00»« albite 1.00»« pyrite 0.10%» 170.14 - 170.60 Monz dyke.45 degree contacts.
172.82	172.82	End of hole	

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
140.00	142.50	615740	2.50	0.010	0.00	3.28
142.50	145.00	615741	2.50	0.011	0.00	2.43
145.00	147.50	615742	2.50	0.014	0.00	2.55
147.50	147.50	615743	0.00			
147.50	150.00	615744	2.50	0.008	0.00	2.83
150.00	152.50	615745	2.50	0.008	0.00	3.06
152.50	155.00	615746	2.50	0.012	0.00	3.13
155.00	157.50	615747	2.50	0.010	0.01	3.07
157.50	160.00	615748	2.50	0.012	0.00	3.08
157.50	160.00	615749	2.50			
160.00	161.11	615750	1.11	0.013	0.00	3.08
161.11	162.50	615751	1.39	0.039	0.00	4.00
162.50	165.00	615752	2.50	0.069	0.02	4.38
165.00	167.35	615753	2.35	0.061	0.02	4.80
167.35	170.00	615754	2.65	0.011	0.00	3.03
170.00	172.82	615755	2.82	0.015	0.00	2.91

HOLE NUMBER: ND-09-96

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5462.462	CONTRACTOR:	Atlas
EAST:	1779.534	LOGGED BY:	GLR/CR
ELEVATION:	1079.355	DRILLING DATES:	21/09/2009 TO 23/09/2009
LENGTH (m):	188.06	LOG DATE	23/09/2009
CASING:	3.1	DIP / AZIMUTH:	-45.0 / 260
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J4

DEPTH (m)	DIP	AZIMUTH
0.00	-45.30	258.60
20.42	-45.30	258.60
29.57	-45.20	259.40
38.71	-45.30	257.90
47.85	-45.30	259.00
57.00	-45.40	259.50
66.14	-45.30	260.10
75.29	-45.60	258.90
84.43	-45.50	256.70
93.57	-45.50	258.80
102.72	-45.60	260.80
111.86	-45.70	260.00
121.01	-45.80	259.70
130.15	-45.80	259.80
139.29	-45.80	258.80
148.44	-46.00	260.90
157.58	-46.10	258.60
166.73	-46.00	261.00

HOLE NUMBER: ND-09-96

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

NORTH:	5462.462	CONTRACTOR:	Atlas
EAST:	1779.534	LOGGED BY:	GLR/CR
ELEVATION:	1079.355	DRILLING DATES:	21/09/2009 TO 23/09/2009
LENGTH (m):	188.06	LOG DATE	23/09/2009
CASING:	3.1	DIP / AZIMUTH:	-45.0 / 260
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J4

DEPTH (m)	DIP	AZIMUTH
175.87	-46.10	260.40
185.01	-46.20	265.40

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-96

Logged by: GLR/CR

Date: 08/04/2010

From	To	Rocktype	& Description
0.00	3.05	CASE	
3.05	7.30	Monzonite	fkMZf Brown massive fine textured monz. A sprinkling of fine potassic feldspar phenos. Trace to 0.25% diss'd pyrite. « kspar 4.00»« albite 2.00»« pyrite 0.10%»
7.30	22.80	Monzonite	MZf Dark grey/brown fine textured monz. Only a little weak fracturing but contains some nice cp! Fine garnet in veinlets. Some coarse cp as fracture filling along with calcite. Also several calcite frac-filling that have no cp. At least 0.5% very fine diss'd pyrite. At 20.68m there is a 4cm wide massive sulphide vein at 40 to ca. Equal amounts of cp and pyrite along with about 5% albite/calcite. « kspar 2.00»« albite 2.00»« magnetite 1.00»« chalcopyrite 0.25%»« pyrite 0.50%»
22.80	51.61	Monzonite	Porphyritic light pink monozite. Shready 4-12mm salmon pink K-feldspar phenocrysts in medium groundmas of minor augite??, k-feldspar and very minor magnetite. Weak fracturing with fine diss pyrite and Chpy. Late crosscutting veinlets of clacite, minor rhodocrosite. « pyrite 0.25%»« chalcopyrite 0.01%»« kspar 3.00»« albite 1.00»« magnetite 1.00»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
3.05	5.18	615756	2.13	0.012	0.00	3.15
5.18	7.50	615757	2.32	0.039	0.02	3.18
7.50	10.00	615758	2.50	0.019	0.00	3.38
10.00	12.50	615759	2.50	0.014	0.00	3.62
12.50	15.00	615760	2.50	0.086	0.03	3.86
15.00	17.50	615761	2.50	0.242	0.08	2.96
17.50	20.00	615762	2.50	0.478	0.15	4.35
20.00	22.50	615763	2.50	0.905	0.29	4.90
22.50	25.00	615764	2.50	0.083	0.03	3.00
25.00	27.50	615765	2.50	0.087	0.03	3.01
27.50	27.50	615766	0.00			
27.50	30.00	615767	2.50	0.034	0.01	2.90
30.00	32.50	615768	2.50	0.032	0.00	2.63
32.50	35.00	615769	2.50	0.036	0.00	2.85
35.00	37.50	615770	2.50	0.023	0.00	2.52
37.50	40.00	615771	2.50	0.010	0.00	2.55
40.00	42.50	615772	2.50	0.012	0.00	2.70
42.50	45.00	615773	2.50	0.016	0.00	2.74
45.00	47.50	615774	2.50	0.023	0.00	2.27
47.50	50.00	615775	2.50	0.019	0.00	2.25
50.00	52.50	615776	2.50	0.037	0.01	2.60

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-96

Logged by: GLR/CR Date: 08/04/2010

From	To	Rocktype	& Description
51.61	55.57	Fragment Breccia	clmFBXci K-felspar altered monomict breccia. Angular <10cm clasts of monzonite, predominantely matrix supported. Matrix is composed of clorite, albite and <.5%py and has a green color « pyrite 0.10%»« chalcopyrite 0.01%»« kspar 3.00»« magnetite 1.00»« albite 1.00»
55.57	62.50	Monzonite	sp f kMZf Highly fractured zone of monzonite. Fine to medium groundmass of k-spar and weak chlorite. Moderate to strong k-par alteration. shready sericite disseminated throughout. K- spar phenocrysts <3mm. Late crosscutting calcite, abite, fluorite and rhodochrosite « pyrite 0.10%»cp« chalcopyrite 0.01%»« albite 1.00»« kspar 4.00»« magnetite 1.00
62.50	79.60	Fragment Breccia	clpFBXmi Strongly altered breccia zone. Equalgranular fine to med monzonite with strong k-spar alteration. Supported by a matrix of fine chlorite, magnetite and sericite. Later <1cm shears of pyrite are common (1per meter). and are in turn crosscut by late <5mm cal - flourite - alb veins. « kspar 4.00»« albite 2.00»« pyrite 0.25%»« chalcopyrite 0.05%»« magnetite 3.00»
79.60	86.60	Monzodiorite	eMZm Medium grained equilgranular monozite. 15% <9mm clots of Chlor with very fine magnetite scattered throughout. « kspar 2.00»« chalcopyrite 0.01%»« albite 1.00»« magnetite 3.00»« pyrite

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
52.50	55.00	615777	2.50	0.051	0.03	3.82
55.00	57.50	615778	2.50	0.051	0.02	3.05
55.00	57.50	615779	2.50			
57.50	60.00	615780	2.50	0.012	0.00	2.34
60.00	62.50	615781	2.50	0.008	0.00	2.45
62.50	65.00	615782	2.50	0.070	0.02	3.93
65.00	67.50	615783	2.50	0.144	0.05	5.27
67.50	70.00	615784	2.50	0.203	0.08	4.78
70.00	72.50	615785	2.50	0.260	0.08	2.68
72.50	72.50	615786	0.00			
72.50	75.00	615787	2.50	0.072	0.03	4.20
75.00	77.50	615788	2.50	0.165	0.05	4.36
77.50	80.00	615789	2.50	0.124	0.04	4.41
77.50	80.00	615790	2.50			
80.00	82.50	615791	2.50	0.086	0.03	4.18
82.50	85.00	615792	2.50	0.063	0.02	4.11

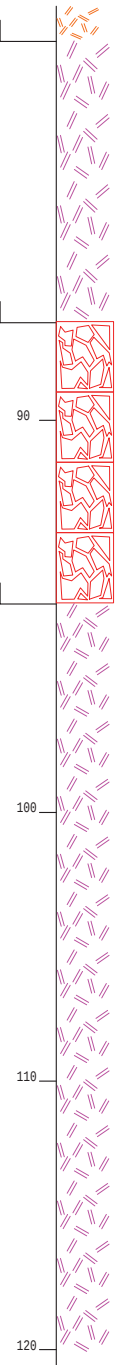
Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-96

Logged by: GLR/CR Date: 08/04/2010

From	To	Rocktype	& Description
			0.20%»
86.60	88.81	Monzonite	spckMZf K-spar porphyry Large (<13mm) secondary K-par after plag in a fine groundmass of albite, chlor, ser and kspar. Trace fine crosscutting calcite veinlets. Very fine disseminated pyrite throughout. Some rare clots of mag « kspar 3.00»« albite 1.00»« pyrite 0.20%»« magnetite 1.00»
88.81	92.20	Fragment Breccia	mxFBXmiK Pink/green monomict matrix supported breccia. Clasts of equilgranular monozite in a matrix composed of fine shready chlorite and rarer garnet with trace pyrite. 30% matrix « kspar 2.00»« albite 1.00»« magnetite 2.00»« pyrite 0.20%»
92.20	133.05	Monzonite	Long intersection through weakly porphyritic tan colored monozite. Phenos consist of <15mm secondary k-spar (replacing plg??) ocupying <10% of the rock. Phenos of <5mm augite occupy <10% of the rock. Groundmass consists of fine k-spar, augite and chlor. Structure and veining: The rock is crosscut by fine 1-2mm calcite-alb stringers (30 veins per met). Mineralisation:



From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
85.00	87.50	615793	2.50	0.038	0.01	3.95
87.50	90.00	615794	2.50	0.031	0.01	3.60
90.00	92.50	615795	2.50	0.066	0.03	4.65
92.50	95.00	615796	2.50	0.021	0.00	2.16
95.00	97.50	615797	2.50	0.011	0.00	2.15
97.50	97.50	615798	0.00			
97.50	100.00	615799	2.50	0.012	0.00	2.13
100.00	102.50	615800	2.50	0.018	0.00	2.22
102.50	105.00	615801	2.50	0.017	0.00	2.21
105.00	107.50	615802	2.50	0.014	0.00	2.18
107.50	110.00	615803	2.50	0.015	0.02	2.15
110.00	112.50	615804	2.50	0.009	0.00	2.11
112.50	115.00	615805	2.50	0.015	0.00	2.16
115.00	115.00	615806	0.00			
115.00	117.50	615807	2.50	0.018	0.00	2.04
117.50	120.00	615808	2.50	0.012	0.00	2.06
120.00	122.50	615809	2.50	0.008	0.00	2.20
122.50	125.00	615810	2.50	0.012	0.00	2.55
122.50	125.00	615811	2.50			
125.00	127.50	615812	2.50	0.012	0.00	4.01
127.50	130.00	615813	2.50	0.010	0.00	4.16
130.00	132.50	615814	2.50	0.028	0.00	2.55
132.50	135.00	615815	2.50	0.039	0.02	3.10

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-96

Logged by: GLR/CR Date: 08/04/2010

From	To	Rocktype	& Description
133.05	149.50	FBXk	clFBXmi Brecciated porphyritic monozite, clast supported. 1-10cm clasts with fractures containing chrlorite, garnet and mag. MOnomict but very rare clasts of basalt are also seen. py « pyrite 0.10%»« chalcopyrite 0.01%»« kspar 4.00»« magnetite 3.00»« garnet 4.00»
149.50	161.43	Monzonite	crmkMZf Porphyritic monzonite. <10mm k-spar phenos in a fine groundmass of k-spar and aug. This rock is highly fractured (thus could almost be classed as a beccia). Fractures are generally less than .5mm in width. Early fractures consist of mag-chlor-aug-gar but are rare. Late fractures of calcite are very common and sometimes grade into crakle breccias. « kspar 3.00»« pyrite 0.10% « magnetite 2.00»
161.43	172.18	Fragment Breccia	clFBXcl Monzonite breccia. Strong k-alt. Fracture infill consists of chlor-gnt. Breccia is crosscut by late cacite - alb veins. Weak mag alt « kspar 4.00»« pyrite 0.25%»« albite 1.00»« garnet 1.00»
172.18	174.66	MFdk	

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
135.00	137.50	615816	2.50	0.030	0.01	2.57
137.50	140.00	615817	2.50	0.021	0.00	2.86
140.00	140.00	615818	0.00			
140.00	142.50	615819	2.50	0.024	0.00	3.47
142.50	145.00	615820	2.50	0.029	0.01	3.82
145.00	147.50	615821	2.50	0.069	0.02	4.18
147.50	150.00	615822	2.50	0.035	0.02	3.98
150.00	152.50	615823	2.50	0.033	0.02	2.85
152.50	155.00	615824	2.50	0.016	0.01	2.95
155.00	155.00	615825	0.00			
155.00	157.50	615826	2.50	0.017	0.00	2.59
157.50	160.00	615827	2.50	0.018	0.01	3.02
160.00	162.50	615828	2.50	0.012	0.00	2.78
162.50	165.00	615829	2.50	0.015	0.00	3.25
165.00	167.50	615830	2.50	0.023	0.01	3.37
167.50	170.00	615831	2.50	0.029	0.02	2.74
170.00	172.50	615832	2.50	0.082	0.02	3.00
172.50	175.00	615833	2.50	0.004	0.01	4.67

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-96

Logged by: GLR/CR Date: 08/04/2010

From	To	Rocktype & Description
		Fine grained to aphanitic dike.brecciated contacts with albite infill. « albite 1.00»
174.66	179.95	Fragment Breccia
		clFBXmci Brecciated monozite with strong overprinting k-feldspar alt. Fractures are infilled with fine k-spar and garnet with trace sericite. Late <8mm calcite veining is very common. A larger 3cm albite - calcite vein is noted at 175.70. From 179.70 the rock is highly brecciated and bleached as it runs into a faultzone. An increase in magn is also noted. « magnetite 1.00»« kspar 4.00»« albite 1.00»
179.95	180.33	Fault - fragmental
		Fault zone Strongly brecciated and milled. Clasts are ploymict due to transportation. Weak magnetite. Strong clay alteration « magnetite 1.00»
180.33	188.06	Fragment Breccia
		clFBXmci Stronly k-altered brecia zone. Monomict with clasts of monzite. Origainal texture is destroyed due to kspar alt. Rock is a brown-pink color.
188.06	188.06	End of hole

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
175.00	177.50	615834	2.50	0.062	0.02	3.30
177.50	177.50	615835	0.00			
177.50	180.00	615836	2.50	0.015	0.00	3.49
180.00	182.50	615837	2.50	0.012	0.00	2.39
182.50	185.00	615838	2.50	0.024	0.02	3.62
182.50	185.00	615839	2.50			
185.00	187.50	615840	2.50	0.068	0.05	4.32
187.50	188.06	615841	0.56	0.021	0.01	3.41

HOLE NUMBER: ND-09-97

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5486.029	CONTRACTOR:	Atlas
EAST:	1724.834	LOGGED BY:	CR
ELEVATION:	1086.690	DRILLING DATES:	23/09/2009 TO 24/09/2009
LENGTH (m):	172.82	LOG DATE	24/09/2009
CASING:	3.1	DIP / AZIMUTH:	-90.0 / 0.0
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J5

DEPTH (m)	DIP	AZIMUTH
0.00	-89.60	347.50
20.42	-89.60	347.50
29.57	-89.70	319.40
38.71	-89.30	262.90
47.85	-89.90	233.00
57.00	-89.30	281.00
66.14	-89.30	278.90
75.29	-89.40	296.00
84.43	-89.70	234.40
93.57	-89.70	283.50
102.72	-89.70	219.20
111.86	-89.50	325.40
121.01	-89.70	237.70
139.29	-89.70	235.50
148.44	-89.80	282.20
157.58	-89.70	256.60
166.73	-89.10	292.10

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-97

Logged by: CR

Date: 08/04/2010

From	To	Rocktype	& Description
0.00	3.05	CASE	
3.05	7.80	Fragment Breccia	clmFBX Mod K-spar altered breccia with chlorite - garnet matrix infill . Crosscutting <5mm fractures of calcite with <2cm selvages of hematite alteration (1 per met). Disseminated mag throughout. k « kspar 2.00»« albite 1.00»« magnetite 2.00»
7.80	33.23	Monzonite	crckMZm brown - orange monzonite 8-10mm kspar in a medium groundmass of kspar and augite. Weak to moderate fracturing with augite and garnet with trace pyr fine noted <30 veins per met. Late calcite - rhodo stringers « magnetite 2.00»« kspar 3.00»« albite 1.00»« pyrite 0.20%»«« galena 0.50%»
33.23	48.47	FBXp	mxpFBX Polymict breccia. Clasts of augite and kspar porphyry <20cm diameter in a fragmented groundmass of small crushed clasts and an alteration cement of garnet, augite and chlorite. Fine calcite veining makes up 1% of the rockmass. Clasts become more K-spar dominant down hole and grades into brecciated monomict porphyry (see next) « magnetite 2.00»« kspar 2.00»« galena 1.00%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
3.05	5.00	615842	1.95	0.071	0.02	3.29
5.00	7.50	615843	2.50	0.053	0.02	3.15
7.50	10.00	615844	2.50	0.040	0.01	2.75
7.50	10.00	615845	2.50			
10.00	12.50	615846	2.50	0.012	0.00	2.41
12.50	15.00	615847	2.50	0.027	0.00	2.34
15.00	17.50	615848	2.50	0.010	0.00	2.49
17.50	20.00	615849	2.50	0.020	0.01	2.30
20.00	22.50	615850	2.50	0.018	0.01	2.34
22.50	25.00	615851	2.50	0.022	0.00	2.20
25.00	27.50	615852	2.50	0.012	0.00	2.35
27.50	27.50	615853	0.00			
27.50	30.00	615854	2.50	0.010	0.00	2.51
30.00	32.50	615855	2.50	0.015	0.00	2.40
32.50	35.00	615856	2.50	0.036	0.00	3.12
35.00	37.50	615857	2.50	0.085	0.01	3.60
37.50	40.00	615858	2.50	0.062	0.02	3.55
40.00	42.50	615859	2.50	0.049	0.02	4.15
42.50	45.00	615860	2.50	0.034	0.00	4.33
45.00	47.50	615861	2.50	0.072	0.03	3.43
47.50	50.00	615862	2.50	0.041	0.02	4.49

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-97

Logged by: CR

Date: 08/04/2010

From	To	Rocktype & Description
48.47	61.60	Fragment Breccia
		clmFBX
		Monomict K-spar porphyry with strong brecciation. Clast supported and weakly transported. Porphyry clasts contain <10mm kpar in a fine graoundmass of secondary kspar. Fractures are infilled by a cement of augite - garnet - hematite (tr) - mag- and fine disseminted pyrite.
		Late 4mm calcite vein crosscutting
		« kspar 4.00»« albite 1.00»« magnetite 1.00»
61.60	69.60	Monzonite
		fMD
		Fine grained equilgranular brown monzonite. Rock contains <30% <8mm green clots (related to the previous breccia) of chlorite, garnet and magnetite
		« magnetite 2.00»« kspar 1.00»« galena 0.50%»
69.60	89.63	FBXm
		mxmFBX
		Brecciated monzonite. Clasts of porphyritic to rarer equilgranular monzonite in a hydrothermal cement of garnet - chlorite and trace fine pyrite. 2% of the rock consists of fine calcite stringers with late rhodo
		« magnetite 3.00»« kspar 1.00»« pyrite 0.20%»
89.63	101.00	Monzonite
		crmkMZf
		Porphyritic monzonite. <8mm shready k-spar in a fine kspar chrlorite groundmass. Moderately fractured and clotted. Fractures contain chlorite, magnetite , garnet and pyrite.

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
50.00	52.50	615863	2.50	0.041	0.00	2.40
52.50	55.00	615864	2.50	0.041	0.00	1.86
55.00	57.50	615865	2.50	0.046	0.00	2.06
57.50	60.00	615866	2.50	0.036	0.00	3.19
60.00	62.50	615867	2.50	0.036	0.01	4.63
62.50	65.00	615868	2.50	0.037	0.00	4.42
62.50	65.00	615869	2.50			
65.00	67.50	615870	2.50	0.008	0.00	4.68
67.50	70.00	615871	2.50	0.009	0.00	4.45
70.00	72.50	615872	2.50	0.030	0.00	4.93
72.50	75.00	615873	2.50	0.027	0.00	4.75
75.00	77.50	615874	2.50	0.018	0.00	3.98
77.50	80.00	615875	2.50	0.025	0.01	4.80
77.50	80.00	615876	2.50			
80.00	82.50	615877	2.50	0.022	0.01	4.51
82.50	85.00	615878	2.50	0.018	0.00	4.55
85.00	87.50	615879	2.50	0.017	0.00	5.49
87.50	90.00	615880	2.50	0.015	0.01	5.35
90.00	92.50	615881	2.50	0.010	0.00	2.77
92.50	95.00	615882	2.50	0.009	0.00	2.76
95.00	97.50	615883	2.50	0.006	0.00	2.74
95.00	97.50	615884	2.50			
97.50	100.00	615885	2.50	0.006	0.00	2.79

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-97

Logged by: CR

Date: 08/04/2010

From	To	Rocktype	& Description
			« magnetite 2.00»« kspar 2.00»« pyrite 0.20%»« galena 0.50%»
101.00	101.70	FBXm	mxmFBXmi Brecciated porphyritic k-spar. Rock contains 30% fracture infill. Infill consists of chlor - garnet -mag with trace fine pyrite. m« magnetite 2.00»« kspar 2.00»« galena 0.50%»
101.70	105.96	Monzonite	spmkMZf Pink Kspar porphyry, <6mm shready K-spar in a fine groundmass of kspar-chlorite-mag. Rare fracture infilled with chlorite-garnet-tr mag « kspar 2.00»« magnetite 1.00»« galena 0.20%»
105.96	110.21	FBXm	mxmFXB Monolithic K-spar breccia. 30% infill. Clasts are composed of fine grained equilgranular monozite. Infill of chlorite - light colored silicate (could be albite) and garnet. « magnetite 1.00»« kspar 2.00»« albite 1.00»« galena 0.50%»
110.21	144.50	Monzonite	spmMZm weakly porphyritic monozite, occasional patches of shready larger k-spar. Rare 40mm xenoliths of mafic material. 1% 3mm fractures with chlorite - garnet - magnetite. Rare late calcite -fluorite veinlets with brittle walls and crakle breccias. From 133 meters the rock becomes more equilgranular and brecciated with some magnetite. « magnetite 2.00»« kspar 2.00»« albite 1.00»« galena 0.20%

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
100.00	102.50	615886	2.50	0.008	0.00	2.57
102.50	105.00	615887	2.50	0.009	0.00	2.72
105.00	105.00	615888	0.00			
105.00	107.50	615889	2.50	0.009	0.00	3.31
107.50	110.00	615890	2.50	0.013	0.00	4.93
110.00	112.50	615891	2.50	0.008	0.00	2.84
112.50	115.00	615892	2.50	0.009	0.00	3.70
115.00	117.50	615893	2.50	0.019	0.00	3.47
117.50	117.50	615894	0.00			
117.50	120.00	615895	2.50	0.011	0.00	3.57
120.00	122.50	615896	2.50	0.011	0.00	3.65
122.50	125.00	615897	2.50	0.011	0.00	3.57
125.00	127.50	615898	2.50	0.011	0.00	3.28
127.50	130.00	615899	2.50	0.010	0.00	3.61
130.00	132.50	615900	2.50	0.010	0.00	3.48
132.50	135.00	615901	2.50	0.024	0.00	3.89
135.00	137.50	615902	2.50	0.013	0.00	4.26
137.50	140.00	615903	2.50	0.016	0.00	4.34
140.00	142.50	615904	2.50	0.014	0.00	3.94
140.00	142.50	615905	2.50			

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-97

Logged by: CR

Date: 08/04/2010

From	To	Rocktype	& Description
			140
144.50	144.70	AN	Fine to medium andesite dike.
144.70	147.15	Monzonite	spcMZf Pink porphyry with shready pink k-spar in a fine k-spar groundmass. .5% of the rock is contains <8mm clots of chlorite and trace magnetite. The rocks becomes green colored towards the bottom contact. due to chlorite alteration from an intruding dike. « kspar 2.00»« magnetite 1.00»
147.15	151.13	AN	Mafic dike with rare k-spar fragments. Strongly chlorite altered and sheared
			150
151.13	152.28	bxMZ	Brecciated monzonite. Strong bleaching of the rock due to calcite that is possibly associated with the preceding dike. Early breccia with mag-chlor infill is overprinted by late stage crackle breccias snd veins with infilling calcite. Rock is composed of 20% matrix « albite 2.00»« kspar 2.00»« magnetite 2.00»
152.28	172.82	bxMZ	mxBxMZ Brecciated monzonite. Clasts contain k-spar phenos <15mm in a fine groundmass. Matrix makes up 10-20% of the rorck mass and is composed of fine chlorite - albite and trace mag. « kspar 1.00»« magnetite 2.00»« albite 1.00»
			160

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
142.50	145.00	615906	2.50	0.022	0.00	4.14
145.00	147.16	615907	2.16	0.009	0.00	3.39
147.16	147.50	615908	0.34	0.006	0.00	4.32
147.50	150.00	615909	2.50	0.041	0.00	5.49
150.00	151.13	615910	1.13	0.004	0.00	5.33
151.13	151.13	615911	0.00			
151.13	152.50	615912	1.37	0.015	0.00	2.77
152.50	155.00	615913	2.50	0.014	0.01	5.12
155.00	157.50	615914	2.50	0.026	0.01	3.92
157.50	160.00	615915	2.50	0.018	0.01	3.24
160.00	162.50	615916	2.50	0.012	0.03	4.65
162.50	165.00	615917	2.50	0.009	0.04	3.65
165.00	167.50	615918	2.50	0.013	0.02	3.67
167.50	167.50	615919	0.00			
167.50	170.00	615920	2.50	0.012	0.00	3.84
170.00	172.82	615921	2.82	0.006	0.00	3.23

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-97

Logged by: CR

Date: 08/04/2010

From	To	Rocktype & Description
		
170		
172.82	172.82	End of hole

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)

HOLE NUMBER: ND-09-98

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5462.370	CONTRACTOR:	Atlas
EAST:	1881.497	LOGGED BY:	CR
ELEVATION:	1085.142	DRILLING DATES:	24/09/2009 TO 29/09/2009
LENGTH (m):	413.61	LOG DATE	26/09/2009
CASING:	9.1	DIP / AZIMUTH:	-90.0 / 0.0
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J8

DEPTH (m)	DIP	AZIMUTH
0.00	-89.50	354.10
8.23	-89.50	354.10
17.37	-89.50	350.80
26.52	-89.30	353.70
35.66	-88.60	328.20
44.81	-88.80	354.80
53.95	-89.70	336.00
63.09	-89.30	6.30
72.24	-89.50	314.10
81.38	-89.60	170.20
90.53	-89.60	343.60
99.67	-89.50	18.00
108.81	-89.90	13.40
117.96	-89.60	341.60
127.10	-89.70	351.30
136.25	-89.80	322.00
145.39	-89.50	353.70
154.53	-89.40	350.70

HOLE NUMBER: ND-09-98

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5462.370	CONTRACTOR:	Atlas
EAST:	1881.497	LOGGED BY:	CR
ELEVATION:	1085.142	DRILLING DATES:	24/09/2009 TO 29/09/2009
LENGTH (m):	413.61	LOG DATE	26/09/2009
CASING:	9.1	DIP / AZIMUTH:	-90.0 / 0.0
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J8

DEPTH (m)	DIP	AZIMUTH
163.68	-89.20	350.20
172.82	-89.40	5.20
181.97	-89.40	319.30
191.11	-89.30	334.60
200.25	-89.30	22.20
209.40	-89.30	9.50
218.54	-89.20	3.50
227.69	-89.10	37.50
236.83	-89.20	6.10
245.97	-89.30	16.20
255.12	-89.10	349.60
264.26	-89.20	10.40
273.41	-89.10	18.60
282.55	-88.90	18.00
291.69	-89.20	14.80
300.84	-89.00	353.50
309.98	-88.70	344.40
319.13	-89.10	19.80

HOLE NUMBER: ND-09-98

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5462.370	CONTRACTOR:	Atlas
EAST:	1881.497	LOGGED BY:	CR
ELEVATION:	1085.142	DRILLING DATES:	24/09/2009 TO 29/09/2009
LENGTH (m):	413.61	LOG DATE	26/09/2009
CASING:	9.1	DIP / AZIMUTH:	-90.0 / 0.0
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J8

DEPTH (m)	DIP	AZIMUTH
328.27	-89.00	3.90
337.41	-89.10	347.00
346.56	-89.00	0.70
355.70	-89.10	352.70
364.85	-89.00	3.10
373.99	-88.80	1.80
383.13	-89.10	355.90
392.28	-88.70	358.50
401.42	-88.90	2.50
410.57	-88.90	352.90

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-98

Logged by: CR

Date: 08/04/2010

From	To	Rocktype	& Description
0.00	9.14	CASE	
9.14	16.50	Monzonite	crmkMZf Porphyritic Monzonite. 5mm K-spar and unknown grey green silicate phenos in a fine k-feldspar groundmass. « kspar 4.00»« magnetite 1.00»
16.50	24.65	Augite Porphyry Dyke	AP dk Dark grey augite porphyry dike. 4mm augite pheno's in a aphanite groundmass.
24.65	37.90	Monzonite	crckMZf Pink - brown porpyritic monzonite, <15mm k-spar phenos in fine k-spar rich groundmass. Tr late calcite vinlets. An increase of fine pyrite is noted from 35.5 met « kspar 2.00»« magnetite 2.00»« pyrite 0.20%»
37.90	42.90	Fragment Breccia	mxmFBX Black - brown mIneralised porphyritic monozite breccia. Medium grained equilgranular k-spar monzonzite clasts in a matrix of sub-massive magnetite - chlorite - pyrite - garnet and chalcopyrite. 15% matrix. « chalcopyrite 1.00%»« magnetite 4.00»« kspar 2.00»« galena 2.00%»
42.90	81.70	Monzonite	crmkMZf Brown unmineralised monzonite. <8mm K-spar in fine pink-brown groundmass. A smaller phenocryst is noted. Possible pyroxene??

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
9.14	11.28	615922	2.14	0.007	0.00	2.26
11.28	12.50	615923	1.22	0.008	0.00	2.26
12.50	14.33	615924	1.83	0.008	0.00	2.28
14.33	14.33	615925	0.00			
14.33	16.50	615926	2.17	0.008	0.00	2.23
16.50	17.50	615927	1.00	0.013	0.00	6.67
17.50	20.00	615928	2.50	0.013	0.00	6.83
17.50	20.00	615929	2.50			
20.00	22.50	615930	2.50	0.014	0.00	5.89
22.50	24.65	615931	2.15	0.012	0.00	6.44
24.65	25.00	615932	0.35	0.013	0.00	2.73
25.00	27.50	615933	2.50	0.016	0.01	2.58
27.50	30.00	615934	2.50	0.012	0.01	2.33
30.00	32.50	615935	2.50	0.010	0.00	2.16
32.50	35.00	615936	2.50	0.012	0.00	2.47
35.00	37.50	615937	2.50	0.033	0.02	3.00
37.50	37.90	615938	0.40	0.357	0.29	2.60
37.90	37.90	615939	0.00			
37.90	40.00	615940	2.10	2.030	0.46	7.56
40.00	42.50	615941	2.50	0.789	0.37	5.78
42.50	42.90	615942	0.40	0.611	0.26	6.49
42.90	42.90	615943	0.00			
42.90	45.00	615944	2.10	0.013	0.02	2.38
45.00	47.50	615945	2.50	0.013	0.01	2.19
47.50	50.00	615946	2.50	0.015	0.01	2.17
50.00	52.50	615947	2.50	0.013	0.00	2.11
52.50	55.00	615948	2.50	0.015	0.00	2.19

Mount Polley Project

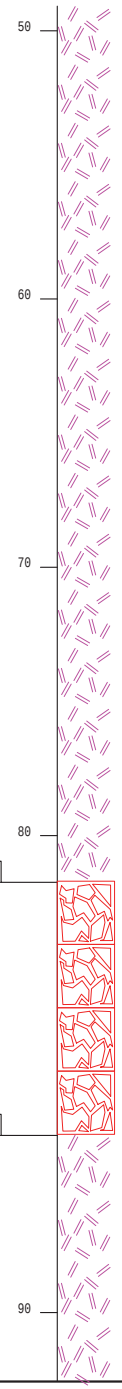
Diamond Drill Log

Hole Number: ND-09-98

Logged by: CR

Date: 08/04/2010

From	To	Rocktype	& Description
« kspar 2.00»« magnetite 1.00»			
81.70	83.10	Fragment Breccia	mxmFBX Monomict brecciated monzonite. Clasts of crmfMZf hosted in a matrix of garnet, amp, trace mag and trace pyrite. Matrix makes up 15% of the rock. k « kspar 2.00»« magnetite 1.00»« garnet 2.00»
83.10	92.90	Monzonite	crckMZf Brown monzonite. <18mm k-spar pheno's in a fine to medium groundmass of k-spar and pyroxene. weak to moderate fractureing and some weak brecciation noted. Dark clots are common. Some of which contain magnetite and pyrite. Very fine disseminated pyrite is common « kspar 2.00»« pyrite 0.80%»« magnetite 1.00»



From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
52.50	55.00	615949	2.50			
55.00	57.50	615950	2.50	0.012	0.00	2.36
57.50	60.00	615951	2.50	0.013	0.00	2.26
60.00	62.50	615952	2.50	0.009	0.00	2.24
62.50	65.00	615953	2.50	0.009	0.00	2.27
65.00	67.50	615954	2.50	0.012	0.00	2.28
67.50	70.00	615955	2.50	0.019	0.00	2.24
70.00	72.50	615956	2.50	0.008	0.00	2.26
72.50	75.00	615957	2.50	0.007	0.00	2.24
75.00	75.00	615958	0.00			
75.00	77.50	615959	2.50	0.008	0.00	2.24
77.50	80.00	615960	2.50	0.013	0.00	2.17
80.00	81.70	615961	1.70	0.012	0.00	2.29
81.70	83.10	615962	1.40	0.042	0.00	2.98
83.10	85.00	615963	1.90	0.014	0.00	2.45
85.00	87.50	615964	2.50	0.019	0.00	2.58
85.00	87.50	615965	2.50			
87.50	90.00	615966	2.50	0.018	0.00	2.67
90.00	92.50	615967	2.50	0.021	0.00	2.70

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-98

Logged by: CR

Date: 08/04/2010

From	To	Rocktype & Description
92.90	94.36	Fragment Breccia
		clmFBX
		Weak to moderately brecciated monzonite. 15% matrix. Clasts average 4cm in size. Matrix is commposed of Mag - chlorite - very fine amph?? Between 92.90 and 93.40 about 20 2mm magnetite veinlets are noted.
		« kspar 1.00»« magnetite 3.00»
94.36	96.94	Monzonite
		spmkMZf
		Monzonite, rare <5mm k-spar phenocrysts in a fine groundmass. The rock is moderatly brecciated. Very fine disseminated pyrite throughout.
		« kspar 1.00»« pyrite 0.50%»
		crckMZf
		Coarse grained pink-brown monzonite. <12mm k-spar in a fine groundmass. Moderately brecciated. 5% matrix. Matrix is composed of amp-garnet-tr mag and some very fine disseminated pyrite
		« kspar 1.00»« magnetite 1.00»« garnet 1.00»
		spmkMZf
		Porphylitic monzonite. Sparse <8mm phenocrysts in a fine groundmass. 5% <5mm dark mottles of chlor-amp-garnet. Weak to moderate brecciation.
		« kspar 1.00»« garnet 1.00»
		crckMZf
		Pink porphyritic monozite. <13mm k-spar in a fine groundmass of K-spar and pyroxene. Weak brecciation. Rare late stage calcite-rhodocrosite veinlets.
125.50	128.40	Fragment Breccia
		mxmFBX
		Brecciated monzonite. <5cm clasts of coarse grained monzonite in 15% matrix.

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
92.50	95.00	615968	2.50	0.020	0.00	2.78
95.00	95.00	615969	0.00			
95.00	97.50	615970	2.50	0.021	0.00	3.32
97.50	100.00	615971	2.50	0.015	0.00	2.97
100.00	102.50	615972	2.50	0.015	0.01	3.11
102.50	105.00	615973	2.50	0.019	0.00	2.94
105.00	107.50	615974	2.50	0.217	0.05	3.44
107.50	110.00	615975	2.50	0.083	0.03	3.47
110.00	112.50	615976	2.50	0.021	0.00	3.46
112.50	115.00	615977	2.50	0.020	0.00	3.34
115.00	117.50	615978	2.50	0.025	0.01	2.72
117.50	117.50	615979	0.00			
117.50	120.00	615980	2.50	0.012	0.00	2.45
120.00	122.50	615981	2.50	0.020	0.00	2.64
122.50	125.00	615982	2.50	0.038	0.00	2.73
125.00	127.50	615983	2.50	0.034	0.00	2.86
127.50	130.00	615984	2.50	0.025	0.00	3.05
127.50	130.00	615985	2.50			

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-98

Logged by: CR

Date: 08/04/2010

From	To	Rocktype	& Description
			Matrix composed of fine chlor-amp. Trace pyrite. « kspar 1.00»« magnetite 1.00»
128.40	135.00	Monzonite	crckMZf Porpyritic monzonite. <10mm k-spar phenocysts in a fine groundmass of K-spar - pyroxene and plag. Trace fine disseminated pyrite noted. « kspar 1.00»« pyrite 0.20%»
135.00	157.40	Fragment Breccia	mxpFBX Brecciated monzonite. 20% matrix. Porphyritic monozite clasts <40cm with an av of 5cm, Matrix is composed of pyrite, magnetite, chlorite and pyroxene. A late 4mm vein of magnetite was noted at 155.80m « kspar 2.00»« pyrite 1.00%»« magnetite 2.00»
157.40	160.00	Monzonite	crckMZf PInk porphyritic monzonite <10mm k-spar in a fine groundmass of k-spar and pyroxene and pyrite. Late calcite veining. Rock is moderately fractured. « kspar 1.00»« pyrite 0.50%»
160.00	162.03	Fragment Breccia	clpBXMZ Clast supported monzonite breccia. Clasts have crushed magins and a highly fractured. Fractures are filled with a grey clay and fine pyrite. Rock contains small cubic pyrite in fractures and fine disseminated pyrite throughout. Highly friable « kspar 1.00»« pyrite 1.00%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
130.00	132.50	615986	2.50	0.009	0.00	2.56
132.50	135.00	615987	2.50	0.013	0.00	2.74
135.00	135.00	615988	0.00			
135.00	137.50	615989	2.50	0.038	0.01	3.33
137.50	140.00	615990	2.50	0.177	0.05	2.94
140.00	142.50	615991	2.50	0.029	0.00	3.34
142.50	145.00	615992	2.50	0.025	0.00	2.76
145.00	147.50	615993	2.50	0.033	0.02	3.70
147.50	147.50	615994	0.00			
147.50	150.00	615995	2.50	0.037	0.02	3.32
150.00	152.50	615996	2.50	0.039	0.01	2.88
152.50	155.00	615997	2.50	0.042	0.02	3.23
155.00	157.50	615998	2.50	0.039	0.03	3.36
157.50	160.00	615999	2.50	0.029	0.00	2.26
160.00	162.50	616000	2.50	0.042	0.00	3.23

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-98

Logged by: CR

Date: 08/04/2010

From	To	Rocktype	& Description
			spmkMZf Porphyritic monzonite, <7mm k-spar phenocrysts in fine groundmass of k-spar and pyroxene. Py tr 169.65 - 169.78 : Small Fragment Breccia with 0.75 % p « kspar 1.00»« magnetite 1.00»« pyrite 0.50%»
170.00	173.70	Monzonite	crckMZf Brown fractured coarse grained breccia. <10mm kspar in a fine groundmass. Multiple <0.5mm veinlets of clay and fine calcite. Rock grades into a fault zone (see next) « kspar 1.00»
173.70	173.82	Fault - fragmental	Clay rich puggy fault zone
173.82	179.70	Monzonite	Pink K-spar altered spmkMZf. Rock is very fractured and clay altered. A 3cm quartz - alb - calcite vein runs down the core axis from 175.84. Another clay - calcite vein crosses at ~ 20deg to the core axis @ 179.40 « kspar 3.00»« albite 2.00»
			crmkMZf Fractured porphyritic monzonite. <5mm K-spar phenos in a fine pyroxene - k-spar groundmass. « kspar 2.00»
185.01	187.35	bxMZ	spmfbxMZ Light pink intensely k-altered moderately shattered medium grained monzonite. Fine cross cutting calcite veinlets throughout the unit . Clay alteration along fractures. Rock is friable « kspar 4.00»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
162.50	165.00	616001	2.50	0.013	0.00	2.63
165.00	167.50	616002	2.50	0.010	0.00	2.56
167.50	170.00	616003	2.50	0.011	0.02	2.61
170.00	172.50	616004	2.50	0.012	0.02	2.44
172.50	172.50	616005	0.00			
172.50	175.00	616006	2.50	0.023	0.00	2.92
175.00	177.50	616007	2.50	0.006	0.00	2.76
177.50	178.92	616008	1.42	0.006	0.02	2.03
178.92	181.97	616009	3.05	0.009	0.00	2.03
181.97	185.01	616010	3.04	0.006	0.00	2.38
185.01	185.01	616011	0.00			
185.01	187.50	616012	2.49	0.008	0.00	2.35

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-98

Logged by: CR

Date: 08/04/2010

From	To	Rocktype & Description
187.35	189.95	Monzonite spmkMZf Porphyritic monzonite. <5mm k-spar phenos in a fine k-spar pyroxene groundmass. Very fine secondary biotite is noted. Disseminated fine pyrite <.5% throughout
189.95	192.00	Fragment Breccia mxnFBX Grey fine milled breccia 5-10mm clasts in a matrix of pyrite and amphibole?? Difficult to decern clasts and matrix . Later clots of albite make up 1% of the rock. « pyrite 2.00%»« magnetite 1.00»« albite 1.00»
192.00	195.00	spckMZm Long interval of porphyritic monzonite. <10mm k-spar pheno's in a medium groundmass of k-spar trace biotite and pyroxene. Fine - pyrite, albite, garnet, biotite and pyroxene infills fractures and clots. These make up 2% of the rock and increase down hole especially from 219m « kspar 1.00»« pyrite 0.20%»« albite 1.00»
220.85	223.10	Fragment Breccia mxmFBX Dark colored monzonite breccia. Clasts of meduim grained porphyritic monzonite <4cm with rarer larger (20cm) clasts in a meduim grained albite - amp - pyrite - garnet matrix that makes up 30% of the rock. « pyrite 1.00%»« magnetite 1.00»« albite 2.00»
223.10	237.68	Monzonite spmkMZf Porphyritic monzonite. <8mm K-spar phenos in a fine to meduim groundmass of k-spar, pyroxene and albite. Weak fracturing with clast supported breccias noted. « kspar 1.00»« pyrite 0.25%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
187.50	189.95	616013	2.45	0.016	0.00	2.28
189.95	192.00	616014	2.05	0.019	0.01	4.53
192.00	195.00	616015	3.00	0.014	0.00	2.35
192.00	195.00	616016	3.00			
195.00	197.50	616017	2.50	0.013	0.00	2.34
197.50	200.00	616018	2.50	0.013	0.00	2.38
200.00	202.50	616019	2.50	0.014	0.00	2.35
202.50	205.00	616020	2.50	0.012	0.00	2.32
205.00	207.50	616021	2.50	0.015	0.00	2.21
207.50	210.00	616022	2.50	0.018	0.01	2.49
210.00	210.00	616023	0.00			
210.00	212.50	616024	2.50	0.016	0.00	2.41
212.50	215.00	616025	2.50	0.012	0.00	2.49
215.00	217.50	616026	2.50	0.008	0.00	2.41
217.50	220.00	616027	2.50	0.010	0.00	2.40
220.00	222.50	616028	2.50	0.081	0.00	3.40
220.00	222.50	616029	2.50			
222.50	225.00	616030	2.50	0.012	0.00	2.86
225.00	227.50	616031	2.50	0.014	0.00	2.54
227.50	230.00	616032	2.50	0.014	0.00	2.68
230.00	232.50	616033	2.50	0.014	0.00	2.69
232.50	235.00	616034	2.50	0.012	0.00	2.64
235.00	235.00	616035	0.00			
235.00	237.68	616036	2.68	0.016	0.01	2.49

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-98

Logged by: CR

Date: 08/04/2010

From	To	Rocktype & Description
237.68	246.40	Fragment Breccia mxmFBX Monomict monzonite breccia. Clasts up to 20cm in diameter but avaeraging ~4cm in a dark matrix of fine pyrite, albite, garnet, biotite and amphibole? The matrix also contains significant chalcopyrite (1%) which is found in clots and fractures overprinting the breccias. « chalcopyrite 1.00%»« pyrite 2.00%»
246.40	269.20	Monzonite spmkMZm Light brown weakly porphyritic monzonite . Sparse 5mm K-spar phenocyrsts (2%) in a meduim grained groundmass of k-spar and a dark silicate (pyroxene). Rock has a dark spotty look. Spots are composed of pyroxene and pyrite?? « pyrite 1.00%»« kspar 2.00»
269.20	349.70	Fragment Breccia mxmFBX Long intercept of brown - black monzonite breccia. Monozite clasts are fine to medium grained, brown colored and equilgranular. Clast size ranges from ~8mm to ~5cm. It is suggested that a strong hydrothermal overprint has destroyed the porphyritic texture seen in earlier units. these clasts are supported by a black matrix that makes up 35% of the rock. This phase is composed of Albite, pyroxene, amphibole, and garnet. Late chalcopyrite occurs in and along late clots and fractures and often followed by rhodocrosite veinlets. « pyrite 1.00%»« chalcopyrite 0.50%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
237.68	240.00	616037	2.32	0.200	0.05	4.61
240.00	242.50	616038	2.50	0.058	0.03	3.96
242.50	245.00	616039	2.50	0.313	0.14	4.47
245.00	246.40	616040	1.40	0.111	0.08	5.28
246.40	247.50	616041	1.10	0.014	0.03	2.78
247.50	250.00	616042	2.50	0.011	0.02	2.77
250.00	252.50	616043	2.50	0.011	0.01	2.66
252.50	252.50	616044	0.00			
252.50	255.00	616045	2.50	0.015	0.02	2.39
255.00	257.50	616046	2.50	0.012	0.01	2.38
257.50	260.00	616047	2.50	0.011	0.00	2.31
260.00	262.50	616048	2.50	0.015	0.00	2.38
260.00	262.50	616049	2.50			
262.50	265.00	616050	2.50	0.018	0.01	2.40
265.00	267.50	616051	2.50	0.022	0.00	2.46
267.50	269.20	616052	1.70	0.026	0.02	2.32
269.20	270.00	616053	0.80	0.095	0.07	5.89
270.00	272.50	616054	2.50	0.102	0.04	4.12
272.50	272.50	616055	0.00			
272.50	275.00	616056	2.50	0.097	0.03	3.74
275.00	277.50	616057	2.50	0.108	0.06	5.88
277.50	280.00	616058	2.50	0.097	0.03	4.27
280.00	282.50	616059	2.50	0.099	0.02	4.02
282.50	285.00	616060	2.50	0.273	0.08	5.46
282.50	285.00	616061	2.50			
285.00	287.50	616062	2.50	0.231	0.06	4.98
287.50	290.00	616063	2.50	0.201	0.07	6.14
290.00	292.50	616064	2.50	0.116	0.04	5.00
292.50	295.00	616065	2.50	0.305	0.07	5.15

Mount Polley Project

Diamond Drill Log

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Logged by: CR

Date: 08/04/2010

From To Rocktype & Description

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
295.00	297.50	616066	2.50	0.158	0.03	4.35
297.50	300.00	616067	2.50	0.109	0.03	5.22
300.00	302.50	616068	2.50	0.054	0.00	5.09
302.50	302.50	616069	0.00			
302.50	305.00	616070	2.50	0.031	0.00	4.87
305.00	307.50	616071	2.50	0.040	0.01	4.96
307.50	310.00	616072	2.50	0.033	0.00	4.52
310.00	310.00	616073	0.00			
310.00	312.50	616074	2.50	0.035	0.01	4.81
312.50	315.00	616075	2.50	0.027	0.00	4.88
315.00	317.50	616076	2.50	0.042	0.00	4.86
317.50	320.00	616077	2.50	0.099	0.01	4.77
320.00	322.50	616078	2.50	0.074	0.00	4.50
322.50	325.00	616079	2.50	0.039	0.00	3.96
325.00	327.50	616080	2.50	0.058	0.00	4.15
327.50	330.00	616081	2.50	0.064	0.00	4.63
330.00	332.50	616082	2.50	0.056	0.01	4.91
332.50	332.50	616083	0.00			
332.50	335.00	616084	2.50	0.066	0.02	4.56
335.00	337.50	616085	2.50	0.194	0.03	4.76
337.50	340.00	616086	2.50	0.063	0.10	5.05
340.00	342.50	616087	2.50	0.106	0.03	5.01
342.50	345.00	616088	2.50	0.131	0.03	4.91
342.50	345.00	616089	2.50			
345.00	347.50	616090	2.50	0.060	0.01	4.70
347.50	349.70	616091	2.20	0.051	0.01	4.53

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-98

Logged by: CR

Date: 08/04/2010

From	To	Rocktype & Description
349.70	350.40	Fault - fragmental
		Clay rich puggy fault.
		fault appears to cut porphyritic monozite
350.40	354.30	Monzonite
		spmkMZf
		porphyritic mozonite. <8mm k-spar phenos in a fine groundmass of k-spar and pyroxene. Rock is moderatly fractured and brecciated. Abundant crosscutting calcite veinlets.
		« kspar 2.00»« pyrite 0.25%»
354.30	356.90	Fragment Breccia
		mxFBX
		Monzonite breccia. <5cm porphyritic monzonite clasts in a dark matrix of biotite? pyroxene, pyrite and magnetite. Rock contains 10% matrix
		p« pyrite 0.50%»« magnetite 2.00»
356.90	362.10	Fragment Breccia
		clFBX
		Weakly brecciated porphyritic monzonite. Mostly clast supported. Average clast size ~5cm. Some matrix in fractures with an infilling of magnetite, pyrite and pyroxene.
		« magnetite 2.00»« pyrite 0.25%»
362.10	369.60	Monzonite
		MZm

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
349.70	350.00	616092	0.30	0.025	0.00	3.76
350.00	352.50	616093	2.50	0.029	0.01	3.08
352.50	354.30	616094	1.80	0.018	0.02	3.09
354.30	355.00	616095	0.70	0.017	0.03	4.42
355.00	356.90	616096	1.90	0.017	0.03	4.36
356.90	357.50	616097	0.60	0.019	0.01	3.02
357.50	360.00	616098	2.50	0.018	0.02	2.55
360.00	360.00	616099	0.00			
360.00	362.50	616100	2.50	0.019	0.00	2.80
362.50	365.00	616101	2.50	0.002	0.00	3.40
365.00	367.50	616102	2.50	0.002	0.00	3.39
367.50	367.50	616103	0.00			

Mount Polley Project

Diamond Drill Log

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From	To	Rocktype & Description
		Grey equilgranular monzonite. <.3mm grains of K-sapr - pyroxene and biotite with interstitial k-spar. « kspar 1.00»
369.60	373.20	Fragment Breccia mxFBX Dark brown brecciated monzonite. 10 matrix. Matrix is composed of pyroxene, garnet, albite and pyrite. From 372.20 the rock becomes pink with intense k-spar alteration which is associated with <2cm calcite - Quartz veins « pyrite 0.25%»
373.20	376.00	Monzonite crckMZf Brown - pink porphyritic monzonite. 12mm phenocyrsts in a fine groundmass of k-spar and pyroxene. « kspar 1.00»
376.00	380.15	Fragment Breccia mxFBX Matrix supported monzonite breccia. embayed clast of monzonite in a matrix that makes up ~10% of the rock. mAtrix is composed of pyroxene, albite, garnet and trace pyrite. « pyrite 0.25%»
380.15	413.61	Monzonite crckMZf Brown pink monzonite. <10mm k-spar phenos in a fine k-spar, pyroxene groundmass. Moderate brecciatio with small 20cm intervals where the rock contains ~10% matrix. EOH 413.61

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
367.50	370.00	616104	2.50	0.005	0.00	3.55
370.00	372.50	616105	2.50	0.041	0.01	4.38
372.50	375.00	616106	2.50	0.045	0.01	3.47
375.00	377.50	616107	2.50	0.053	0.01	3.41
377.50	380.00	616108	2.50	0.022	0.02	3.30
380.00	380.00	616109	0.00			
380.00	382.50	616110	2.50	0.017	0.00	2.56
380.00	382.50	616111	2.50			
382.50	385.00	616112	2.50	0.018	0.00	2.45
385.00	387.50	616113	2.50	0.014	0.01	2.81
387.50	390.00	616114	2.50	0.015	0.00	2.76
390.00	392.50	616115	2.50	0.008	0.00	2.74
392.50	395.00	616116	2.50	0.011	0.00	2.65
395.00	397.50	616117	2.50	0.016	0.00	2.56
397.50	397.50	616118	0.00			
397.50	400.00	616119	2.50	0.016	0.00	1.74
400.00	402.50	616120	2.50	0.019	0.00	1.88
402.50	405.00	616121	2.50	0.026	0.00	2.63
405.00	407.50	616122	2.50	0.029	0.00	2.51
407.50	410.00	616123	2.50	0.022	0.00	2.47
410.00	410.00	616124	0.00			
410.00	412.50	616125	2.50	0.015	0.00	2.41
412.50	413.61	616126	1.11	0.024	0.00	2.34

Mount Polley Project

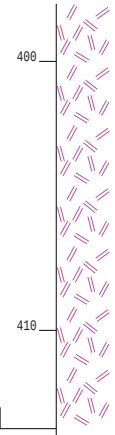
Diamond Drill Log

Hole Number: ND-09-98

Logged by: CR

Date: 08/04/2010

From	To	Rocktype & Description
	413.61	413.61 EOH



From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)

HOLE NUMBER: ND-09-99

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5486.060	CONTRACTOR:	Atlas
EAST:	1803.962	LOGGED BY:	GLR
ELEVATION:	1082.049	DRILLING DATES:	29/09/2009 TO 02/10/2009
LENGTH (m):	258.17	LOG DATE	30/09/2009
CASING:	3.1	DIP / AZIMUTH:	-45.0 / 250
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J9

DEPTH (m)	DIP	AZIMUTH
0.00	-44.90	249.80
8.23	-44.90	249.80
17.37	-44.90	249.50
26.52	-44.60	249.00
35.66	-44.70	249.60
44.81	-44.80	249.20
53.95	-44.80	249.80
63.09	-44.60	250.00
72.24	-44.60	249.80
81.38	-44.60	251.30
90.53	-44.60	252.00
99.67	-44.60	252.20
108.81	-44.50	252.20
117.96	-44.40	252.40
127.10	-44.30	251.70
136.25	-44.30	252.10
145.39	-44.20	250.20
154.53	-44.20	252.70

HOLE NUMBER: ND-09-99

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

NORTH:	5486.060	CONTRACTOR:	Atlas
EAST:	1803.962	LOGGED BY:	GLR
ELEVATION:	1082.049	DRILLING DATES:	29/09/2009 TO 02/10/2009
LENGTH (m):	258.17	LOG DATE	30/09/2009
CASING:	3.1	DIP / AZIMUTH:	-45.0 / 250
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J9

DEPTH (m)	DIP	AZIMUTH
163.68	-44.20	251.80
172.82	-44.30	252.90
181.97	-44.30	253.40
191.11	-44.20	254.50
200.25	-44.10	254.30
209.40	-44.40	255.40
218.54	-44.40	254.50
227.69	-44.30	254.90
236.83	-44.40	255.60
245.97	-44.50	256.10
255.12	-44.40	256.50

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-99

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype & Description
0.00	3.05	CASE
3.05	28.02	Monzonite
		MZf
		Dark brown fine textured monz. Broken and ox'd down to 14 metres.
		Very fine diss'd pyrite up to 1% locally.
		« kspar 3.00»« albite 2.00»« magnetite 1.00»« pyrite 0.50%»
		19.42 - 19.92 Shear zone. CAlcite veining and gouge.
		20.87 Another shear zone/calcite vein. at 45 to ca. About 20cm thick.
28.02	40.00	Fault - fragmental
		Fault Zone and Dykes.
		Green fine textured bleached monz intruded by three black mafic dykes. Also five separate gouge planes throughout the unit. A few 3-5cm calcite veins at 25 to ca, probably the same angle the fault is at as well. Unit is very broken so angles are hard to estimate.
		Numerous 1-4mm calcite veinlets as well.
		Some very fine diss'd pyrite.
		« pyrite 0.25%»
40.00	60.09	Monzonite
		MZf
		Dark brown fine textured monz with a little weak bx'n.
		Fairly solid massive unit, a few fracs with calcite infilling increasing as we go down hole.
		A little very fine diss'd pyrite.
		Two gouge planes at 45 to ca. At 41.76 and 44.31m.
		« kspar 2.00»« albite 1.00»« magnetite 2.00»« pyrite 0.25%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
3.05	5.18	616127	2.13	0.011	0.00	3.34
5.18	7.50	616128	2.32	0.014	0.00	4.60
7.50	10.00	616129	2.50	0.014	0.00	4.68
10.00	10.00	616130	0.00			
10.00	12.50	616131	2.50	0.008	0.00	2.69
12.50	15.00	616132	2.50	0.007	0.00	2.72
15.00	17.50	616133	2.50	0.008	0.00	2.67
17.50	20.00	616134	2.50	0.006	0.00	1.91
17.50	20.00	616135	2.50			
20.00	22.50	616136	2.50	0.011	0.00	2.43
22.50	25.00	616137	2.50	0.010	0.00	2.89
25.00	27.50	616138	2.50	0.015	0.00	2.50
27.50	30.00	616139	2.50	0.016	0.00	2.41
30.00	32.50	616140	2.50	0.010	0.00	3.59
32.50	35.00	616141	2.50	0.014	0.00	4.54
35.00	37.50	616142	2.50	0.107	0.07	3.26
37.50	40.00	616143	2.50	0.021	0.00	2.66
40.00	40.00	616144	0.00			
40.00	42.50	616145	2.50	0.030	0.00	2.32
42.50	45.00	616146	2.50	0.019	0.00	3.52
45.00	47.50	616147	2.50	0.025	0.01	4.44
45.00	47.50	616148	2.50			
47.50	50.00	616149	2.50	0.025	0.00	4.19
50.00	52.50	616150	2.50	0.024	0.02	4.40
52.50	55.00	616151	2.50	0.040	0.00	4.24
55.00	57.50	616152	2.50	0.052	0.00	3.80
57.50	60.00	616153	2.50	0.058	0.02	4.04
60.00	62.50	616154	2.50	0.079	0.03	5.15

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-99

Logged by: GLR Date: 08/04/2010

From	To	Rocktype & Description
60.09	64.24	bxMZ

bxMZ

Weak bx'n in dark brown monz.Clast supported. Clasts are rounded 1cm monz. Dark matrix has moderate magnetite as well as up to 5% pyrite.

« kspar 3.00»« albite 1.00»« magnetite 3.00»« pyrite 1.00%»

From	To	Rocktype & Description
64.24	74.30	Monzonite

MZf

Dark brown fine textured monz with a little weak bx'n.
Fairly solid massive unit, a few fracs with calcite infilling.

« kspar 2.00»« albite 1.00»« magnetite 1.00»« pyrite 0.50%»

From	To	Rocktype & Description
74.30	77.64	MZdk

mkMZdk

Brown fine textured groundmass with 5% of mode as 1cm potassic feldspar phenos.
Fresh solid core.

Contacts are sharp but a little irregular. Upper one looks like 45 and lower 70 to ca.

From	To	Rocktype & Description
77.64	80.93	Monzonite

MZf

Brown massive non-bx monz but speckled with 2-4mm blebs of typical soft opaque matrix material; probably a mix of calcite/albite/actinolite(?)

From	To	Rocktype & Description
80.93	100.29	MZdk

mkMZfdk

Brown fine textured groundmass. Potassic feldspars range from 5mm to over 10mm

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
62.50	62.50	616155	0.00			
62.50	65.00	616156	2.50	0.076	0.03	4.75
65.00	67.50	616157	2.50	0.069	0.02	2.31
67.50	70.00	616158	2.50	0.078	0.02	2.66
70.00	72.50	616159	2.50	0.050	0.01	4.02
72.50	75.00	616160	2.50	0.056	0.01	3.61
75.00	75.00	616161	0.00			
75.00	77.50	616162	2.50	0.005	0.00	2.97
77.50	80.00	616163	2.50	0.052	0.01	3.95
80.00	82.50	616164	2.50	0.037	0.00	2.81
80.00	82.50	616165	2.50			
82.50	85.00	616166	2.50	0.028	0.00	2.78
85.00	87.50	616167	2.50	0.018	0.00	2.66
87.50	90.00	616168	2.50	0.021	0.00	2.62
90.00	92.50	616169	2.50	0.020	0.00	2.57

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-99

Logged by: GLR

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From	To	Rocktype	& Description
			but most of the unit has the finer potassic feldspars. Not much for alt'n except a few fracs with caclite infilling.
100.29	113.46	FBXm	FBXm Monz clasts in a grey garnet-rich matrix. Clast supported. Calcite/albite fracture filling. Weak to moderate magnetite content in the matrix. A few narrow shear/gouge planes. « kspar 3.00»« albite 2.00»« magnetite 3.00»« pyrite 0.50%»« garnet 3.00»
113.46	123.61	MZdk	mkMZfdk Medium sized (5-7mm) potassic feldspar phenos in a fine reddish/brown monz matrix. Sharp contacts are at 35 to ca. Two intervals of fbx noted below; 118.85 - 119.28 FBX 119.95 - 121.65 FBX
123.61	130.85	FBXm	FBXm Monz clasts in a grey garnet-rich matrix. Clast supported. Calcite/albite fracture filling. Weak to moderate magnetite content in the matrix. A few narrow shear/gouge planes. « kspar 4.00»« albite 4.00»« magnetite 1.00»« garnet 3.00»« pyrite 0.50%»
130.85	151.56	bxMZ	

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
92.50	95.00	616170	2.50	0.016	0.00	2.62
95.00	97.50	616171	2.50	0.025	0.00	2.45
97.50	100.00	616172	2.50	0.023	0.00	2.41
100.00	102.50	616173	2.50	0.027	0.00	2.27
102.50	105.00	616174	2.50	0.099	0.03	4.37
105.00	107.50	616175	2.50	0.125	0.03	4.07
107.50	110.00	616176	2.50	0.085	0.04	3.92
110.00	112.50	616177	2.50	0.085	0.04	4.70
112.50	115.00	616178	2.50	0.030	0.02	3.50
115.00	115.00	616179	0.00			
115.00	117.50	616180	2.50	0.022	0.00	2.49
117.50	120.00	616181	2.50	0.021	0.00	2.87
120.00	122.50	616182	2.50	0.019	0.02	4.59
122.50	125.00	616183	2.50	0.034	0.02	4.42
125.00	125.00	616184	0.00			
125.00	127.50	616185	2.50	0.055	0.04	4.07
127.50	130.00	616186	2.50	0.339	0.19	5.47
130.00	132.50	616187	2.50	0.202	0.10	5.64
132.50	132.50	616188	0.00			

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-99

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype	& Description
			bxMZ Weak bx in monz. « kspar 4.00»« albite 3.00»« magnetite 1.00»« trace chalcopyrite »« garnet 3.00»« pyrite 1.00%»
151.56	155.43	MZdk	mkMZfdk Medium sized (5-7mm) potassic feldspar phenos in a fine reddish/brown monz matrix. « kspar 3.00»« albite 2.00»« magnetite 1.00»
155.43	184.68	MZdk	fkMZdk Medium brown massive monz with fine potassic feldspar phenos. Not much pyrite, maybe 0.25% locally. 0.1% overall. Abundant whispy calcite veinlets throughout. « kspar 4.00»« albite 2.00»« pyrite 0.10%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
132.50	135.00	616189	2.50	0.044	0.02	4.50
135.00	137.50	616190	2.50	0.156	0.06	4.64
137.50	140.00	616191	2.50	0.121	0.04	4.57
140.00	142.50	616192	2.50	0.085	0.05	4.31
142.50	145.00	616193	2.50	0.065	0.02	4.38
142.50	145.00	616194	2.50			
145.00	147.50	616195	2.50	0.194	0.09	4.68
147.50	150.00	616196	2.50	0.090	0.04	4.22
150.00	152.50	616197	2.50	0.027	0.01	3.59
152.50	155.00	616198	2.50	0.006	0.00	2.17
155.00	157.50	616199	2.50	0.019	0.00	3.63
157.50	160.00	616200	2.50	0.011	0.00	3.87
160.00	162.50	616201	2.50	0.013	0.00	3.93
162.50	165.00	616202	2.50	0.025	0.00	3.69
165.00	167.50	616203	2.50	0.016	0.00	3.71
165.00	167.50	616204	2.50			
167.50	170.00	616205	2.50	0.019	0.00	3.73
170.00	172.50	616206	2.50	0.015	0.00	3.73
172.50	175.00	616207	2.50	0.022	0.01	3.63
175.00	177.50	616208	2.50	0.021	0.00	2.62
177.50	180.00	616209	2.50	0.020	0.00	2.78
180.00	182.50	616210	2.50	0.019	0.00	2.62
182.50	182.50	616211	0.00			
182.50	185.00	616212	2.50	0.008	0.00	2.30

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-99

Logged by: GLR Date: 08/04/2010

From	To	Rocktype & Description
184.68	190.51	FBXm
190.51	195.45	MZdk
195.45	198.53	MFdk
198.53	209.48	Fault - fragmental
209.48	212.15	Augite Porphyry Dyke

FBXm

Weak bx'n but close enough. Garnet in mag-poor matrix along with
Lots of calcite veinlets and frac filling.

Very fine diss'd pyrite.

« kspar 3.00»« albite 3.00»« magnetite 1.00»« garnet 2.00»« pyrite 0.25%»

MZdk

Probably a dyke, dark brown fine textured, massive. Moderate fracturing and
calcite infilling, especially from 194.16 to 195.14m.

Sharp contacts at 80 to ca.

« kspar 2.00»« albite 1.00»

MFdk

Black very fine textured matrix. A few hb and pyroxene phenos. Sharp contacts
at 50 to ca.

FLT Zone in kMZ

Light brown very broken and some shear planes. Proto is k-monz bx but hard to
tell.

Intense calcite/albite veining at all angles but especially at 75 to ca. Strong
chlorite content locally.
About 2% fine diss'd pyrite.

« kspar 4.00»« albite 4.00»« magnetite 1.00»« pyrite 2.00%»

AP dyke fault

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
185.00	187.50	616213	2.50	0.027	0.01	3.19
187.50	187.50	616214	0.00			
187.50	190.00	616215	2.50	0.035	0.02	3.67
190.00	192.50	616216	2.50	0.011	0.00	4.45
192.50	195.00	616217	2.50	0.005	0.00	4.29
195.00	197.50	616218	2.50	0.019	0.00	4.39
197.50	200.00	616219	2.50	0.011	0.00	4.49
200.00	202.50	616220	2.50	0.007	0.02	5.31
202.50	205.00	616221	2.50	0.015	0.00	4.33
205.00	205.00	616222	0.00			
205.00	207.50	616223	2.50	0.012	0.00	4.63
207.50	210.00	616224	2.50	0.013	0.00	4.51
210.00	212.50	616225	2.50	0.070	0.01	7.39
210.00	212.50	616226	2.50			

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-99

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype & Description
		Very sheared Augite Porphyry Dyke dyke. Abundant calcite veining and discontinuous blebs, some x-cutting. Shearing is more like 35 to ca. Contacts are sharp, sheared and at about 55 to ca.
212.15	258.17	FBXk
		FBXk Light brown fine textured k-monz fbx. Matrix supported 1cm rounded clasts have a milled look. Some clasts show potassic feldspars. Unit is cut by 5mm albite/calcite veinlets at all angles to ca. Matrix is a 50-50 mix of dark grey soft chlorite/albite and pyrite. Magnetite poor. Locally there is massive pyrite (>50%). I'll say 5% pyrite overall. Trace cp noted. « kspar 4.00»« albite 4.00»« magnetite 1.00»« pyrite 5.00%»« trace chalcopyrite »

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
212.50	215.00	616227	2.50	0.056	0.04	3.38
215.00	217.50	616228	2.50	0.015	0.00	3.31
217.50	220.00	616229	2.50	0.015	0.00	3.68
220.00	220.00	616230	0.00			
220.00	222.50	616231	2.50	0.058	0.03	7.38
222.50	225.00	616232	2.50	0.142	0.14	9.15
225.00	227.50	616233	2.50	0.022	0.01	3.62
227.50	230.00	616234	2.50	0.222	0.06	5.32
230.00	232.50	616235	2.50	0.057	0.05	4.79
232.50	235.00	616236	2.50	0.073	0.06	9.82
235.00	237.50	616237	2.50	0.027	0.03	4.13
237.50	240.00	616238	2.50	0.091	0.12	9.17
240.00	242.50	616239	2.50	0.035	0.04	5.85
242.50	245.00	616240	2.50	0.113	0.18	6.33
245.00	247.50	616241	2.50	0.036	0.05	5.46
247.50	250.00	616242	2.50	0.021	0.00	3.78
250.00	252.50	616243	2.50	0.020	0.00	4.59
252.50	252.50	616244	0.00			
252.50	255.00	616245	2.50	0.017	0.00	4.81
255.00	257.50	616246	2.50	0.014	0.00	3.86
257.50	258.17	616247	0.67	0.014	0.00	3.98

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-99

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype & Description
258.17	258.17	End of hole

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)

HOLE NUMBER: ND-09-100

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5425.160	CONTRACTOR:	Atlas
EAST:	1731.771	LOGGED BY:	GLR
ELEVATION:	1074.846	DRILLING DATES:	02/10/2009 TO 07/10/2009
LENGTH (m):	367.89	LOG DATE	03/10/2009
CASING:	3.1	DIP / AZIMUTH:	-90.0 / 0.0
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J7

DEPTH (m)	DIP	AZIMUTH
0.00	-89.00	299.00
8.23	-89.00	299.00
17.37	-89.10	220.70
26.52	-89.10	302.50
35.66	-88.90	299.40
44.81	-89.20	296.90
53.95	-89.10	292.80
63.09	-89.10	300.30
72.24	-88.80	291.00
81.38	-89.10	194.60
90.53	-89.00	275.80
99.67	-89.30	313.70
108.81	-89.10	289.00
117.96	-88.50	188.30
127.10	-89.20	320.30
136.25	-89.50	272.20
145.39	-88.80	281.20
154.53	-89.50	282.80

HOLE NUMBER: ND-09-100

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5425.160	CONTRACTOR:	Atlas
EAST:	1731.771	LOGGED BY:	GLR
ELEVATION:	1074.846	DRILLING DATES:	02/10/2009 TO 07/10/2009
LENGTH (m):	367.89	LOG DATE	03/10/2009
CASING:	3.1	DIP / AZIMUTH:	-90.0 / 0.0
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J7

DEPTH (m)	DIP	AZIMUTH
163.68	-89.20	308.30
172.82	-89.60	284.50
181.97	-89.20	301.80
191.11	-88.60	302.80
200.25	-88.90	319.20
209.40	-89.80	267.60
218.54	-89.30	293.50
227.69	-89.30	317.70
236.83	-89.40	288.20
245.97	-89.10	304.30
255.12	-89.10	331.80
264.26	-89.50	177.40
273.41	-88.60	302.70
282.55	-88.80	350.90
291.69	-89.30	279.30
300.84	-89.30	270.90
309.98	-89.50	294.20
319.13	-89.50	319.00

HOLE NUMBER: ND-09-100

MOUNT POLLEY PROJECT
DIAMOND DRILL LOG

Imperial Metals

NORTH:	5425.160	CONTRACTOR:	Atlas
EAST:	1731.771	LOGGED BY:	GLR
ELEVATION:	1074.846	DRILLING DATES:	02/10/2009 TO 07/10/2009
LENGTH (m):	367.89	LOG DATE	03/10/2009
CASING:	3.1	DIP / AZIMUTH:	-90.0 / 0.0
CORE SIZE:	NQ	MAP REF:	
AREA:	Boundary	ASSAY LAB:	ACME

FIELD LOCATION: Boundary Zone

COMMENTS: BZ09-J7

DEPTH (m)	DIP	AZIMUTH
328.27	-89.40	272.40
337.41	-89.70	245.90
346.56	-89.40	266.80
355.70	-89.60	279.80
364.85	-89.50	288.30

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-100

Logged by: GLR Date: 08/04/2010

From	To	Rocktype	& Description
0.00	3.05	CASE	
3.05	17.77	bxMZ	bxMZ Dark chloritic mag-poor matrix. Clasts are strongly potassic alt'd monz. Clastsa re on average 1-2cm and milled. Weak garnet in matrix. Trace cp noted, lots of pyrite though. Numerous calcite/albite veinlets. « kspar 5.00»« albite 3.00»« magnetite 1.00»« pyrite 3.00%»« trace chalcopyrite »
17.77	31.71	Monzonite	MZm Dark reddish/brown massive monz. Numerous calcite/albite veinlets. Weak magnetite diss'd. Very fine diss'd pyrite, 0.5%. « kspar 3.00»« albite 3.00»« magnetite 1.00»« pyrite 0.50%»
31.71	54.72	MZdk	fkMZf Medium brown fine textured monz with fine potassic feldspar phenos sprinkled throughout. Dyke(?). Numerous whispy 1-2mm calcite veinlets mostly at 35 to ca. Fairly fractured core. At least 1% very fine diss'd pyrite. « kspar 3.00»« albite 1.00»« magnetite 1.00»« pyrite 1.00%»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
3.05	5.18	616248	2.13	0.117	0.06	4.62
5.18	5.18	616249	0.00			
5.18	7.50	616250	2.32	0.072	0.07	4.71
7.50	10.00	616251	2.50	0.154	0.06	4.86
10.00	12.50	616252	2.50	0.101	0.03	3.91
12.50	15.00	616253	2.50	0.087	0.03	4.24
15.00	17.50	616254	2.50	0.086	0.04	5.74
15.00	17.50	616255	2.50			
17.50	20.00	616256	2.50	0.048	0.02	4.67
20.00	22.50	616257	2.50	0.097	0.05	3.96
22.50	25.00	616258	2.50	0.045	0.01	3.99
25.00	27.50	616259	2.50	0.091	0.03	3.59
27.50	30.00	616260	2.50	0.071	0.01	3.31
30.00	32.50	616261	2.50	0.050	0.01	3.72
32.50	35.00	616262	2.50	0.024	0.00	2.29
35.00	37.50	616263	2.50	0.014	0.00	2.29
37.50	40.00	616264	2.50	0.007	0.00	2.53
40.00	40.00	616265	0.00			
40.00	42.50	616266	2.50	0.007	0.00	2.47
42.50	45.00	616267	2.50	0.008	0.00	2.30
45.00	47.50	616268	2.50	0.012	0.00	2.61
45.00	47.50	616269	2.50			
47.50	50.00	616270	2.50	0.016	0.00	2.74
50.00	52.50	616271	2.50	0.009	0.00	2.54
52.50	55.00	616272	2.50	0.021	0.00	2.74

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-100

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype	& Description
54.72	81.35	Monzonite	MZf Fine textured masive dark brown monz.. Fine diss'd pyrite is at least 2%. Solid core, a few 1mm calcite veinlets. « kspar 3.00»« albite 3.00»« magnetite 1.00»« pyrite 2.00%»
81.35	83.33	MZdk	mkMZfdk Medium brown fine textured monz with fine potassic feldspar phenos sprinkled throughout. Dyke(?). Numerous whispy 1-2mm calcite veinlets mostly at 35 to ca. Fairly fractured core. At least 0.5% very fine diss'd pyrite. « kspar 4.00»« albite 2.00»« pyrite 0.50%»
83.33	88.46	Fault - fragmental	Fault Zone Mostly gouge. Contact is around 87m.
88.46	106.80	Jigsaw Breccia	JBX Micro fractured JBX. Matrix is mostly calcite and albite but also dark blebs and some frac filling of soft chlorite/albite matrix. Spec hematite present as veinlets.

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
55.00	57.50	616273	2.50	0.013	0.00	3.92
57.50	60.00	616274	2.50	0.016	0.00	3.92
60.00	62.50	616275	2.50	0.016	0.00	3.78
62.50	65.00	616276	2.50	0.017	0.00	3.97
65.00	67.50	616277	2.50	0.018	0.01	4.54
67.50	67.50	616278	0.00			
67.50	70.00	616279	2.50	0.017	0.00	3.65
70.00	72.50	616280	2.50	0.018	0.00	3.67
72.50	75.00	616281	2.50	0.016	0.00	3.79
75.00	77.50	616282	2.50	0.019	0.00	3.72
77.50	80.00	616283	2.50	0.017	0.00	3.64
77.50	80.00	616284	2.50			
80.00	82.50	616285	2.50	0.014	0.00	3.57
82.50	85.00	616286	2.50	0.012	0.00	3.85
85.00	87.50	616287	2.50	0.014	0.00	4.47
87.50	90.00	616288	2.50	0.155	0.19	3.28
90.00	90.00	616289	0.00			
90.00	92.50	616290	2.50	0.012	0.00	2.64
92.50	95.00	616291	2.50	0.019	0.00	3.73
95.00	97.50	616292	2.50	0.028	0.02	3.68
97.50	100.00	616293	2.50	0.039	0.02	3.90
100.00	100.00	616294	0.00			

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-100

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype	& Description
			2% very fine pyrite.
			« kspar 4.00»« albite 4.00»« pyrite 2.00%»« garnet 1.00»
106.80	231.22	FBXk	
			FBXk
			Polymictic rounded clasts of monz and monz k-porph. Clasts are matrix supported and 2cm on average. Matrix is monz melt.
			Fine diss'd pyrite is present throughout and averages 0.5% but locally it can be as high as 5% and is in blebs and veinlets.
			Trace to 0.1% diss'd cp as well and posibly more as it is hard to estimate since it hides within the pyrite.
			Calcite/albite veinlets and frac filling throughout, especially from 140-160m.
			« kspar 4.00»« albite 3.00»« magnetite 1.00»« chalcopyrite 0.10%»« pyrite 0.50%»
			Dykes:
			118.42 - 119.14 MZmdk
			130.17 - 133.60 MZmdk
			203.83 -206.34 MZmdk
			225.05 - 227.04 MZmdk

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
100.00	102.50	616295	2.50	0.059	0.02	4.20
102.50	105.00	616296	2.50	0.017	0.00	4.08
105.00	107.50	616297	2.50	0.008	0.00	3.36
107.50	110.00	616298	2.50	0.029	0.00	4.71
110.00	112.50	616299	2.50	0.019	0.00	4.46
112.50	115.00	616300	2.50	0.024	0.00	4.30
115.00	117.50	616301	2.50	0.017	0.00	4.06
117.50	120.00	616302	2.50	0.099	0.00	5.07
120.00	122.50	616303	2.50	0.025	0.00	4.22
122.50	125.00	616304	2.50	0.026	0.00	4.06
125.00	127.50	616305	2.50	0.020	0.00	4.12
127.50	127.50	616306	0.00			
127.50	130.00	616307	2.50	0.019	0.00	3.85
130.00	132.50	616308	2.50	0.023	0.00	4.27
132.50	135.00	616309	2.50	0.016	0.00	4.21
135.00	137.50	616310	2.50	0.022	0.00	4.01
135.00	137.50	616311	2.50			
137.50	140.00	616312	2.50	0.023	0.00	4.32
140.00	142.50	616313	2.50	0.019	0.00	4.51
142.50	145.00	616314	2.50	0.028	0.01	4.31
145.00	147.50	616315	2.50	0.023	0.01	4.25
147.50	150.00	616316	2.50	0.085	0.03	4.89
150.00	152.50	616317	2.50	0.033	0.03	4.58
152.50	152.50	616318	0.00			
152.50	155.00	616319	2.50	0.043	0.06	4.72
155.00	157.50	616320	2.50	0.024	0.02	4.64
157.50	160.00	616321	2.50	0.129	0.15	5.32
160.00	162.50	616322	2.50	0.030	0.03	4.70
162.50	165.00	616323	2.50	0.015	0.02	3.90
162.50	165.00	616324	2.50			
165.00	167.50	616325	2.50	0.164	0.07	5.11
167.50	170.00	616326	2.50	0.068	0.05	5.76
170.00	172.50	616327	2.50	0.034	0.02	5.00
172.50	175.00	616328	2.50	0.044	0.03	4.39
175.00	177.50	616329	2.50	0.039	0.04	4.07
177.50	177.50	616330	0.00			
177.50	180.00	616331	2.50	0.018	0.05	5.19
180.00	182.50	616332	2.50	0.012	0.03	5.05
182.50	185.00	616333	2.50	0.016	0.04	7.10
185.00	185.00	616334	0.00			
185.00	187.50	616335	2.50	0.073	0.08	10.07

Mount Polley Project

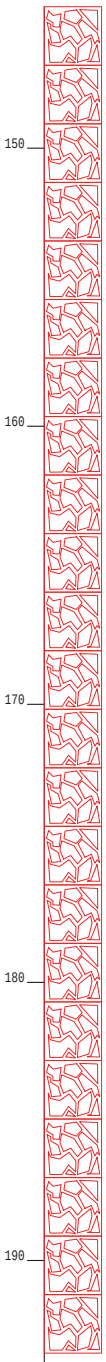
Diamond Drill Log

Hole Number: ND-09-100

Logged by: GLR

Date: 08/04/2010

From To Rocktype & Description



From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
187.50	190.00	616336	2.50	0.061	0.06	6.94
190.00	192.50	616337	2.50	0.028	0.03	4.94
192.50	195.00	616338	2.50	0.029	0.03	5.20
195.00	197.50	616339	2.50	0.044	0.03	5.82
197.50	200.00	616340	2.50	0.064	0.06	5.90
200.00	202.50	616341	2.50	0.032	0.03	4.91
202.50	205.00	616342	2.50	0.034	0.11	4.72
205.00	207.50	616343	2.50	0.014	0.00	4.04
207.50	210.00	616344	2.50	0.016	0.02	4.32
207.50	210.00	616345	2.50			
210.00	212.50	616346	2.50	0.029	0.04	7.93
212.50	215.00	616347	2.50	0.026	0.03	5.50
215.00	217.50	616348	2.50	0.019	0.03	5.97
217.50	217.50	616349	0.00			
217.50	220.00	616350	2.50	0.024	0.02	4.74
220.00	222.50	616351	2.50	0.010	0.00	5.67
222.50	225.00	616352	2.50	0.010	0.01	10.65
225.00	227.50	616353	2.50	0.007	0.00	3.81
227.50	230.00	616354	2.50	0.008	0.00	4.86
230.00	230.00	616355	0.00			
230.00	231.22	616356	1.22	0.007	0.00	4.74

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-100

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype & Description
231.22	260.62	Monzonite

MZm

Orange brown, medium textured monzonite with strong potassic alteration, albite/calcite nodules and weak veining, moderately fargmented and rare clay weathering, trace diss'd pyrite

Dikes
246.26 - 247.81 mkMZdk
250.33 - 250.66 APdk sheared clay weather dark green

« kspar 4.00»« albite 3.00»« magnetite 1.00»

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
231.22	232.50	616357	1.28	0.008	0.00	3.53
232.50	235.00	616358	2.50	0.009	0.00	4.00
235.00	237.50	616359	2.50	0.012	0.00	3.81
237.50	240.00	616360	2.50	0.012	0.00	4.61
240.00	240.00	616361	0.00			
240.00	242.50	616362	2.50	0.013	0.00	4.25
242.50	245.00	616363	2.50	0.010	0.00	5.21
245.00	247.50	616364	2.50	0.013	0.00	3.82
247.50	250.00	616365	2.50	0.010	0.00	3.64
247.50	250.00	616366	2.50			
250.00	252.50	616367	2.50	0.015	0.00	4.74
252.50	255.00	616368	2.50	0.019	0.00	4.47
255.00	257.50	616369	2.50	0.192	0.07	3.54

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-100

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype	& Description
260.62	286.64	Jigsaw Breccia	JBXmz Dark orange weakly brecciated monzonite, brecciated by dark grey matrix, strong pervassive potassic altn of host rock with 1 to 2% cp and 0.5% pyrite primarily diss'd but also in veins in conjuction with slightly increasd albite/calcite veining, the degree of brecciation has reduced from higher up the hole but the proportion of sulphide as cp has increased. « kspar 4.00»« albite 3.00»« magnetite 1.00»« chalcopyrite 1.50%»« pyrite 0.50%»
286.64	295.52	Augite Porphyry Dyke	APdk Dark green augite porphyry dike with albite/calcite nodules, shearing and clay weathering developed towards contacts, minor albite/calcite veining 289.15 - 291.89 Mod potassic altd JBXmz with 0.1% pyrite

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
257.50	260.00	616370	2.50	0.015	0.00	4.56
260.00	260.62	616371	0.62	0.023	0.02	4.64
260.62	262.50	616372	1.88	0.416	0.14	4.02
262.50	265.00	616373	2.50	1.049	0.52	4.62
265.00	267.50	616374	2.50	0.328	0.28	3.93
267.50	267.50	616375	0.00			
267.50	270.00	616376	2.50	0.087	0.04	3.24
270.00	272.50	616377	2.50	0.041	0.02	2.59
272.50	275.00	616378	2.50	0.199	0.12	3.23
275.00	277.50	616379	2.50	0.139	0.05	3.29
277.50	280.00	616380	2.50	0.110	0.05	3.65
280.00	282.50	616381	2.50	0.154	0.07	4.33
282.50	285.00	616382	2.50	0.133	0.05	3.93
285.00	286.64	616383	1.64	0.164	0.09	4.46
286.64	287.50	616384	0.86	0.008	0.00	5.23
287.50	290.00	616385	2.50	0.026	0.00	4.70
287.50	290.00	616386	2.50			
290.00	292.50	616387	2.50	0.055	0.02	3.78
292.50	295.00	616388	2.50	0.003	0.00	5.21
295.00	295.52	616389	0.52	0.003	0.00	5.04

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-100

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype & Description
295.52	301.93	MZdk mkMZdk Orange brown, strongly potassic altd monzonite dike with med to coarse kfsp phenos, minor albite/calcite veining « kspar 4.00»« albite 3.00»
301.93	321.39	Jigsaw Breccia JBXmz Dark orange jigsaw-brecciated monzonite, brecciated by dark grey monz? matrix, strong pervassive potassic altn of host rock with 1% fine diss'd cp and pyrite, perhaps 0.6% pyrite and 0.4% cp hard to tell, slightly increased albite/calcite veining and minor hematte veins associated with breccia matrix « kspar 5.00»« albite 3.00»« magnetite 1.00»« pyrite 0.60%»« chalcopyrite 0.40%»
321.39	342.50	Monzonite MZm Orange brown monzonite with mod to strong potassic altn, strong ablite/calcite veining from 322.85 to 324.39 and strong clay weathering and friable from 324.39 to 327.44, weak brecciation in localised zones, 0.25% fine diss'd pyrite and cp « kspar 3.00»« albite 3.00»« magnetite 1.00»« pyrite 0.15%»« chalcopyrite 0.10%»
342.50	343.77	Augite Porphyry Dyke APdk

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
295.52	297.50	616390	1.98	0.042	0.02	2.78
297.50	300.00	616391	2.50	0.004	0.00	2.84
300.00	301.93	616392	1.93	0.013	0.00	2.40
301.93	301.93	616393	0.00			
301.93	302.50	616394	0.57	0.049	0.02	2.43
302.50	305.00	616395	2.50	0.074	0.03	3.51
305.00	305.00	616396	0.00			
305.00	307.50	616397	2.50	0.122	0.06	4.22
307.50	310.00	616398	2.50	0.171	0.06	4.02
310.00	312.50	616399	2.50	0.053	0.02	3.75
312.50	315.00	616400	2.50	0.089	0.04	3.49
315.00	317.50	616401	2.50	0.064	0.04	3.72
317.50	320.00	616402	2.50	0.124	0.05	4.20
320.00	321.39	616403	1.39	0.098	0.04	3.94
321.39	322.50	616404	1.11	0.045	0.02	3.85
322.50	322.50	616405	0.00			
322.50	325.00	616406	2.50	0.015	0.00	3.34
325.00	327.50	616407	2.50	0.019	0.00	2.33
327.50	330.00	616408	2.50	0.029	0.01	2.90
330.00	332.50	616409	2.50	0.043	0.02	2.75
332.50	332.50	616410	0.00			
332.50	335.00	616411	2.50	0.047	0.02	2.45
335.00	337.50	616412	2.50	0.047	0.02	2.70
337.50	340.00	616413	2.50	0.079	0.05	3.81
340.00	342.50	616414	2.50	0.101	0.07	3.97
340.00	342.50	616415	2.50			
342.50	343.77	616416	1.27	0.007	0.00	6.02

Mount Polley Project

Diamond Drill Log

Hole Number: ND-09-100

Logged by: GLR

Date: 08/04/2010

From	To	Rocktype & Description
		Dark green augite porphyry dike with albite/calcite veins and nodules, some clay weathering and shearing along contacts
343.77	367.89	Jigsaw Breccia
		JBXmz
		Dark orange jigsaw-brecciated monzonite with dark grey monz matrix and hematite veining, slightly increased albite/calcite veining, 0.5 to 1% fine diss'd pyrite and cp with hard to differentiate between sulphides
		EOH
		« kspar 4.00»« albite 3.00»« magnetite 1.00»« pyrite 0.50%»« chalcopyrite 0.50%»
367.89	367.89	End of hole

From	To	Sample	Width	Cu (%)	Au (g/t)	Fe (%)
343.77	345.00	616417	1.23	0.017	0.02	4.32
345.00	347.50	616418	2.50	0.010	0.01	4.17
347.50	350.00	616419	2.50	0.040	0.03	3.55
350.00	352.50	616420	2.50	0.060	0.09	6.91
352.50	355.00	616421	2.50	0.057	0.06	4.53
355.00	357.50	616422	2.50	0.065	0.04	3.60
357.50	360.00	616423	2.50	0.049	0.03	3.48
360.00	362.50	616424	2.50	0.065	0.04	3.41
360.00	362.50	616425	2.50			
362.50	365.00	616426	2.50	0.053	0.03	3.13
365.00	367.89	616427	2.89	0.069	0.03	3.16
367.89	367.89	616428	0.00			

APPENDIX D

ASSAY CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Submitted By: Steve Robertson
Receiving Lab: Canada-Vancouver
Received: October 15, 2009
Report Date: November 02, 2009
Page: 1 of 14

CERTIFICATE OF ANALYSIS VAN09005012.1

CLIENT JOB INFORMATION

Project: Mount Polley
Shipment ID:
P.O. Number MP-09-13
Number of Samples: 374

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	374	Sorting of samples on arrival and labeling			VAN
G6	374	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1D	374	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
7AR	374	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed	VAN
Cu/Ox_Imperial	374	Cu in oxide form, 2.5% H2SO4 leach	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Imperial Metals Corporation
200 - 580 Hornby St.
Vancouver BC V6C 3B6
Canada

CC: Melissa Darney

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615586	Rock Pulp	0.83	1	>10000	60	654	20.8	4	53	4168	17.31	23	<8	<2	<2	152	8.1	<3	<3	759	5.68
615587	Rock Pulp	0.70	<1	>10000	70	654	19.7	9	48	4197	16.54	19	<8	<2	<2	159	9.9	<3	3	741	5.93
615588	Rock Pulp	0.30	<1	8297	42	209	6.5	3	17	2354	4.02	7	<8	<2	<2	145	4.1	<3	3	166	5.26
615589	Rock Pulp	1.23	3	>10000	37	145	29.9	2	14	2089	4.20	18	<8	<2	<2	153	10.1	<3	<3	137	4.72
615590	Rock Pulp	0.06	3	1399	18	126	2.2	2	12	2386	3.18	21	<8	<2	<2	210	1.3	<3	4	124	6.69
615591	Rock Pulp	<0.01	<1	45	<3	58	<0.3	416	31	704	3.71	2	<8	<2	<2	86	<0.5	<3	5	74	2.47
615592	Rock Pulp	0.07	4	8410	48	171	5.6	2	16	1978	4.21	26	<8	<2	<2	136	2.6	<3	4	120	3.55
615593	Rock Pulp	0.06	2	2088	27	96	1.9	1	9	1251	2.57	16	<8	<2	<2	114	0.7	<3	<3	85	2.38
615594	Rock Pulp	0.01	3	134	29	93	<0.3	<1	7	1214	2.27	12	<8	<2	<2	123	1.2	<3	<3	62	2.46
615595	Rock Pulp	0.03	3	960	40	87	0.9	<1	7	961	2.29	15	<8	<2	<2	109	<0.5	<3	4	56	1.98
615596	Rock Pulp	0.01	13	144	77	162	0.4	<1	7	1072	2.44	16	<8	<2	<2	101	0.6	<3	<3	45	2.50
615597	Rock Pulp	0.01	12	478	51	83	0.4	1	8	1276	2.71	18	<8	<2	<2	106	<0.5	<3	<3	46	3.09
615598	Rock Pulp	0.01	13	149	75	139	<0.3	1	8	1158	2.63	22	<8	<2	<2	138	<0.5	<3	<3	51	2.75
615599	Rock Pulp	0.02	8	170	59	69	<0.3	1	7	1220	2.30	17	<8	<2	<2	153	<0.5	<3	<3	52	3.03
615600	Rock Pulp	0.01	16	149	42	77	<0.3	<1	7	1239	2.31	19	<8	<2	<2	137	<0.5	<3	<3	56	2.95
615601	Rock Pulp	<0.01	9	145	26	93	<0.3	<1	7	1305	2.25	16	<8	<2	<2	165	<0.5	<3	4	85	2.95
615602	Rock Pulp	<0.01	5	129	25	82	<0.3	<1	7	1143	2.28	13	<8	<2	<2	147	<0.5	<3	<3	86	2.66
615603	Rock Pulp	<0.01	1	85	23	75	<0.3	1	7	1100	2.27	9	<8	<2	<2	146	<0.5	<3	<3	77	2.56
615604	Rock Pulp	0.01	1	395	18	104	0.3	1	9	1530	2.92	9	<8	<2	<2	195	<0.5	<3	3	124	3.50
615605	Rock Pulp	0.02	7	477	17	133	0.9	2	16	2560	3.46	32	<8	<2	<2	209	<0.5	<3	<3	133	6.10
615606	Rock Pulp	0.02	7	418	27	147	0.4	2	16	2496	4.01	23	<8	<2	<2	211	0.6	<3	<3	116	4.19
615607	Rock Pulp	0.01	1	272	29	117	0.3	1	11	1422	3.16	10	<8	<2	<2	178	0.8	<3	<3	134	3.35

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	CuTOT_	Imperial
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615586	Rock Pulp	0.289	37	13	1.12	68	0.03	31	1.64	0.03	0.18	8	2.67	18.17	2.607	0.063
615587	Rock Pulp	0.288	36	11	1.04	85	0.04	28	1.48	0.03	0.17	10	2.44	16.97	2.669	0.058
615588	Rock Pulp	0.160	22	18	0.93	203	<0.01	23	1.40	0.04	0.23	4	0.99	4.68	0.874	0.021
615589	Rock Pulp	0.153	25	10	0.91	93	<0.01	35	1.56	0.04	0.33	9	2.07	4.64	1.993	0.051
615590	Rock Pulp	0.155	21	15	0.62	178	<0.01	39	1.42	0.04	0.37	<2	0.89	3.63	0.144	0.005
615591	Rock Pulp	0.066	8	307	4.45	228	0.23	<20	1.69	0.03	0.08	<2	<0.05	4.03	0.004	0.005
615592	Rock Pulp	0.158	27	13	0.82	53	<0.01	28	1.42	0.04	0.37	4	2.84	4.57	0.846	0.019
615593	Rock Pulp	0.083	19	13	0.49	185	<0.01	<20	1.02	0.04	0.34	<2	1.15	2.88	0.210	0.006
615594	Rock Pulp	0.070	18	11	0.41	92	<0.01	<20	0.85	0.04	0.30	<2	1.41	2.46	0.013	<0.001
615595	Rock Pulp	0.075	18	10	0.38	136	<0.01	22	0.87	0.03	0.34	<2	1.69	2.57	0.099	0.005
615596	Rock Pulp	0.074	19	15	0.24	81	<0.01	25	0.68	0.03	0.34	<2	2.51	2.70	0.015	<0.001
615597	Rock Pulp	0.082	21	10	0.30	73	<0.01	<20	0.70	0.03	0.29	<2	2.74	2.86	0.046	<0.001
615598	Rock Pulp	0.077	19	12	0.28	51	<0.01	<20	0.81	0.03	0.34	<2	2.60	2.79	0.014	<0.001
615599	Rock Pulp	0.075	19	17	0.31	66	<0.01	24	0.93	0.04	0.38	<2	1.53	2.42	0.016	<0.001
615600	Rock Pulp	0.074	20	13	0.37	136	<0.01	<20	0.98	0.04	0.37	<2	1.48	2.50	0.014	0.001
615601	Rock Pulp	0.076	19	16	0.45	361	<0.01	<20	1.06	0.04	0.38	<2	0.47	2.42	0.014	0.001
615602	Rock Pulp	0.076	17	11	0.44	207	<0.01	<20	0.98	0.04	0.35	<2	0.62	2.52	0.013	<0.001
615603	Rock Pulp	0.072	18	11	0.43	149	<0.01	24	0.95	0.04	0.34	<2	0.97	2.55	0.009	0.001
615604	Rock Pulp	0.102	19	9	0.65	435	<0.01	27	1.22	0.04	0.36	<2	0.21	3.22	0.039	0.002
615605	Rock Pulp	0.141	28	11	0.85	214	<0.01	29	1.64	0.04	0.37	<2	0.86	3.95	0.049	0.001
615606	Rock Pulp	0.157	27	9	0.96	84	<0.01	23	1.60	0.03	0.43	<2	1.34	4.53	0.043	0.004
615607	Rock Pulp	0.131	21	6	0.72	175	0.01	34	1.30	0.04	0.40	<2	0.36	3.48	0.027	<0.001

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200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615608	Rock Pulp	<0.01	2	288	23	111	0.3	<1	10	1344	2.98	10	<8	<2	<2	179	<0.5	<3	<3	130	3.38
615609	Rock Pulp	0.03	2	1150	33	114	0.9	1	12	1591	3.33	15	<8	<2	<2	184	0.6	<3	<3	135	4.01
615610	Rock Pulp	0.02	6	290	36	106	0.4	2	13	1497	3.32	15	<8	<2	<2	160	<0.5	<3	<3	129	3.60
615611	Rock Pulp	0.03	1	1756	13	78	1.1	1	9	1521	2.52	11	<8	<2	<2	194	<0.5	<3	4	91	3.56
615612	Rock Pulp	<0.01	<1	43	<3	56	<0.3	402	30	678	3.57	3	<8	<2	<2	84	<0.5	<3	<3	70	2.38
615613	Rock Pulp	0.02	2	851	23	87	0.5	1	8	1368	2.54	9	<8	<2	<2	185	<0.5	<3	4	101	2.87
615614	Rock Pulp	0.06	<1	1718	44	108	1.4	1	9	1823	2.83	6	<8	<2	<2	218	5.0	<3	<3	116	3.92
615615	Rock Pulp	0.02	3	454	23	105	0.3	1	10	2276	2.89	10	<8	<2	<2	248	<0.5	<3	<3	114	5.23
615616	Rock Pulp	0.63	13	5996	11	234	3.3	11	31	2311	10.86	44	<8	<2	<2	192	<0.5	3	<3	463	3.79
615617	Rock Pulp	<0.01	<1	87	10	65	<0.3	<1	5	904	2.28	5	<8	<2	<2	216	<0.5	<3	<3	109	2.16
615618	Rock Pulp	<0.01	3	184	21	67	<0.3	<1	6	1134	2.34	7	<8	<2	<2	269	<0.5	<3	<3	90	2.60
615619	Rock Pulp	0.02	4	199	28	85	0.5	<1	8	1565	2.52	10	<8	<2	<2	251	<0.5	<3	<3	83	3.21
615620	Rock Pulp	0.01	14	132	39	68	<0.3	1	6	1098	2.20	9	<8	<2	<2	178	<0.5	<3	<3	69	2.18
615621	Rock Pulp	<0.01	<1	42	5	57	<0.3	394	28	654	3.61	<2	<8	<2	<2	84	<0.5	<3	5	69	2.41
615622	Rock Pulp	<0.01	52	91	34	73	<0.3	7	6	1062	2.21	10	<8	<2	<2	172	<0.5	<3	<3	84	1.93
615623	Rock Pulp	0.01	2	101	23	68	<0.3	<1	6	1185	2.31	6	<8	<2	<2	206	<0.5	<3	<3	83	2.38
615624	Rock Pulp	<0.01	2	128	31	61	<0.3	<1	6	1249	2.08	10	<8	<2	<2	205	<0.5	<3	<3	54	2.64
615625	Rock Pulp	<0.01	2	74	30	63	<0.3	<1	6	1088	2.14	8	<8	<2	<2	183	<0.5	<3	<3	57	2.35
615626	Rock Pulp	0.01	3	124	24	64	<0.3	<1	6	1135	2.05	6	<8	<2	<2	194	<0.5	<3	<3	71	2.47
615627	Rock Pulp	0.04	1	1018	12	150	1.1	2	16	2615	3.87	17	<8	<2	2	207	0.7	<3	4	146	5.38
615628	Rock Pulp	0.05	3	2624	16	137	2.0	2	13	2253	3.34	14	<8	<2	<2	181	1.2	<3	<3	134	4.20
615629	Rock Pulp	0.07	4	3390	23	157	2.2	2	17	2479	4.21	20	<8	<2	2	200	4.1	<3	5	164	4.66
615630	Rock Pulp	0.04	6	1342	18	156	1.1	2	16	2772	3.96	20	<8	<2	<2	219	1.9	<3	3	145	5.79
615631	Rock Pulp	0.07	4	3218	22	125	1.3	2	13	1990	3.36	21	<8	<2	<2	210	1.9	<3	4	82	3.61
615632	Rock Pulp	0.05	2	1313	14	110	1.3	2	13	1762	3.32	13	<8	<2	<2	324	0.5	<3	4	105	3.64
615633	Rock Pulp	0.05	<1	1325	16	160	1.5	2	19	2403	4.45	16	<8	<2	2	234	0.6	<3	<3	170	5.10
615634	Rock Pulp	<0.01	4	116	30	101	<0.3	2	10	1447	3.24	30	<8	<2	<2	256	1.1	<3	3	114	3.55
615635	Rock Pulp	0.58	12	5909	12	220	2.8	10	28	2146	10.33	40	<8	<2	<2	187	<0.5	<3	6	462	3.67
615636	Rock Pulp	<0.01	34	156	26	95	<0.3	3	10	1484	3.18	22	<8	<2	<2	242	<0.5	<3	<3	101	3.54
615637	Rock Pulp	<0.01	<1	153	19	97	<0.3	2	10	1457	3.00	8	<8	<2	<2	229	<0.5	<3	<3	129	3.56

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200 - 580 Hornby St.
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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615608	Rock Pulp	0.119	19	9	0.67	154	<0.01	24	1.26	0.05	0.38	<2	0.24	3.27	0.028	<0.001
615609	Rock Pulp	0.133	23	8	0.70	182	<0.01	27	1.34	0.05	0.39	<2	0.75	3.71	0.114	0.003
615610	Rock Pulp	0.161	18	10	0.93	209	0.01	<20	1.53	0.05	0.34	<2	0.48	3.86	0.029	0.001
615611	Rock Pulp	0.095	21	13	0.49	347	<0.01	<20	1.18	0.03	0.31	<2	0.57	2.94	0.186	0.009
615612	Rock Pulp	0.063	8	288	4.31	217	0.21	<20	1.59	0.03	0.07	<2	<0.05	4.08	0.005	0.001
615613	Rock Pulp	0.080	18	20	0.50	178	0.01	<20	1.02	0.04	0.32	<2	0.40	2.83	0.086	0.003
615614	Rock Pulp	0.105	21	14	0.55	159	0.03	22	1.15	0.04	0.35	<2	0.26	3.10	0.175	0.004
615615	Rock Pulp	0.103	21	13	0.71	268	0.02	27	1.34	0.04	0.35	<2	0.75	3.15	0.046	0.003
615616	Rock Pulp	0.243	26	15	1.05	128	0.09	<20	1.58	0.06	0.21	<2	1.25	11.24	0.596	0.052
615617	Rock Pulp	0.077	15	12	0.28	63	0.06	<20	0.71	0.04	0.29	<2	0.21	2.55	0.009	<0.001
615618	Rock Pulp	0.081	17	10	0.35	103	0.01	<20	0.84	0.03	0.33	<2	0.52	2.55	0.018	<0.001
615619	Rock Pulp	0.083	19	13	0.47	155	<0.01	<20	1.06	0.04	0.36	<2	1.00	2.71	0.019	0.003
615620	Rock Pulp	0.065	17	24	0.36	116	<0.01	<20	0.90	0.04	0.36	<2	0.86	2.35	0.013	0.002
615621	Rock Pulp	0.066	7	298	4.56	217	0.21	<20	1.60	0.02	0.08	<2	<0.05	3.99	0.005	0.002
615622	Rock Pulp	0.061	16	86	0.37	74	<0.01	<20	0.94	0.04	0.39	<2	0.32	2.39	0.009	<0.001
615623	Rock Pulp	0.062	17	14	0.39	316	<0.01	<20	0.94	0.03	0.36	<2	0.55	2.51	0.010	<0.001
615624	Rock Pulp	0.063	17	14	0.29	178	<0.01	<20	0.80	0.04	0.33	<2	1.21	2.20	0.013	<0.001
615625	Rock Pulp	0.062	17	15	0.32	125	<0.01	<20	0.83	0.04	0.34	<2	1.20	2.29	0.008	<0.001
615626	Rock Pulp	0.057	16	15	0.39	192	<0.01	<20	0.87	0.04	0.29	<2	0.70	2.25	0.013	<0.001
615627	Rock Pulp	0.180	28	10	1.04	95	<0.01	<20	1.54	0.03	0.21	<2	1.36	4.73	0.109	0.003
615628	Rock Pulp	0.141	25	15	0.97	168	<0.01	<20	1.41	0.03	0.23	<2	1.39	3.94	0.280	0.008
615629	Rock Pulp	0.167	28	14	1.04	61	<0.01	<20	1.65	0.04	0.28	<2	2.10	4.66	0.346	0.010
615630	Rock Pulp	0.168	30	13	1.01	97	<0.01	<20	1.57	0.04	0.24	<2	1.93	4.60	0.139	0.005
615631	Rock Pulp	0.128	23	20	0.73	42	<0.01	<20	1.02	0.04	0.27	<2	2.79	3.83	0.335	0.010
615632	Rock Pulp	0.119	22	16	0.72	72	<0.01	<20	1.16	0.03	0.25	<2	1.83	3.87	0.138	0.007
615633	Rock Pulp	0.169	28	16	1.16	112	<0.01	<20	1.62	0.04	0.26	<2	1.60	5.28	0.139	0.007
615634	Rock Pulp	0.129	16	10	0.77	98	0.01	<20	1.26	0.03	0.36	<2	1.64	3.62	0.012	<0.001
615635	Rock Pulp	0.242	23	14	1.07	120	0.08	<20	1.54	0.05	0.20	4	1.25	11.20	0.593	0.048
615636	Rock Pulp	0.125	16	34	0.73	100	<0.01	<20	1.19	0.02	0.32	<2	1.64	3.70	0.016	0.002
615637	Rock Pulp	0.122	15	12	0.75	346	<0.01	<20	1.24	0.03	0.32	<2	0.49	3.59	0.016	0.001

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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615638	Rock Pulp	<0.01	<1	175	23	109	<0.3	2	10	1358	3.26	3	<8	<2	<2	242	0.8	<3	<3	160	3.28
615639	Rock Pulp	0.02	5	621	13	116	0.5	2	11	1888	3.07	5	<8	<2	<2	262	<0.5	<3	<3	129	3.55
615640	Rock Pulp	0.02	<1	827	7	98	0.7	5	10	1493	3.04	<2	8	<2	<2	224	<0.5	<3	<3	126	2.79
615641	Rock Pulp	<0.01	<1	95	14	87	<0.3	2	9	1540	3.36	<2	<8	<2	<2	307	<0.5	<3	<3	167	3.42
615642	Rock Pulp	<0.01	<1	119	16	100	<0.3	2	10	1264	3.44	8	<8	<2	<2	271	<0.5	<3	<3	163	3.39
615643	Rock Pulp	<0.01	<1	366	15	163	<0.3	2	14	1970	3.94	6	<8	<2	<2	210	0.6	<3	<3	167	4.47
615644	Rock Pulp	<0.01	1	260	23	158	0.3	2	13	1960	3.78	7	<8	<2	<2	208	0.7	<3	5	164	4.63
615645	Rock Pulp	<0.01	1	267	32	173	<0.3	3	13	2044	3.82	8	<8	<2	<2	217	1.4	<3	4	163	4.79
615646	Rock Pulp	<0.01	<1	389	8	128	<0.3	2	12	1828	3.07	2	<8	<2	<2	263	<0.5	<3	<3	133	4.18
615647	Rock Pulp	<0.01	<1	300	15	101	<0.3	1	10	2532	2.91	5	<8	<2	<2	365	<0.5	<3	<3	111	5.33
615648	Rock Pulp	<0.01	6	363	36	120	0.4	1	11	1616	3.05	18	<8	<2	<2	214	0.6	<3	<3	101	3.43
615649	Rock Pulp	<0.01	2	224	31	112	<0.3	1	9	1603	2.76	14	<8	<2	<2	261	<0.5	<3	4	99	3.42
615650	Rock Pulp	<0.01	<1	281	17	138	0.3	2	11	1722	3.28	4	<8	<2	<2	304	0.9	<3	<3	141	3.95
615651	Rock Pulp	<0.01	2	142	21	80	<0.3	9	14	1557	3.56	12	<8	<2	<2	249	<0.5	<3	<3	152	4.28
615652	Rock Pulp	<0.01	<1	129	17	78	<0.3	5	13	1481	3.61	11	<8	<2	<2	219	<0.5	<3	5	150	3.84
615653	Rock Pulp	<0.01	<1	155	27	78	<0.3	4	13	1381	3.63	16	<8	<2	<2	238	<0.5	<3	5	146	3.43
615654	Rock Pulp	<0.01	3	137	86	94	<0.3	5	13	1376	3.50	29	<8	<2	<2	180	<0.5	<3	6	135	3.31
615655	Rock Pulp	<0.01	<1	41	3	57	<0.3	376	28	622	3.49	<2	<8	<2	<2	84	<0.5	<3	5	67	2.35
615656	Rock Pulp	0.03	<1	786	26	119	0.7	3	13	1946	3.51	22	<8	<2	<2	222	0.7	<3	4	140	4.95
615657	Rock Pulp	<0.01	<1	309	9	119	<0.3	3	10	1994	3.19	5	<8	<2	<2	289	<0.5	<3	<3	151	5.49
615658	Rock Pulp	0.50	12	5756	12	207	2.9	11	28	2075	9.88	38	9	<2	<2	177	1.4	3	<3	441	3.50
615659	Rock Pulp	0.01	<1	414	15	107	<0.3	3	12	2112	3.52	10	10	<2	<2	247	0.7	<3	4	161	5.54
615660	Rock Pulp	<0.01	<1	148	19	75	<0.3	5	12	1436	3.48	7	<8	<2	<2	184	<0.5	<3	<3	158	3.42
615661	Rock Pulp	<0.01	<1	158	19	75	<0.3	5	14	1480	3.65	8	<8	<2	<2	226	0.5	<3	<3	156	3.62
615662	Rock Pulp	<0.01	<1	127	19	78	<0.3	5	13	1549	3.55	4	<8	<2	<2	308	0.8	<3	<3	164	3.64
615663	Rock Pulp	<0.01	<1	369	16	106	0.3	2	10	1514	3.05	7	<8	<2	<2	268	0.6	<3	<3	128	3.67
615664	Rock Pulp	0.01	6	142	17	82	<0.3	1	6	1079	2.12	7	<8	<2	<2	227	<0.5	<3	<3	82	2.85
615665	Rock Pulp	<0.01	<1	42	<3	55	<0.3	372	28	609	3.48	<2	<8	<2	<2	82	<0.5	<3	<3	69	2.30
615666	Rock Pulp	<0.01	15	164	24	82	<0.3	2	7	1124	2.12	12	<8	<2	<2	233	<0.5	<3	<3	74	2.72
615667	Rock Pulp	<0.01	<1	222	12	82	<0.3	<1	6	1176	2.09	4	<8	<2	<2	247	<0.5	<3	<3	83	2.77

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CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615638	Rock Pulp	0.123	16	13	0.84	387	0.01	26	1.40	0.04	0.38	<2	0.10	3.54	0.017	<0.001
615639	Rock Pulp	0.065	19	25	0.81	557	<0.01	<20	1.24	0.04	0.22	<2	0.33	3.44	0.061	0.006
615640	Rock Pulp	0.077	18	21	0.75	789	0.01	<20	1.07	0.04	0.21	<2	0.25	3.38	0.083	0.006
615641	Rock Pulp	0.141	15	14	1.15	411	0.04	24	1.41	0.04	0.30	<2	<0.05	3.85	0.010	0.001
615642	Rock Pulp	0.140	15	13	0.99	98	0.03	<20	1.41	0.04	0.36	<2	0.25	3.90	0.012	<0.001
615643	Rock Pulp	0.143	20	16	1.23	87	0.02	28	1.73	0.05	0.31	<2	0.27	4.42	0.037	0.002
615644	Rock Pulp	0.145	20	12	1.15	101	0.02	21	1.60	0.04	0.28	<2	0.15	4.24	0.026	<0.001
615645	Rock Pulp	0.154	21	15	1.17	164	0.02	21	1.65	0.04	0.28	<2	0.15	4.39	0.027	0.001
615646	Rock Pulp	0.138	20	12	0.84	71	0.01	21	1.26	0.04	0.30	<2	0.07	3.97	0.040	0.005
615647	Rock Pulp	0.123	20	10	0.79	81	<0.01	<20	1.03	0.04	0.31	<2	0.12	3.42	0.030	0.003
615648	Rock Pulp	0.107	23	11	0.71	134	<0.01	31	1.35	0.05	0.36	<2	1.27	3.24	0.036	0.002
615649	Rock Pulp	0.097	21	16	0.66	171	0.01	48	1.43	0.05	0.44	<2	0.96	2.87	0.021	0.001
615650	Rock Pulp	0.133	20	24	0.91	623	0.02	25	1.39	0.04	0.33	<2	0.25	3.55	0.028	<0.001
615651	Rock Pulp	0.140	15	22	1.16	583	0.02	<20	1.60	0.04	0.33	<2	0.28	3.99	0.014	<0.001
615652	Rock Pulp	0.145	14	18	1.21	205	0.02	24	1.74	0.04	0.35	<2	0.58	4.02	0.013	<0.001
615653	Rock Pulp	0.144	13	17	1.19	190	0.03	31	1.75	0.05	0.41	<2	0.95	4.03	0.015	<0.001
615654	Rock Pulp	0.135	14	23	1.01	68	0.01	26	1.60	0.05	0.34	<2	1.56	3.95	0.014	0.001
615655	Rock Pulp	0.068	6	303	4.30	167	0.18	<20	1.57	0.02	0.07	<2	<0.05	4.01	0.005	0.002
615656	Rock Pulp	0.145	23	15	1.03	115	0.03	24	1.47	0.04	0.30	<2	1.09	3.93	0.082	0.004
615657	Rock Pulp	0.139	15	14	0.86	192	0.07	<20	1.16	0.02	0.23	<2	0.10	3.66	0.031	0.003
615658	Rock Pulp	0.223	23	14	1.03	143	0.08	<20	1.50	0.05	0.20	5	1.21	11.26	0.601	0.050
615659	Rock Pulp	0.150	22	15	1.05	86	0.08	25	1.49	0.03	0.30	<2	0.35	4.10	0.044	0.003
615660	Rock Pulp	0.131	13	20	1.19	110	0.11	<20	1.55	0.05	0.35	<2	0.15	3.87	0.015	<0.001
615661	Rock Pulp	0.138	13	21	1.24	483	0.09	<20	1.63	0.05	0.31	<2	0.74	4.07	0.015	0.001
615662	Rock Pulp	0.130	13	37	1.15	992	0.14	<20	1.53	0.05	0.35	<2	0.31	3.93	0.013	0.003
615663	Rock Pulp	0.112	16	13	0.85	172	0.04	23	1.25	0.03	0.33	<2	0.40	3.36	0.037	0.003
615664	Rock Pulp	0.067	14	13	0.45	229	0.03	20	0.91	0.04	0.30	<2	0.36	2.29	0.014	<0.001
615665	Rock Pulp	0.065	7	297	4.25	164	0.21	<20	1.57	0.02	0.08	<2	<0.05	3.98	0.005	0.002
615666	Rock Pulp	0.071	18	15	0.41	124	<0.01	<20	0.93	0.03	0.32	<2	0.55	2.22	0.016	<0.001
615667	Rock Pulp	0.068	16	10	0.44	197	0.02	<20	0.85	0.03	0.28	<2	0.19	2.22	0.022	<0.001

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CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615668	Rock Pulp	<0.01	3	144	15	85	<0.3	1	7	1146	2.18	11	<8	<2	<2	221	<0.5	<3	<3	58	2.79
615669	Rock Pulp	<0.01	2	123	22	85	<0.3	<1	7	1245	2.21	8	<8	<2	<2	206	<0.5	<3	<3	59	3.07
615670	Rock Pulp	<0.01	2	282	18	96	<0.3	1	9	1720	2.93	11	<8	<2	<2	195	<0.5	<3	<3	102	4.12
615671	Rock Pulp	<0.01	2	226	15	96	<0.3	2	9	1734	2.97	10	<8	<2	<2	197	<0.5	<3	<3	111	4.35
615672	Rock Pulp	<0.01	8	247	13	91	<0.3	1	9	1424	2.89	20	8	<2	<2	200	<0.5	<3	<3	101	3.09
615673	Rock Pulp	<0.01	7	113	15	64	<0.3	1	7	1140	2.54	8	<8	<2	2	202	<0.5	<3	<3	99	2.30
615674	Rock Pulp	<0.01	2	231	16	94	0.3	1	7	1456	2.54	7	<8	<2	<2	231	<0.5	<3	<3	99	3.33
615675	Rock Pulp	<0.01	20	290	24	99	<0.3	2	8	1314	2.99	9	<8	<2	<2	154	<0.5	<3	<3	89	2.49
615676	Rock Pulp	0.01	2	196	27	107	<0.3	2	9	1514	2.81	9	<8	<2	<2	107	<0.5	<3	<3	108	2.74
615677	Rock Pulp	<0.01	2	167	21	81	<0.3	1	7	1027	2.47	7	<8	<2	<2	67	<0.5	<3	<3	98	2.04
615678	Rock Pulp	<0.01	<1	111	33	75	<0.3	1	7	1102	2.59	8	<8	<2	<2	71	<0.5	<3	<3	106	2.14
615679	Rock Pulp	0.59	12	5848	14	211	2.9	11	29	2118	10.12	40	<8	<2	<2	184	1.3	<3	<3	445	3.59
615680	Rock Pulp	<0.01	<1	93	27	81	<0.3	5	16	1272	4.10	11	<8	<2	<2	127	<0.5	<3	<3	149	2.73
615681	Rock Pulp	<0.01	5	91	33	59	<0.3	2	11	1089	3.41	13	<8	<2	<2	59	<0.5	<3	<3	107	2.52
615682	Rock Pulp	0.02	<1	121	10	74	<0.3	14	20	1720	4.58	17	<8	<2	<2	204	<0.5	<3	<3	167	4.42
615683	Rock Pulp	<0.01	<1	131	17	79	<0.3	7	13	1184	3.46	11	<8	<2	<2	162	0.6	<3	<3	137	2.57
615684	Rock Pulp	<0.01	<1	44	<3	55	<0.3	368	28	632	3.56	3	<8	<2	<2	88	<0.5	<3	<3	67	2.53
615685	Rock Pulp	<0.01	<1	226	23	63	<0.3	1	6	1023	2.11	12	<8	<2	<2	95	<0.5	<3	<3	76	2.56
615686	Rock Pulp	<0.01	2	159	47	89	<0.3	2	9	1273	2.94	13	<8	<2	<2	124	<0.5	<3	<3	102	3.42
615687	Rock Pulp	<0.01	1	162	32	111	<0.3	2	11	1485	3.42	9	<8	<2	<2	168	<0.5	<3	<3	150	3.53
615688	Rock Pulp	<0.01	7	172	58	98	<0.3	1	12	1707	3.38	18	<8	<2	<2	145	0.9	<3	3	116	3.89
615689	Rock Pulp	<0.01	7	178	44	106	<0.3	1	11	1741	3.39	16	<8	<2	<2	158	<0.5	<3	<3	130	4.12
615690	Rock Pulp	<0.01	8	265	44	121	<0.3	1	12	1734	3.40	19	<8	<2	<2	132	1.7	<3	<3	113	3.53
615691	Rock Pulp	0.02	4	283	46	103	<0.3	2	12	1626	3.22	19	<8	<2	<2	161	0.6	<3	<3	124	3.55
615692	Rock Pulp	0.21	8	5055	34	166	3.6	2	17	2170	4.94	16	<8	<2	2	135	1.9	<3	8	213	3.85
615693	Rock Pulp	0.02	3	357	31	150	0.5	2	15	2101	4.60	25	<8	<2	2	168	0.9	<3	8	193	4.10
615694	Rock Pulp	0.21	5	6238	48	214	3.8	4	26	2838	10.12	30	<8	<2	<2	166	2.0	3	6	466	4.68
615695	Rock Pulp	<0.01	9	241	22	124	0.5	2	12	1577	3.55	16	<8	<2	<2	151	0.6	3	5	158	3.59
615696	Rock Pulp	<0.01	5	307	17	118	<0.3	2	11	1694	3.47	15	<8	<2	<2	143	0.7	<3	5	154	4.01
615697	Rock Pulp	<0.01	2	247	30	121	0.3	2	12	1728	3.52	18	<8	<2	2	144	0.9	<3	9	149	3.99

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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615668	Rock Pulp	0.069	19	17	0.39	124	<0.01	<20	0.91	0.03	0.31	<2	1.04	2.27	0.014	0.003
615669	Rock Pulp	0.072	20	16	0.39	108	<0.01	<20	0.96	0.04	0.34	<2	1.20	2.22	0.012	<0.001
615670	Rock Pulp	0.092	19	14	0.67	99	0.02	22	1.29	0.04	0.32	<2	1.27	3.10	0.028	0.003
615671	Rock Pulp	0.096	19	15	0.71	137	0.03	<20	1.25	0.04	0.29	<2	1.23	3.22	0.022	0.004
615672	Rock Pulp	0.088	18	13	0.65	139	0.04	<20	1.12	0.04	0.28	<2	1.21	3.08	0.024	<0.001
615673	Rock Pulp	0.078	15	13	0.49	130	0.07	<20	0.95	0.05	0.32	<2	0.85	2.57	0.011	<0.001
615674	Rock Pulp	0.081	17	15	0.54	707	0.07	<20	1.12	0.04	0.34	<2	0.51	2.60	0.022	0.001
615675	Rock Pulp	0.105	17	19	0.65	184	<0.01	<20	1.24	0.03	0.37	<2	1.23	3.28	0.030	0.003
615676	Rock Pulp	0.084	18	22	0.63	373	<0.01	24	1.20	0.04	0.33	<2	0.35	3.18	0.020	0.010
615677	Rock Pulp	0.078	16	14	0.48	114	<0.01	<20	0.92	0.04	0.26	<2	0.35	2.50	0.016	0.009
615678	Rock Pulp	0.084	17	12	0.69	236	<0.01	<20	1.11	0.06	0.26	<2	0.44	2.60	0.011	0.001
615679	Rock Pulp	0.227	23	14	1.06	142	0.09	<20	1.57	0.05	0.21	4	1.23	11.24	0.602	0.053
615680	Rock Pulp	0.155	11	14	1.45	301	0.07	<20	1.84	0.24	0.21	<2	0.61	4.60	0.010	0.002
615681	Rock Pulp	0.139	12	12	1.11	97	0.04	<20	1.32	0.05	0.24	<2	2.22	3.62	0.009	0.002
615682	Rock Pulp	0.141	9	39	1.52	129	0.14	<20	2.37	0.52	0.29	<2	0.13	5.17	0.012	0.002
615683	Rock Pulp	0.113	13	22	0.78	88	0.07	<20	1.76	0.42	0.31	<2	0.14	3.81	0.013	0.001
615684	Rock Pulp	0.063	7	290	4.41	169	0.20	<20	1.55	0.02	0.08	<2	<0.05	3.87	0.005	0.002
615685	Rock Pulp	0.061	17	10	0.35	159	<0.01	24	0.91	0.04	0.35	<2	0.54	2.13	0.021	0.001
615686	Rock Pulp	0.105	18	9	0.63	150	<0.01	31	1.25	0.04	0.39	<2	0.90	3.14	0.015	<0.001
615687	Rock Pulp	0.142	20	8	0.90	636	0.01	46	1.52	0.04	0.43	<2	0.22	3.58	0.015	<0.001
615688	Rock Pulp	0.138	21	8	0.76	154	<0.01	47	1.52	0.04	0.50	<2	1.32	3.63	0.017	0.002
615689	Rock Pulp	0.136	21	8	0.82	280	<0.01	52	1.63	0.04	0.52	<2	0.98	3.64	0.017	<0.001
615690	Rock Pulp	0.132	22	7	0.89	120	<0.01	44	1.64	0.04	0.48	<2	1.43	3.63	0.026	<0.001
615691	Rock Pulp	0.136	20	10	0.80	127	<0.01	50	1.56	0.04	0.51	<2	1.00	3.56	0.029	0.001
615692	Rock Pulp	0.147	21	14	1.11	134	<0.01	44	1.78	0.03	0.42	3	1.36	5.26	0.505	0.011
615693	Rock Pulp	0.163	23	14	1.03	41	<0.01	53	1.74	0.04	0.49	<2	1.58	4.77	0.035	0.001
615694	Rock Pulp	0.214	24	13	1.17	33	0.01	49	1.92	0.03	0.43	5	2.44	9.85	0.617	0.012
615695	Rock Pulp	0.154	19	11	0.97	103	0.01	46	1.64	0.03	0.51	<2	0.32	3.88	0.024	<0.001
615696	Rock Pulp	0.148	20	13	1.01	155	0.02	40	1.56	0.04	0.42	<2	0.46	3.78	0.031	<0.001
615697	Rock Pulp	0.130	18	13	0.97	257	<0.01	39	1.55	0.03	0.40	<2	0.72	3.93	0.025	<0.001

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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615698	Rock Pulp	<0.01	1	284	26	136	0.3	2	12	1858	3.66	11	<8	<2	2	161	1.1	<3	7	161	4.64
615699	Rock Pulp	<0.01	4	249	20	83	<0.3	<1	7	1263	2.30	12	<8	<2	<2	115	<0.5	<3	<3	87	2.54
615700	Rock Pulp	<0.01	<1	80	14	81	<0.3	1	7	1355	2.47	9	<8	<2	<2	127	<0.5	<3	<3	97	2.63
615701	Rock Pulp	<0.01	2	131	27	80	<0.3	<1	8	1305	2.66	16	<8	<2	<2	142	<0.5	<3	3	86	2.47
615702	Rock Pulp	<0.01	<1	76	21	79	<0.3	2	10	1478	3.66	9	<8	<2	<2	177	<0.5	<3	4	167	3.77
615703	Rock Pulp	<0.01	<1	90	18	88	<0.3	2	10	1499	3.69	8	<8	<2	<2	188	0.5	<3	6	167	4.02
615704	Rock Pulp	<0.01	3	127	31	106	<0.3	1	11	1617	3.58	17	<8	<2	<2	209	0.7	<3	6	108	4.08
615705	Rock Pulp	<0.01	<1	139	27	96	<0.3	2	11	1474	3.36	13	<8	<2	<2	193	<0.5	<3	4	129	3.64
615706	Rock Pulp	<0.01	<1	44	5	55	<0.3	369	27	646	3.60	2	<8	<2	<2	88	<0.5	<3	4	66	2.56
615707	Rock Pulp	<0.01	1	186	22	117	<0.3	2	12	1340	3.78	15	<8	<2	<2	227	0.7	<3	4	127	3.26
615708	Rock Pulp	<0.01	1	155	30	133	<0.3	1	12	1703	3.46	13	<8	<2	<2	247	0.9	<3	5	121	4.06
615709	Rock Pulp	0.02	1	747	23	154	0.7	2	15	2808	3.73	14	<8	<2	<2	264	0.9	<3	4	133	7.03
615710	Rock Pulp	0.02	2	552	33	112	0.4	2	10	1541	2.98	13	<8	<2	<2	242	0.7	<3	3	103	3.12
615711	Rock Pulp	<0.01	<1	102	10	72	<0.3	<1	6	1119	2.52	4	<8	<2	<2	221	<0.5	<3	4	109	2.48
615712	Rock Pulp	<0.01	1	188	10	83	<0.3	<1	7	1222	2.63	5	<8	<2	<2	238	<0.5	<3	3	115	2.68
615713	Rock Pulp	<0.01	6	112	32	99	<0.3	<1	10	1713	2.97	17	<8	<2	<2	309	1.2	<3	<3	74	4.49
615714	Rock Pulp	<0.01	4	98	28	98	<0.3	<1	9	2143	2.84	16	<8	<2	<2	327	0.8	<3	6	75	5.13
615715	Rock Pulp	<0.01	4	170	27	105	<0.3	<1	9	1345	2.60	11	<8	<2	<2	241	0.7	<3	<3	77	2.77
615716	Rock Pulp	<0.01	2	147	30	92	<0.3	<1	7	1213	2.17	12	<8	<2	<2	211	<0.5	<3	<3	59	2.76
615717	Rock Pulp	<0.01	2	117	43	81	<0.3	<1	7	1152	2.24	12	<8	<2	<2	199	0.7	<3	4	60	2.53
615718	Rock Pulp	<0.01	3	165	43	98	<0.3	1	7	1122	2.27	12	<8	<2	<2	216	0.9	<3	4	46	2.63
615719	Rock Pulp	<0.01	5	199	38	90	<0.3	1	10	1286	3.04	17	<8	<2	<2	318	1.2	<3	4	29	4.06
615720	Rock Pulp	0.53	12	6038	12	219	2.9	11	29	2192	10.95	41	8	<2	<2	189	0.6	3	7	460	3.74
615721	Rock Pulp	<0.01	3	227	30	53	<0.3	1	11	1444	3.47	30	<8	<2	<2	383	<0.5	<3	4	28	5.27
615722	Rock Pulp	0.02	6	544	50	66	0.6	2	15	1500	3.60	41	<8	<2	<2	496	1.2	<3	5	26	5.94
615723	Rock Pulp	0.03	14	691	37	65	1.0	2	17	1762	2.81	44	<8	<2	<2	467	0.8	<3	3	24	7.06
615724	Rock Pulp	<0.01	3	496	12	98	0.4	2	11	1985	3.01	17	<8	<2	<2	384	0.6	<3	6	60	6.48
615725	Rock Pulp	<0.01	3	377	14	110	<0.3	2	10	1632	3.02	10	<8	<2	<2	257	0.5	<3	<3	100	4.73
615726	Rock Pulp	<0.01	<1	104	4	78	<0.3	187	26	780	4.78	10	<8	<2	<2	188	0.7	<3	8	164	2.44
615727	Rock Pulp	<0.01	2	114	11	70	<0.3	1	7	1116	2.00	9	<8	<2	<2	206	<0.5	<3	3	72	2.80

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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615698	Rock Pulp	0.150	20	11	1.02	550	<0.01	40	1.51	0.04	0.35	<2	0.33	4.08	0.029	<0.001
615699	Rock Pulp	0.074	17	12	0.49	133	<0.01	23	0.91	0.03	0.28	<2	0.49	2.42	0.025	<0.001
615700	Rock Pulp	0.081	18	20	0.51	102	<0.01	31	1.03	0.05	0.37	<2	0.30	2.40	0.008	<0.001
615701	Rock Pulp	0.083	18	12	0.56	64	<0.01	31	1.18	0.04	0.40	<2	1.16	2.57	0.012	<0.001
615702	Rock Pulp	0.150	17	11	1.02	326	0.02	32	1.52	0.05	0.44	<2	0.29	3.88	0.007	<0.001
615703	Rock Pulp	0.148	17	10	1.08	285	0.02	27	1.56	0.05	0.42	<2	0.17	3.86	0.008	<0.001
615704	Rock Pulp	0.150	17	8	0.89	56	<0.01	29	1.57	0.03	0.40	<2	1.52	3.81	0.012	<0.001
615705	Rock Pulp	0.136	17	12	0.92	152	0.01	25	1.48	0.03	0.42	<2	0.94	3.65	0.013	<0.001
615706	Rock Pulp	0.064	7	294	4.44	171	0.21	<20	1.55	0.03	0.08	<2	<0.05	3.93	0.005	0.002
615707	Rock Pulp	0.151	20	10	1.01	57	<0.01	22	1.46	0.03	0.35	<2	1.80	4.08	0.018	<0.001
615708	Rock Pulp	0.148	20	8	0.92	160	<0.01	20	1.49	0.03	0.37	<2	0.81	3.82	0.015	<0.001
615709	Rock Pulp	0.185	31	6	1.11	155	<0.01	23	1.61	0.03	0.31	<2	0.82	4.16	0.076	0.002
615710	Rock Pulp	0.105	20	27	0.66	189	<0.01	34	1.29	0.04	0.41	<2	0.91	3.02	0.053	0.001
615711	Rock Pulp	0.079	16	12	0.46	153	0.01	<20	0.90	0.05	0.30	<2	0.15	2.49	0.010	<0.001
615712	Rock Pulp	0.082	17	17	0.58	401	<0.01	27	1.11	0.06	0.32	<2	0.19	2.58	0.017	<0.001
615713	Rock Pulp	0.126	18	8	0.62	56	<0.01	26	1.33	0.03	0.37	<2	1.69	3.12	0.011	<0.001
615714	Rock Pulp	0.111	17	13	0.65	66	<0.01	23	1.31	0.03	0.36	<2	1.38	2.95	0.009	<0.001
615715	Rock Pulp	0.096	16	10	0.57	91	<0.01	<20	1.17	0.03	0.34	<2	1.17	2.70	0.016	<0.001
615716	Rock Pulp	0.074	15	14	0.42	158	<0.01	<20	0.98	0.03	0.34	<2	1.00	2.13	0.014	<0.001
615717	Rock Pulp	0.073	16	8	0.41	78	<0.01	<20	0.82	0.03	0.29	<2	1.27	2.27	0.011	<0.001
615718	Rock Pulp	0.072	14	13	0.36	62	<0.01	<20	0.82	0.03	0.30	<2	1.70	2.32	0.016	<0.001
615719	Rock Pulp	0.115	14	5	0.36	37	<0.01	<20	0.90	0.01	0.34	<2	2.67	3.25	0.019	<0.001
615720	Rock Pulp	0.239	23	14	1.08	104	0.09	<20	1.61	0.05	0.21	5	1.29	11.11	0.598	0.050
615721	Rock Pulp	0.145	14	5	0.35	36	<0.01	<20	1.10	0.02	0.44	<2	2.97	3.64	0.022	<0.001
615722	Rock Pulp	0.174	16	8	0.32	23	<0.01	<20	1.10	<0.01	0.44	<2	3.13	3.68	0.054	0.001
615723	Rock Pulp	0.150	14	7	0.26	20	<0.01	<20	0.90	<0.01	0.36	<2	2.34	2.90	0.071	0.002
615724	Rock Pulp	0.151	18	6	0.67	176	<0.01	<20	1.58	0.02	0.42	<2	0.74	3.26	0.049	0.001
615725	Rock Pulp	0.128	17	10	0.91	244	<0.01	<20	1.50	0.03	0.31	<2	0.52	3.36	0.037	0.001
615726	Rock Pulp	0.093	6	175	2.95	119	0.20	<20	2.23	0.22	0.06	<2	<0.05	5.18	0.010	<0.001
615727	Rock Pulp	0.078	15	15	0.55	315	<0.01	<20	0.96	0.02	0.25	<2	0.35	2.19	0.011	<0.001

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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615728	Rock Pulp	<0.01	2	74	23	82	0.3	2	9	1179	2.61	11	<8	<2	<2	196	<0.5	<3	<3	84	3.00
615729	Rock Pulp	<0.01	1	161	18	100	<0.3	2	10	1428	2.77	13	<8	<2	<2	287	<0.5	<3	3	98	3.71
615730	Rock Pulp	<0.01	1	301	18	100	0.4	2	9	1390	2.52	13	<8	<2	<2	227	<0.5	<3	4	88	3.50
615731	Rock Pulp	<0.01	9	165	27	70	0.3	2	9	1605	2.53	18	<8	<2	<2	240	0.6	<3	<3	66	4.78
615732	Rock Pulp	<0.01	<1	322	20	102	0.3	2	10	1654	2.85	15	<8	<2	<2	217	<0.5	<3	<3	94	4.08
615733	Rock Pulp	<0.01	8	124	35	86	<0.3	3	13	1360	3.67	14	<8	<2	<2	254	<0.5	<3	3	128	3.76
615734	Rock Pulp	<0.01	14	141	50	98	<0.3	3	15	1434	3.98	23	<8	<2	<2	255	0.6	<3	5	126	3.90
615735	Rock Pulp	<0.01	2	131	29	75	<0.3	3	14	1364	3.89	14	<8	<2	<2	280	<0.5	<3	<3	151	4.16
615736	Rock Pulp	<0.01	4	119	26	75	<0.3	3	14	1346	3.86	12	<8	<2	<2	303	<0.5	<3	5	166	4.10
615737	Rock Pulp	<0.01	2	110	33	76	<0.3	2	14	1381	3.78	13	<8	<2	<2	261	<0.5	<3	4	127	3.77
615738	Rock Pulp	<0.01	15	118	51	92	<0.3	3	15	1355	3.92	16	<8	<2	<2	257	<0.5	<3	3	124	3.23
615739	Rock Pulp	0.53	11	5607	13	209	2.9	11	27	2040	9.25	41	<8	<2	<2	175	1.2	<3	6	424	3.38
615740	Rock Pulp	<0.01	16	97	13	70	<0.3	12	11	1152	2.99	10	<8	<2	<2	640	<0.5	<3	<3	94	3.10
615741	Rock Pulp	<0.01	7	114	19	87	0.3	1	7	1207	2.30	13	<8	<2	<2	245	<0.5	<3	<3	70	3.27
615742	Rock Pulp	<0.01	2	141	22	96	0.3	1	7	1232	2.35	9	<8	<2	<2	234	<0.5	<3	<3	81	3.27
615743	Rock Pulp	<0.01	<1	97	<3	77	<0.3	196	27	738	4.56	13	<8	<2	<2	144	0.6	<3	5	162	2.34
615744	Rock Pulp	<0.01	3	80	8	87	<0.3	3	8	1095	2.55	6	<8	<2	<2	314	<0.5	<3	<3	106	2.64
615745	Rock Pulp	<0.01	8	82	13	94	<0.3	1	9	1305	2.69	11	<8	<2	<2	225	<0.5	<3	4	97	3.25
615746	Rock Pulp	<0.01	7	121	15	96	<0.3	1	8	1307	2.67	9	<8	<2	<2	207	<0.5	<3	4	95	3.20
615747	Rock Pulp	0.01	9	99	10	94	0.3	<1	8	1144	2.66	10	<8	<2	<2	217	<0.5	<3	<3	97	2.64
615748	Rock Pulp	<0.01	5	121	12	92	<0.3	2	9	1282	2.64	10	<8	<2	<2	214	<0.5	<3	<3	95	3.09
615749	Rock Pulp	<0.01	12	120	15	98	0.4	1	9	1470	2.81	8	<8	<2	<2	239	<0.5	<3	<3	98	3.70
615750	Rock Pulp	<0.01	4	138	12	91	<0.3	2	9	1337	2.76	10	<8	<2	<2	223	<0.5	<3	<3	108	3.30
615751	Rock Pulp	<0.01	6	387	21	134	0.5	2	14	2037	3.57	17	<8	<2	2	281	0.5	<3	3	103	5.03
615752	Rock Pulp	0.02	2	658	13	167	0.7	2	17	2521	3.83	24	<8	<2	<2	243	<0.5	<3	4	136	5.60
615753	Rock Pulp	0.02	<1	588	11	178	0.8	3	17	2854	4.11	16	<8	<2	<2	245	0.6	<3	4	166	6.10
615754	Rock Pulp	<0.01	<1	110	10	90	<0.3	1	8	1301	2.67	8	<8	<2	<2	241	<0.5	<3	<3	108	3.06
615755	Rock Pulp	<0.01	<1	153	28	89	0.4	2	9	1552	2.64	10	<8	<2	<2	337	<0.5	<3	<3	104	4.29
615756	Rock Pulp	<0.01	3	120	12	92	<0.3	2	8	1154	2.79	15	<8	<2	<2	65	<0.5	<3	<3	66	2.69
615757	Rock Pulp	0.02	9	384	20	90	0.5	2	9	1566	2.85	18	<8	<2	<2	87	0.7	<3	3	77	3.78

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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615728	Rock Pulp	0.104	14	14	0.69	325	0.02	<20	1.16	0.03	0.35	<2	0.89	3.08	0.007	0.001
615729	Rock Pulp	0.121	15	9	0.76	332	<0.01	<20	1.32	0.02	0.35	<2	0.81	3.33	0.016	<0.001
615730	Rock Pulp	0.123	18	18	0.73	431	0.01	26	1.27	0.03	0.33	<2	0.59	3.04	0.032	0.002
615731	Rock Pulp	0.101	16	13	0.50	66	0.01	29	1.01	0.03	0.36	<2	1.45	2.65	0.016	<0.001
615732	Rock Pulp	0.136	23	13	0.77	186	<0.01	<20	1.27	0.04	0.30	<2	1.26	3.21	0.033	0.001
615733	Rock Pulp	0.155	15	12	0.99	145	0.02	<20	1.50	0.04	0.37	<2	1.62	4.16	0.012	0.001
615734	Rock Pulp	0.164	16	11	1.07	105	0.02	<20	1.60	0.04	0.38	<2	2.21	4.40	0.013	0.001
615735	Rock Pulp	0.167	15	10	1.10	193	0.02	<20	1.58	0.04	0.39	<2	1.07	4.34	0.013	<0.001
615736	Rock Pulp	0.170	15	8	1.13	292	0.02	<20	1.61	0.04	0.40	<2	0.57	4.38	0.011	0.002
615737	Rock Pulp	0.155	14	6	1.06	123	0.01	<20	1.42	0.03	0.27	<2	2.05	4.50	0.011	0.001
615738	Rock Pulp	0.161	15	9	1.04	126	0.02	<20	1.56	0.04	0.37	<2	2.16	4.65	0.012	0.001
615739	Rock Pulp	0.224	22	13	1.03	133	0.07	<20	1.45	0.05	0.19	4	1.23	11.19	0.606	0.058
615740	Rock Pulp	0.114	15	27	1.37	423	0.08	<20	1.59	0.07	0.28	<2	0.75	3.28	0.010	<0.001
615741	Rock Pulp	0.076	17	13	0.49	301	<0.01	<20	1.01	0.03	0.34	<2	0.99	2.43	0.011	<0.001
615742	Rock Pulp	0.082	16	15	0.45	492	<0.01	<20	1.04	0.03	0.35	<2	0.66	2.55	0.014	<0.001
615743	Rock Pulp	0.087	6	166	2.95	121	0.20	<20	2.13	0.21	0.07	<2	<0.05	5.35	0.010	0.002
615744	Rock Pulp	0.088	16	14	0.69	309	0.02	<20	1.10	0.04	0.28	<2	0.30	2.83	0.008	<0.001
615745	Rock Pulp	0.099	16	11	0.64	257	<0.01	22	1.26	0.04	0.36	<2	0.81	3.06	0.008	<0.001
615746	Rock Pulp	0.103	17	11	0.66	234	<0.01	<20	1.12	0.03	0.27	<2	0.66	3.13	0.012	<0.001
615747	Rock Pulp	0.099	15	8	0.67	380	<0.01	<20	1.06	0.03	0.23	<2	0.54	3.07	0.010	<0.001
615748	Rock Pulp	0.099	16	15	0.68	224	<0.01	<20	1.12	0.04	0.26	<2	0.62	3.08	0.012	<0.001
615749	Rock Pulp	0.099	18	13	0.72	317	<0.01	<20	1.20	0.04	0.27	<2	0.72	3.12	0.012	<0.001
615750	Rock Pulp	0.102	17	16	0.67	171	<0.01	<20	1.13	0.04	0.29	<2	0.54	3.08	0.013	<0.001
615751	Rock Pulp	0.144	22	12	0.84	87	<0.01	20	1.47	0.03	0.32	<2	1.63	4.00	0.039	0.001
615752	Rock Pulp	0.154	26	13	1.24	212	0.01	28	1.78	0.03	0.27	<2	1.05	4.38	0.069	0.002
615753	Rock Pulp	0.154	24	13	1.29	196	0.02	32	1.69	0.03	0.20	<2	0.49	4.80	0.061	0.002
615754	Rock Pulp	0.101	15	10	0.65	263	0.01	<20	1.10	0.03	0.28	<2	0.24	3.03	0.011	<0.001
615755	Rock Pulp	0.103	16	10	0.63	782	0.01	<20	1.22	0.03	0.34	<2	0.33	2.91	0.015	<0.001
615756	Rock Pulp	0.108	14	12	0.55	112	0.01	<20	0.96	0.03	0.33	<2	1.79	3.15	0.012	0.001
615757	Rock Pulp	0.093	17	10	0.64	139	<0.01	<20	1.08	0.02	0.24	<2	1.50	3.18	0.039	0.003

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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615758	Rock Pulp	<0.01	2	182	16	83	0.3	2	9	1435	2.94	16	<8	<2	<2	104	<0.5	<3	<3	105	3.43
615759	Rock Pulp	<0.01	2	146	11	107	<0.3	2	10	1436	3.15	10	<8	<2	<2	105	<0.5	<3	4	140	3.20
615760	Rock Pulp	0.03	3	821	19	110	0.6	2	11	2215	3.36	21	<8	<2	<2	115	<0.5	<3	<3	118	4.93
615761	Rock Pulp	0.08	2	2308	15	91	1.5	2	9	1474	2.58	22	<8	<2	<2	97	<0.5	<3	<3	76	3.12
615762	Rock Pulp	0.15	4	4528	31	165	3.3	3	14	2171	3.78	23	<8	<2	4	158	2.3	<3	5	147	5.45
615763	Rock Pulp	0.29	<1	8449	24	158	8.4	3	15	2155	4.21	17	<8	<2	<2	134	1.3	<3	4	156	5.25
615764	Rock Pulp	0.03	1	839	18	97	0.4	1	10	1626	2.74	18	<8	<2	2	115	<0.5	<3	<3	98	3.57
615765	Rock Pulp	0.03	6	861	25	100	0.8	1	11	1636	2.68	18	<8	<2	2	99	3.4	<3	<3	79	3.70
615766	Rock Pulp	<0.01	<1	107	7	84	<0.3	208	29	854	4.86	8	<8	<2	<2	192	<0.5	<3	4	164	2.73
615767	Rock Pulp	0.01	3	352	11	96	0.3	<1	8	1458	2.66	11	<8	<2	2	80	<0.5	<3	4	106	2.95
615768	Rock Pulp	<0.01	<1	325	11	90	<0.3	<1	7	1117	2.52	4	<8	<2	2	73	<0.5	<3	<3	112	2.17
615769	Rock Pulp	<0.01	2	362	22	98	<0.3	1	9	1402	2.62	18	<8	<2	2	93	<0.5	<3	<3	89	2.75
615770	Rock Pulp	<0.01	4	246	27	97	<0.3	<1	8	1265	2.45	13	<8	<2	3	100	<0.5	<3	<3	88	3.06
615771	Rock Pulp	<0.01	<1	107	16	76	<0.3	<1	7	1478	2.49	24	<8	<2	<2	95	<0.5	<3	<3	113	2.75
615772	Rock Pulp	<0.01	<1	120	14	79	<0.3	<1	7	1242	2.62	9	<8	<2	<2	89	<0.5	<3	<3	108	2.47
615773	Rock Pulp	<0.01	<1	170	15	82	<0.3	2	8	1347	2.65	13	<8	<2	2	97	<0.5	<3	<3	90	3.03
615774	Rock Pulp	<0.01	3	242	19	88	<0.3	<1	7	1379	2.22	15	<8	<2	2	108	<0.5	<3	<3	62	3.14
615775	Rock Pulp	<0.01	2	202	13	85	<0.3	1	8	1304	2.13	15	<8	<2	2	125	<0.5	<3	<3	63	3.44
615776	Rock Pulp	0.01	5	381	18	93	<0.3	2	9	1537	2.54	18	<8	<2	2	174	<0.5	<3	<3	68	4.25
615777	Rock Pulp	0.03	2	531	21	137	0.4	3	14	2735	3.74	26	<8	<2	2	158	<0.5	<3	6	130	6.73
615778	Rock Pulp	0.02	<1	517	20	122	0.4	2	10	1933	2.93	19	<8	<2	3	128	<0.5	<3	4	89	4.60
615779	Rock Pulp	0.02	<1	766	22	110	0.4	2	9	1622	2.87	17	<8	<2	3	115	<0.5	<3	<3	81	3.59
615780	Rock Pulp	<0.01	<1	133	15	72	<0.3	<1	7	1076	2.41	11	<8	<2	3	110	<0.5	<3	<3	77	2.69
615781	Rock Pulp	<0.01	2	92	17	80	<0.3	1	8	1039	2.48	13	<8	<2	<2	105	<0.5	<3	<3	98	2.15
615782	Rock Pulp	0.02	11	708	16	153	0.5	3	15	2487	3.62	24	<8	<2	<2	142	<0.5	<3	3	131	5.68
615783	Rock Pulp	0.05	5	1454	17	187	1.1	3	20	3149	4.63	27	<8	<2	3	204	0.7	<3	<3	175	6.37
615784	Rock Pulp	0.08	12	2055	22	170	1.4	2	20	2729	4.38	28	<8	<2	2	187	<0.5	<3	4	158	5.54
615785	Rock Pulp	0.08	2	2718	15	101	1.7	2	10	1753	2.64	13	<8	<2	2	190	<0.5	<3	<3	99	4.05
615786	Rock Pulp	0.55	13	6049	19	241	3.1	12	32	2400	10.91	43	<8	<2	2	197	<0.5	<3	4	492	4.27
615787	Rock Pulp	0.03	4	762	16	135	0.5	2	13	2282	3.97	19	<8	<2	2	188	<0.5	<3	<3	159	5.33

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CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615758	Rock Pulp	0.108	15	10	0.74	210	0.01	<20	1.24	0.03	0.35	<2	1.18	3.38	0.019	0.002
615759	Rock Pulp	0.125	15	11	0.86	296	0.01	<20	1.35	0.03	0.34	<2	0.49	3.62	0.014	<0.001
615760	Rock Pulp	0.130	19	13	0.93	124	0.02	<20	1.46	0.03	0.32	<2	1.53	3.86	0.086	0.004
615761	Rock Pulp	0.110	19	17	0.63	131	0.01	<20	1.03	0.03	0.26	<2	1.50	2.96	0.242	0.007
615762	Rock Pulp	0.478	55	15	1.20	85	0.02	27	1.67	0.03	0.34	<2	1.18	4.35	0.478	0.011
615763	Rock Pulp	0.216	22	16	1.15	76	0.03	21	1.46	0.04	0.26	4	1.34	4.90	0.905	0.019
615764	Rock Pulp	0.096	19	13	0.69	149	0.01	<20	1.02	0.03	0.25	<2	0.90	3.00	0.083	0.004
615765	Rock Pulp	0.103	22	11	0.66	125	<0.01	<20	1.07	0.03	0.25	<2	1.00	3.01	0.087	0.004
615766	Rock Pulp	0.094	6	245	3.05	121	0.22	<20	2.26	0.23	0.06	<2	0.05	5.36	0.010	0.002
615767	Rock Pulp	0.097	19	11	0.60	253	0.02	<20	0.97	0.03	0.25	<2	0.25	2.90	0.034	0.002
615768	Rock Pulp	0.080	15	13	0.57	86	0.05	<20	0.93	0.04	0.29	<2	0.19	2.63	0.032	<0.001
615769	Rock Pulp	0.093	18	14	0.59	212	0.02	21	1.12	0.03	0.31	<2	0.55	2.85	0.036	0.001
615770	Rock Pulp	0.078	19	13	0.52	329	0.02	24	1.02	0.03	0.33	<2	0.21	2.52	0.023	<0.001
615771	Rock Pulp	0.080	16	11	0.56	333	0.11	24	0.98	0.04	0.32	<2	0.15	2.55	0.010	<0.001
615772	Rock Pulp	0.082	16	12	0.62	100	0.03	<20	1.07	0.05	0.31	<2	0.32	2.70	0.012	<0.001
615773	Rock Pulp	0.086	17	15	0.69	275	<0.01	<20	1.10	0.04	0.26	<2	0.56	2.74	0.016	<0.001
615774	Rock Pulp	0.074	19	9	0.51	214	<0.01	<20	0.96	0.03	0.27	<2	0.71	2.27	0.023	0.001
615775	Rock Pulp	0.077	19	12	0.50	333	<0.01	<20	0.98	0.03	0.27	<2	0.50	2.25	0.019	0.001
615776	Rock Pulp	0.100	20	12	0.52	173	<0.01	<20	1.11	0.02	0.30	<2	0.98	2.60	0.037	<0.001
615777	Rock Pulp	0.150	25	12	1.07	133	<0.01	<20	1.77	0.02	0.25	<2	1.35	3.82	0.051	0.001
615778	Rock Pulp	0.102	23	16	0.74	111	<0.01	22	1.45	0.04	0.34	<2	1.29	3.05	0.051	0.001
615779	Rock Pulp	0.089	22	14	0.67	106	<0.01	22	1.25	0.03	0.34	<2	1.31	2.94	0.074	0.002
615780	Rock Pulp	0.078	18	14	0.45	83	<0.01	<20	1.00	0.04	0.37	<2	0.95	2.34	0.012	<0.001
615781	Rock Pulp	0.082	17	15	0.51	88	<0.01	<20	1.12	0.04	0.37	<2	0.75	2.45	0.008	<0.001
615782	Rock Pulp	0.166	27	12	1.08	133	<0.01	<20	1.69	0.03	0.24	<2	1.18	3.93	0.070	0.002
615783	Rock Pulp	0.216	31	10	1.29	140	0.02	28	1.86	0.03	0.28	<2	1.26	5.27	0.144	0.003
615784	Rock Pulp	0.200	30	13	1.28	90	0.02	29	1.82	0.04	0.26	<2	1.80	4.78	0.203	0.005
615785	Rock Pulp	0.169	25	13	0.84	233	0.03	35	1.29	0.04	0.32	<2	0.58	2.68	0.260	0.007
615786	Rock Pulp	0.255	25	15	1.11	124	0.09	<20	1.53	0.05	0.21	<2	1.35	11.34	0.593	0.043
615787	Rock Pulp	0.154	27	10	0.90	176	0.02	27	1.39	0.03	0.28	<2	1.00	4.20	0.072	0.002

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200 - 580 Hornby St.
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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615788	Rock Pulp	0.05	8	1731	21	135	1.5	3	16	2247	4.18	28	<8	<2	2	163	<0.5	<3	<3	138	3.58
615789	Rock Pulp	0.04	2	1235	22	135	1.3	3	16	2722	4.08	42	<8	<2	2	179	<0.5	<3	3	149	6.40
615790	Rock Pulp	0.05	2	1562	23	139	1.3	3	16	2725	4.15	52	<8	<2	2	178	<0.5	<3	<3	145	5.92
615791	Rock Pulp	0.03	2	862	21	154	0.7	3	15	2383	3.82	35	<8	<2	2	178	0.6	<3	4	134	5.08
615792	Rock Pulp	0.02	2	645	10	148	0.4	3	14	2259	3.82	23	<8	<2	<2	229	<0.5	<3	<3	160	5.98
615793	Rock Pulp	0.01	2	371	30	123	0.4	3	13	1976	3.57	31	<8	<2	<2	171	<0.5	<3	3	112	4.01
615794	Rock Pulp	0.01	3	319	40	90	<0.3	3	11	1824	3.36	13	<8	<2	<2	182	<0.5	<3	<3	127	3.45
615795	Rock Pulp	0.03	2	666	24	142	0.5	2	14	3107	4.13	28	<8	<2	2	240	0.6	<3	5	205	6.18
615796	Rock Pulp	<0.01	2	222	24	63	<0.3	1	6	1153	2.16	14	<8	<2	<2	183	<0.5	<3	<3	77	2.67
615797	Rock Pulp	<0.01	<1	118	17	77	<0.3	1	5	1182	2.17	6	<8	<2	<2	195	<0.5	<3	<3	90	2.34
615798	Rock Pulp	<0.01	<1	45	5	61	<0.3	434	32	719	3.70	<2	<8	<2	<2	83	<0.5	<3	<3	72	2.43
615799	Rock Pulp	<0.01	<1	133	27	68	<0.3	<1	6	1310	2.21	10	<8	<2	<2	187	<0.5	<3	<3	85	3.29
615800	Rock Pulp	<0.01	3	182	32	61	0.3	<1	6	1192	2.06	16	<8	<2	<2	168	<0.5	<3	<3	71	2.71
615801	Rock Pulp	<0.01	3	184	42	72	<0.3	<1	7	986	2.11	15	<8	<2	<2	165	<0.5	<3	<3	65	1.92
615802	Rock Pulp	<0.01	1	144	34	68	0.3	<1	6	1039	2.09	20	<8	<2	2	148	0.6	<3	<3	57	2.32
615803	Rock Pulp	0.02	2	155	29	64	<0.3	<1	6	1131	2.11	18	<8	<2	2	155	<0.5	<3	<3	56	2.71
615804	Rock Pulp	<0.01	1	94	46	65	<0.3	<1	5	963	2.00	11	<8	<2	<2	152	0.8	<3	<3	66	2.53
615805	Rock Pulp	<0.01	<1	149	28	71	<0.3	<1	6	1113	2.01	16	<8	<2	2	144	<0.5	<3	<3	68	2.52
615806	Rock Pulp	0.57	13	5826	17	229	3.0	11	31	2213	10.25	46	<8	<2	<2	184	1.0	<3	<3	461	3.66
615807	Rock Pulp	<0.01	<1	195	14	70	<0.3	<1	6	1025	2.00	7	<8	<2	<2	190	<0.5	<3	3	81	2.87
615808	Rock Pulp	<0.01	<1	131	18	66	<0.3	<1	6	1173	2.03	9	<8	<2	<2	171	<0.5	<3	<3	86	3.27
615809	Rock Pulp	<0.01	<1	76	13	62	<0.3	<1	5	1222	2.00	15	<8	<2	<2	145	<0.5	<3	<3	99	2.16
615810	Rock Pulp	<0.01	<1	120	18	75	<0.3	5	8	1188	2.43	16	<8	<2	<2	136	<0.5	<3	<3	100	3.36
615811	Rock Pulp	<0.01	<1	124	19	76	<0.3	2	8	1140	2.47	15	<8	<2	<2	144	<0.5	<3	<3	105	2.81
615812	Rock Pulp	<0.01	<1	121	21	73	<0.3	8	14	1379	3.61	8	<8	<2	<2	119	<0.5	<3	<3	146	3.28
615813	Rock Pulp	<0.01	<1	104	19	85	<0.3	7	14	1449	3.71	14	<8	<2	<2	141	<0.5	<3	<3	139	3.71
615814	Rock Pulp	<0.01	2	291	18	74	<0.3	<1	8	1240	2.38	17	<8	<2	2	179	<0.5	<3	<3	85	3.33
615815	Rock Pulp	0.02	<1	409	13	99	<0.3	2	9	1782	2.91	16	<8	<2	<2	206	<0.5	<3	<3	133	4.73
615816	Rock Pulp	0.01	1	304	14	75	<0.3	<1	7	1700	2.35	14	<8	<2	2	213	<0.5	<3	<3	101	4.83
615817	Rock Pulp	<0.01	2	221	17	83	<0.3	<1	8	1461	2.66	18	<8	<2	2	183	<0.5	<3	<3	113	3.50

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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615788	Rock Pulp	0.142	25	15	0.99	68	0.01	24	1.40	0.04	0.26	<2	2.44	4.36	0.165	0.005
615789	Rock Pulp	0.154	24	16	1.05	54	0.03	41	1.70	0.04	0.31	<2	2.05	4.41	0.124	0.003
615790	Rock Pulp	0.158	24	15	1.09	47	0.02	41	1.69	0.04	0.31	<2	2.09	4.40	0.154	0.004
615791	Rock Pulp	0.156	22	16	1.09	99	0.02	34	1.56	0.04	0.26	<2	1.48	4.18	0.086	0.003
615792	Rock Pulp	0.155	19	16	1.04	266	0.04	35	1.41	0.03	0.24	<2	0.65	4.11	0.063	0.003
615793	Rock Pulp	0.138	22	16	0.99	80	0.02	26	1.40	0.04	0.26	<2	1.74	3.95	0.038	0.002
615794	Rock Pulp	0.116	17	22	0.97	134	0.02	<20	1.32	0.04	0.27	<2	1.06	3.60	0.031	<0.001
615795	Rock Pulp	0.160	27	16	1.14	121	0.04	43	1.78	0.03	0.33	<2	0.67	4.65	0.066	0.002
615796	Rock Pulp	0.061	16	17	0.37	135	0.04	24	0.76	0.03	0.27	<2	0.65	2.16	0.021	<0.001
615797	Rock Pulp	0.064	15	14	0.40	123	0.07	<20	0.69	0.03	0.22	<2	0.33	2.15	0.011	<0.001
615798	Rock Pulp	0.066	7	332	4.76	207	0.21	<20	1.58	0.02	0.07	<2	<0.05	3.98	0.004	0.002
615799	Rock Pulp	0.061	16	12	0.38	110	0.05	26	0.74	0.04	0.26	<2	0.61	2.13	0.012	<0.001
615800	Rock Pulp	0.060	17	14	0.34	216	0.03	21	0.72	0.03	0.26	<2	0.73	2.22	0.018	0.001
615801	Rock Pulp	0.060	17	17	0.39	168	0.02	24	0.78	0.03	0.29	<2	0.77	2.21	0.017	0.004
615802	Rock Pulp	0.060	18	16	0.36	110	0.01	22	0.77	0.03	0.28	<2	1.04	2.18	0.014	<0.001
615803	Rock Pulp	0.064	19	16	0.36	119	<0.01	<20	0.72	0.04	0.23	<2	0.96	2.15	0.015	<0.001
615804	Rock Pulp	0.061	17	14	0.30	206	<0.01	<20	0.64	0.04	0.22	<2	0.70	2.11	0.009	<0.001
615805	Rock Pulp	0.060	17	16	0.38	138	<0.01	<20	0.75	0.04	0.27	<2	0.46	2.16	0.015	<0.001
615806	Rock Pulp	0.246	24	15	1.07	103	0.08	<20	1.41	0.05	0.19	<2	1.28	11.69	0.606	0.049
615807	Rock Pulp	0.061	14	11	0.35	95	0.04	<20	0.62	0.03	0.21	<2	0.12	2.04	0.018	0.002
615808	Rock Pulp	0.062	16	16	0.37	74	0.02	<20	0.70	0.04	0.24	<2	0.27	2.06	0.012	0.001
615809	Rock Pulp	0.065	10	10	0.67	62	0.08	<20	0.89	0.03	0.19	<2	0.11	2.20	0.008	0.004
615810	Rock Pulp	0.075	12	20	0.65	75	0.07	<20	0.89	0.04	0.19	<2	0.38	2.55	0.012	0.006
615811	Rock Pulp	0.082	12	17	0.65	71	0.07	<20	0.96	0.05	0.22	<2	0.35	2.58	0.012	<0.001
615812	Rock Pulp	0.132	13	58	1.34	96	0.06	<20	1.48	0.05	0.17	<2	0.22	4.01	0.012	0.004
615813	Rock Pulp	0.131	13	30	1.37	242	0.02	<20	1.53	0.05	0.18	<2	0.68	4.16	0.010	0.005
615814	Rock Pulp	0.089	20	12	0.48	206	<0.01	29	1.04	0.04	0.30	<2	0.66	2.55	0.028	0.003
615815	Rock Pulp	0.110	22	12	0.73	340	0.03	24	1.24	0.04	0.28	<2	0.42	3.10	0.039	0.002
615816	Rock Pulp	0.083	21	13	0.56	246	0.02	22	1.13	0.03	0.29	<2	0.58	2.57	0.030	0.001
615817	Rock Pulp	0.101	21	11	0.60	173	0.02	23	1.03	0.03	0.27	<2	0.83	2.86	0.021	<0.001

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Project: Mount Polley
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CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615818	Rock Pulp	<0.01	<1	42	4	56	<0.3	396	29	644	3.39	5	<8	<2	<2	74	0.6	<3	<3	63	2.29
615819	Rock Pulp	<0.01	1	252	22	112	<0.3	1	11	1528	3.23	19	<8	<2	<2	205	0.5	<3	<3	124	3.94
615820	Rock Pulp	0.01	<1	295	15	111	0.3	1	11	1548	3.34	19	<8	<2	2	171	<0.5	<3	<3	122	4.02
615821	Rock Pulp	0.02	<1	689	14	142	0.8	3	15	2027	3.73	23	<8	<2	2	203	<0.5	<3	4	144	5.24
615822	Rock Pulp	0.02	6	354	11	130	<0.3	2	13	1757	3.47	17	<8	<2	2	156	<0.5	<3	<3	140	4.48
615823	Rock Pulp	0.02	7	345	13	72	0.4	2	9	1399	2.73	21	<8	<2	2	127	<0.5	<3	<3	95	3.17
615824	Rock Pulp	0.01	3	160	16	89	<0.3	1	9	1458	2.82	15	<8	<2	2	136	<0.5	<3	<3	108	3.58
615825	Rock Pulp	<0.01	<1	42	7	57	<0.3	408	30	686	3.52	3	<8	<2	<2	77	<0.5	<3	<3	68	2.33
615826	Rock Pulp	<0.01	3	178	12	76	<0.3	2	8	1272	2.39	14	<8	<2	2	129	<0.5	<3	<3	95	3.22
615827	Rock Pulp	0.01	2	181	13	100	<0.3	1	10	1384	2.87	17	<8	<2	<2	119	<0.5	<3	<3	94	3.41
615828	Rock Pulp	<0.01	<1	129	14	78	<0.3	<1	10	1276	2.64	13	<8	<2	<2	153	<0.5	<3	<3	95	3.37
615829	Rock Pulp	<0.01	1	157	12	93	<0.3	2	11	1647	3.17	10	<8	<2	2	185	0.6	<3	<3	120	5.26
615830	Rock Pulp	0.01	3	250	18	92	<0.3	1	12	1494	3.33	15	<8	<2	<2	186	0.7	<3	<3	107	4.43
615831	Rock Pulp	0.02	3	307	13	98	<0.3	1	11	1560	2.69	15	<8	<2	2	193	0.7	<3	<3	58	5.06
615832	Rock Pulp	0.02	1	813	11	92	<0.3	50	15	1748	2.84	19	<8	<2	2	189	0.5	<3	<3	76	5.48
615833	Rock Pulp	0.01	<1	41	6	82	<0.3	245	29	2044	4.21	4	<8	<2	<2	398	0.7	<3	<3	102	6.17
615834	Rock Pulp	0.02	2	618	12	114	0.5	4	13	1973	3.13	24	<8	<2	<2	174	0.8	<3	<3	88	4.26
615835	Rock Pulp	0.57	12	5892	18	222	2.9	12	30	2230	10.31	41	<8	<2	2	182	1.2	<3	<3	469	3.70
615836	Rock Pulp	<0.01	3	147	12	81	0.4	11	12	1480	2.84	16	<8	<2	<2	156	<0.5	<3	<3	83	4.35
615837	Rock Pulp	<0.01	2	118	11	68	<0.3	4	8	1221	2.18	16	<8	<2	<2	191	<0.5	<3	<3	48	4.52
615838	Rock Pulp	0.02	1	242	6	78	0.4	3	11	1596	3.18	11	<8	<2	<2	178	<0.5	<3	<3	129	5.26
615839	Rock Pulp	<0.01	1	150	7	85	<0.3	3	9	1180	3.12	8	<8	<2	<2	163	<0.5	<3	<3	86	3.42
615840	Rock Pulp	0.05	5	648	30	87	0.7	24	16	1918	3.85	15	<8	<2	<2	185	<0.5	<3	3	104	5.62
615841	Rock Pulp	0.01	<1	210	16	93	0.6	17	11	1910	2.94	15	<8	<2	<2	158	<0.5	<3	<3	91	3.19
615842	Rock Pulp	0.02	<1	710	9	109	0.8	3	10	2454	2.92	18	<8	<2	<2	90	<0.5	<3	<3	109	5.50
615843	Rock Pulp	0.02	<1	515	6	85	0.9	2	8	2131	2.79	22	<8	<2	<2	88	<0.5	<3	<3	93	4.74
615844	Rock Pulp	0.01	<1	394	15	100	0.5	2	9	1635	2.55	14	<8	<2	<2	94	1.0	<3	3	110	3.43
615845	Rock Pulp	<0.01	<1	320	15	99	0.5	2	9	1477	2.48	13	<8	<2	<2	96	1.0	<3	<3	106	3.13
615846	Rock Pulp	<0.01	<1	122	4	62	<0.3	<1	6	1113	2.22	7	<8	<2	<2	69	<0.5	<3	<3	125	2.35
615847	Rock Pulp	<0.01	<1	258	7	91	0.4	1	7	1292	2.20	10	<8	<2	<2	78	<0.5	<3	<3	93	2.75

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200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615818	Rock Pulp	0.060	6	300	4.31	186	0.19	<20	1.41	0.02	0.06	<2	<0.05	3.97	0.004	0.003
615819	Rock Pulp	0.140	18	9	0.81	166	0.01	21	1.25	0.04	0.32	<2	0.89	3.47	0.024	0.001
615820	Rock Pulp	0.135	20	10	0.82	131	<0.01	20	1.27	0.03	0.29	<2	0.98	3.82	0.029	<0.001
615821	Rock Pulp	0.164	24	12	1.02	111	0.01	22	1.64	0.04	0.32	<2	0.93	4.18	0.069	0.002
615822	Rock Pulp	0.139	21	13	0.93	196	0.02	<20	1.44	0.04	0.28	<2	0.74	3.98	0.035	0.001
615823	Rock Pulp	0.104	22	11	0.61	124	<0.01	<20	1.15	0.04	0.28	<2	1.04	2.85	0.033	0.001
615824	Rock Pulp	0.112	21	13	0.69	197	0.01	<20	1.28	0.04	0.31	<2	0.85	2.95	0.016	<0.001
615825	Rock Pulp	0.062	7	311	4.49	204	0.21	<20	1.49	0.02	0.06	<2	<0.05	3.96	0.004	0.001
615826	Rock Pulp	0.095	19	17	0.58	268	<0.01	<20	1.00	0.04	0.28	<2	0.62	2.59	0.017	<0.001
615827	Rock Pulp	0.114	21	10	0.70	100	<0.01	<20	1.15	0.04	0.27	<2	0.96	3.02	0.018	<0.001
615828	Rock Pulp	0.109	17	12	0.61	154	<0.01	<20	1.05	0.03	0.29	<2	0.86	2.78	0.012	<0.001
615829	Rock Pulp	0.130	20	16	0.77	144	<0.01	<20	1.26	0.04	0.31	<2	1.11	3.25	0.015	<0.001
615830	Rock Pulp	0.145	21	10	0.72	115	<0.01	<20	1.26	0.03	0.37	<2	1.41	3.37	0.023	<0.001
615831	Rock Pulp	0.116	22	12	0.55	128	<0.01	<20	1.14	0.03	0.36	<2	1.14	2.74	0.029	<0.001
615832	Rock Pulp	0.124	23	40	1.33	109	<0.01	<20	1.21	0.02	0.27	<2	0.95	3.00	0.082	0.005
615833	Rock Pulp	0.163	11	202	3.65	168	0.07	<20	2.01	0.08	0.13	<2	0.08	4.67	0.004	<0.001
615834	Rock Pulp	0.134	21	11	1.20	97	<0.01	<20	0.91	0.03	0.27	<2	0.60	3.30	0.062	0.009
615835	Rock Pulp	0.245	24	14	1.08	114	0.08	<20	1.43	0.05	0.19	<2	1.28	11.31	0.601	0.051
615836	Rock Pulp	0.100	15	18	0.74	162	<0.01	<20	1.03	0.03	0.20	<2	0.61	3.49	0.015	0.004
615837	Rock Pulp	0.075	13	9	0.22	157	<0.01	<20	0.91	0.02	0.20	<2	0.60	2.39	0.012	0.002
615838	Rock Pulp	0.104	20	13	1.05	72	<0.01	<20	0.91	0.03	0.22	<2	0.42	3.62	0.024	0.008
615839	Rock Pulp	0.095	15	11	0.65	42	<0.01	<20	1.00	0.04	0.23	<2	0.26	3.51	0.014	0.003
615840	Rock Pulp	0.126	18	18	0.88	61	<0.01	<20	0.91	0.03	0.15	<2	1.53	4.32	0.068	0.005
615841	Rock Pulp	0.118	21	13	1.05	108	<0.01	<20	0.70	0.02	0.21	<2	0.79	3.41	0.021	0.008
615842	Rock Pulp	0.151	24	10	0.86	308	0.03	<20	1.43	0.02	0.28	<2	0.07	3.29	0.071	0.048
615843	Rock Pulp	0.138	20	10	0.79	635	0.02	<20	1.34	0.02	0.29	<2	0.14	3.15	0.053	0.024
615844	Rock Pulp	0.097	17	12	0.69	416	0.02	<20	1.22	0.03	0.28	<2	0.36	2.75	0.040	0.003
615845	Rock Pulp	0.097	16	13	0.69	412	0.03	<20	1.14	0.03	0.27	<2	0.32	2.83	0.033	0.002
615846	Rock Pulp	0.089	14	9	0.42	195	0.04	<20	0.84	0.03	0.25	<2	0.14	2.41	0.012	0.001
615847	Rock Pulp	0.078	14	16	0.52	286	0.03	<20	0.97	0.03	0.25	<2	0.17	2.34	0.027	0.002

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Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615848	Rock Pulp	<0.01	<1	109	4	73	<0.3	1	6	1196	2.46	7	<8	<2	<2	90	<0.5	<3	<3	130	2.52
615849	Rock Pulp	0.01	<1	208	7	78	0.3	1	8	1391	2.23	11	<8	<2	<2	89	<0.5	<3	<3	90	2.91
615850	Rock Pulp	0.01	<1	194	12	73	<0.3	<1	8	1289	2.32	9	<8	<2	<2	84	<0.5	<3	<3	89	2.74
615851	Rock Pulp	<0.01	<1	230	6	81	0.4	1	7	1452	2.16	6	<8	<2	<2	116	<0.5	<3	<3	80	3.66
615852	Rock Pulp	<0.01	<1	131	<3	79	<0.3	1	7	1367	2.38	7	<8	<2	<2	102	<0.5	<3	<3	110	2.77
615853	Rock Pulp	<0.01	<1	43	<3	57	<0.3	383	29	631	3.53	<2	<8	<2	<2	78	<0.5	<3	3	63	2.38
615854	Rock Pulp	<0.01	<1	103	5	70	<0.3	1	7	1321	2.39	5	<8	<2	<2	96	<0.5	<3	<3	131	2.44
615855	Rock Pulp	<0.01	<1	164	7	81	<0.3	1	7	1293	2.42	5	<8	<2	<2	119	<0.5	<3	<3	126	2.47
615856	Rock Pulp	<0.01	5	357	10	110	0.4	2	11	1905	2.90	16	<8	<2	<2	128	<0.5	<3	<3	120	3.79
615857	Rock Pulp	0.01	3	851	16	128	0.7	5	13	1877	3.34	25	<8	<2	2	127	<0.5	<3	<3	119	3.88
615858	Rock Pulp	0.02	2	614	11	137	0.7	2	12	2019	3.29	22	<8	<2	<2	131	<0.5	<3	<3	111	4.25
615859	Rock Pulp	0.02	9	483	13	139	0.5	2	14	2021	3.81	27	<8	<2	<2	150	<0.5	<3	<3	125	4.26
615860	Rock Pulp	<0.01	2	337	14	123	0.3	2	14	1885	3.96	27	<8	<2	<2	156	<0.5	<3	<3	150	4.03
615861	Rock Pulp	0.03	9	709	17	81	0.7	2	11	1771	3.20	30	<8	<2	<2	168	<0.5	<3	<3	84	4.59
615862	Rock Pulp	0.02	2	398	9	105	<0.3	3	12	3022	4.08	28	<8	<2	<2	160	<0.5	<3	<3	176	6.75
615863	Rock Pulp	<0.01	6	387	8	57	<0.3	2	6	1605	2.21	16	<8	<2	<2	127	<0.5	<3	<3	80	3.39
615864	Rock Pulp	<0.01	7	379	8	42	<0.3	1	4	1809	1.71	13	<8	<2	<2	150	<0.5	<3	<3	62	3.75
615865	Rock Pulp	<0.01	22	446	9	41	0.4	1	4	1301	1.96	16	<8	<2	<2	119	<0.5	<3	<3	67	2.60
615866	Rock Pulp	<0.01	7	358	13	88	0.8	3	9	2078	2.97	28	<8	<2	<2	156	<0.5	<3	<3	114	4.09
615867	Rock Pulp	0.01	6	344	16	136	0.4	3	15	3121	4.22	32	<8	<2	<2	197	1.0	<3	<3	153	6.89
615868	Rock Pulp	<0.01	4	363	21	160	0.6	2	16	2017	4.16	30	<8	<2	<2	206	0.6	<3	3	144	4.57
615869	Rock Pulp	<0.01	2	422	19	159	0.5	2	15	1849	4.15	29	<8	<2	<2	208	0.5	<3	5	153	4.19
615870	Rock Pulp	<0.01	1	69	18	165	<0.3	6	15	2027	4.29	26	<8	<2	<2	220	<0.5	<3	<3	147	5.48
615871	Rock Pulp	<0.01	<1	91	20	156	<0.3	3	15	1923	4.02	22	<8	<2	<2	224	<0.5	<3	<3	144	5.06
615872	Rock Pulp	<0.01	8	303	25	137	0.4	4	17	2427	4.45	31	<8	<2	<2	213	0.7	<3	4	169	5.54
615873	Rock Pulp	<0.01	3	274	17	136	<0.3	4	16	2292	4.30	29	<8	<2	<2	274	0.5	<3	4	170	5.33
615874	Rock Pulp	<0.01	5	183	19	125	<0.3	3	13	2457	3.59	22	<8	<2	<2	217	0.6	<3	6	138	6.15
615875	Rock Pulp	0.01	3	252	23	139	<0.3	4	17	2310	4.34	30	<8	<2	<2	252	0.6	<3	6	168	5.26
615876	Rock Pulp	0.01	3	334	18	132	0.4	4	16	2231	4.26	27	<8	<2	<2	264	0.7	<3	4	167	5.10
615877	Rock Pulp	0.01	3	226	24	127	<0.3	4	15	2129	4.06	24	<8	<2	<2	246	0.8	<3	<3	159	4.96

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CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615848	Rock Pulp	0.085	14	15	0.57	283	0.03	<20	1.02	0.04	0.25	<2	0.14	2.49	0.010	<0.001
615849	Rock Pulp	0.082	18	15	0.55	213	0.01	<20	1.14	0.03	0.29	<2	0.37	2.30	0.020	0.001
615850	Rock Pulp	0.088	16	12	0.52	103	<0.01	<20	1.00	0.03	0.25	<2	0.61	2.34	0.018	<0.001
615851	Rock Pulp	0.082	17	19	0.46	392	0.01	<20	1.00	0.03	0.30	<2	0.41	2.20	0.022	0.001
615852	Rock Pulp	0.084	16	14	0.59	141	0.02	<20	1.04	0.04	0.26	<2	0.20	2.35	0.012	<0.001
615853	Rock Pulp	0.061	6	301	4.57	206	0.20	<20	1.53	0.02	0.07	<2	<0.05	3.97	0.005	0.002
615854	Rock Pulp	0.088	14	10	0.59	122	0.02	<20	0.95	0.04	0.21	<2	0.09	2.51	0.010	<0.001
615855	Rock Pulp	0.092	16	11	0.55	209	0.01	<20	0.98	0.03	0.25	<2	0.08	2.40	0.015	<0.001
615856	Rock Pulp	0.118	20	12	0.76	174	<0.01	<20	1.50	0.03	0.35	<2	0.33	3.12	0.036	0.001
615857	Rock Pulp	0.135	20	13	1.01	146	0.01	<20	1.60	0.03	0.29	<2	0.97	3.60	0.085	0.002
615858	Rock Pulp	0.133	21	12	0.99	251	<0.01	<20	1.68	0.03	0.28	<2	0.69	3.55	0.062	0.002
615859	Rock Pulp	0.159	20	9	1.06	102	<0.01	<20	1.78	0.03	0.31	<2	1.11	4.15	0.049	0.001
615860	Rock Pulp	0.181	18	9	1.13	149	0.01	<20	1.95	0.04	0.43	<2	1.04	4.33	0.034	0.001
615861	Rock Pulp	0.129	21	15	0.71	58	<0.01	<20	1.34	0.03	0.33	<2	2.10	3.43	0.072	0.002
615862	Rock Pulp	0.107	22	19	1.07	142	0.02	<20	1.83	0.03	0.24	<2	0.77	4.49	0.041	0.003
615863	Rock Pulp	0.062	16	16	0.59	176	<0.01	<20	1.08	0.02	0.23	<2	0.73	2.40	0.041	0.001
615864	Rock Pulp	0.042	15	15	0.39	181	<0.01	<20	0.86	0.02	0.21	<2	0.65	1.86	0.041	0.002
615865	Rock Pulp	0.031	14	21	0.38	159	<0.01	<20	0.81	0.03	0.21	<2	0.89	2.06	0.046	0.002
615866	Rock Pulp	0.105	20	23	0.84	117	0.02	<20	1.38	0.04	0.26	<2	0.93	3.19	0.036	0.001
615867	Rock Pulp	0.162	27	10	1.19	86	0.02	<20	1.81	0.04	0.29	<2	1.56	4.63	0.036	0.001
615868	Rock Pulp	0.188	20	10	1.19	81	0.02	<20	1.88	0.04	0.40	<2	1.85	4.42	0.037	0.001
615869	Rock Pulp	0.189	18	13	1.16	95	0.02	24	1.82	0.05	0.42	<2	1.71	4.58	0.044	0.001
615870	Rock Pulp	0.175	19	56	1.17	65	0.02	<20	1.80	0.04	0.40	<2	1.70	4.68	0.008	<0.001
615871	Rock Pulp	0.180	20	23	1.19	74	0.03	<20	1.76	0.05	0.43	<2	1.52	4.45	0.009	<0.001
615872	Rock Pulp	0.161	25	22	1.14	145	0.03	32	1.76	0.05	0.38	<2	2.03	4.93	0.030	0.001
615873	Rock Pulp	0.172	22	22	1.21	126	0.03	30	1.78	0.04	0.36	<2	1.30	4.75	0.027	0.001
615874	Rock Pulp	0.132	25	14	0.97	284	0.02	26	1.57	0.04	0.34	<2	1.16	3.98	0.018	<0.001
615875	Rock Pulp	0.168	23	22	1.13	234	0.04	<20	1.68	0.04	0.35	<2	1.35	4.80	0.025	0.001
615876	Rock Pulp	0.170	22	29	1.11	199	0.04	21	1.63	0.03	0.33	<2	1.04	4.75	0.033	0.002
615877	Rock Pulp	0.154	19	15	1.15	305	0.04	<20	1.60	0.03	0.31	<2	0.86	4.51	0.022	<0.001

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CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615878	Rock Pulp	<0.01	2	175	19	139	<0.3	4	15	2655	4.12	29	<8	<2	<2	187	0.6	<3	4	156	5.38
615879	Rock Pulp	<0.01	1	164	19	158	<0.3	4	17	2923	4.85	33	8	<2	<2	192	0.5	<3	6	188	6.34
615880	Rock Pulp	0.01	<1	145	21	150	<0.3	5	19	3071	4.83	25	<8	<2	<2	271	1.0	<3	<3	184	6.50
615881	Rock Pulp	<0.01	2	101	16	79	<0.3	1	8	1578	2.59	17	<8	<2	<2	164	2.2	<3	<3	105	3.57
615882	Rock Pulp	<0.01	<1	91	16	96	<0.3	1	8	1593	2.56	15	<8	<2	<2	197	<0.5	<3	<3	93	3.54
615883	Rock Pulp	<0.01	<1	61	14	90	<0.3	1	7	1537	2.53	10	<8	<2	<2	204	<0.5	<3	3	111	3.26
615884	Rock Pulp	<0.01	<1	60	14	92	<0.3	1	7	1433	2.58	9	<8	<2	<2	202	<0.5	<3	4	111	2.56
615885	Rock Pulp	<0.01	<1	55	10	82	<0.3	1	7	1455	2.51	8	<8	<2	<2	159	<0.5	<3	<3	107	2.46
615886	Rock Pulp	<0.01	3	77	17	80	<0.3	2	8	1649	2.33	13	<8	<2	<2	156	<0.5	<3	<3	84	4.01
615887	Rock Pulp	<0.01	<1	88	14	80	<0.3	1	7	1315	2.47	11	<8	<2	<2	221	<0.5	<3	<3	101	3.12
615888	Rock Pulp	<0.01	<1	42	<3	57	<0.3	390	30	636	3.63	4	<8	<2	<2	79	<0.5	<3	3	67	2.14
615889	Rock Pulp	<0.01	<1	91	15	92	<0.3	1	9	2174	3.15	12	<8	<2	<2	275	<0.5	<3	5	144	5.65
615890	Rock Pulp	<0.01	<1	134	18	156	<0.3	3	16	2785	4.53	24	<8	<2	<2	335	0.7	<3	4	197	6.04
615891	Rock Pulp	<0.01	<1	82	18	95	<0.3	1	8	1504	2.67	17	<8	<2	<2	375	<0.5	<3	3	95	4.81
615892	Rock Pulp	<0.01	<1	92	14	122	<0.3	7	11	1868	3.41	16	<8	<2	<2	365	<0.5	<3	4	144	4.82
615893	Rock Pulp	<0.01	5	88	28	106	<0.3	<1	11	1587	3.17	21	<8	<2	<2	304	0.7	<3	3	129	4.04
615894	Rock Pulp	0.55	12	5921	14	213	2.9	11	29	2120	10.22	40	<8	<2	<2	181	1.3	<3	5	448	3.61
615895	Rock Pulp	<0.01	3	112	35	106	<0.3	2	13	1572	3.36	26	<8	<2	<2	236	<0.5	<3	<3	108	4.10
615896	Rock Pulp	<0.01	3	110	18	128	<0.3	1	12	1610	3.28	18	<8	<2	<2	249	0.5	<3	<3	120	4.23
615897	Rock Pulp	<0.01	<1	111	17	131	<0.3	2	12	1681	3.24	16	<8	<2	<2	242	<0.5	<3	3	117	4.11
615898	Rock Pulp	<0.01	1	103	25	104	<0.3	1	10	1384	2.80	16	<8	<2	<2	208	0.6	<3	<3	112	4.45
615899	Rock Pulp	<0.01	1	98	27	114	<0.3	1	13	1583	3.41	29	<8	<2	<2	229	0.6	<3	<3	134	4.50
615900	Rock Pulp	<0.01	4	100	37	101	<0.3	2	13	1721	3.24	35	<8	<2	<2	198	0.6	<3	<3	113	5.24
615901	Rock Pulp	<0.01	<1	215	12	131	<0.3	3	12	2052	3.64	11	<8	<2	<2	264	0.5	<3	<3	159	5.63
615902	Rock Pulp	<0.01	<1	134	12	134	<0.3	3	13	2150	3.86	15	<8	<2	<2	254	0.6	<3	4	182	5.62
615903	Rock Pulp	<0.01	2	167	34	136	0.4	2	15	2164	4.10	39	<8	<2	<2	214	1.1	<3	<3	159	6.19
615904	Rock Pulp	<0.01	<1	147	14	123	<0.3	3	12	1937	3.60	15	<8	<2	<2	266	0.6	<3	6	153	5.59
615905	Rock Pulp	<0.01	<1	188	16	121	<0.3	2	13	1972	3.54	17	<8	<2	<2	240	0.6	<3	6	148	5.71
615906	Rock Pulp	<0.01	1	228	21	124	0.4	29	14	1997	3.72	22	<8	<2	<2	242	0.9	<3	<3	157	5.44
615907	Rock Pulp	<0.01	1	87	23	87	<0.3	4	10	1359	2.91	22	<8	<2	<2	215	<0.5	<3	5	142	2.72

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615878	Rock Pulp	0.158	25	17	1.35	71	0.02	<20	1.88	0.04	0.28	<2	1.31	4.55	0.018	<0.001
615879	Rock Pulp	0.180	26	16	1.41	119	0.02	<20	1.87	0.04	0.23	<2	1.81	5.49	0.017	<0.001
615880	Rock Pulp	0.189	21	13	1.46	137	0.07	22	1.84	0.03	0.32	<2	0.92	5.35	0.015	<0.001
615881	Rock Pulp	0.076	17	18	0.62	254	0.05	<20	1.10	0.04	0.28	<2	0.60	2.77	0.010	<0.001
615882	Rock Pulp	0.086	15	16	0.64	98	0.06	<20	1.14	0.03	0.30	<2	0.47	2.76	0.009	<0.001
615883	Rock Pulp	0.087	14	14	0.62	95	0.11	<20	1.12	0.03	0.29	<2	0.20	2.74	0.006	<0.001
615884	Rock Pulp	0.089	13	19	0.60	92	0.12	<20	1.09	0.04	0.29	<2	0.17	2.75	0.006	<0.001
615885	Rock Pulp	0.081	12	14	0.63	76	0.11	<20	0.97	0.03	0.22	<2	0.12	2.79	0.006	<0.001
615886	Rock Pulp	0.077	18	14	0.57	67	0.06	<20	1.07	0.03	0.26	<2	0.62	2.57	0.008	<0.001
615887	Rock Pulp	0.083	15	16	0.54	397	0.08	<20	0.97	0.03	0.27	<2	0.41	2.72	0.009	<0.001
615888	Rock Pulp	0.062	7	314	4.57	161	0.20	<20	1.59	0.02	0.08	<2	<0.05	4.22	0.004	0.002
615889	Rock Pulp	0.101	22	12	0.78	84	0.10	<20	1.39	0.04	0.32	<2	0.27	3.31	0.009	<0.001
615890	Rock Pulp	0.154	22	18	1.16	104	0.09	<20	1.85	0.03	0.39	<2	0.43	4.93	0.013	<0.001
615891	Rock Pulp	0.103	19	20	0.58	126	0.09	<20	1.15	0.03	0.33	<2	0.44	2.84	0.008	<0.001
615892	Rock Pulp	0.142	19	10	0.96	100	0.11	<20	1.53	0.03	0.36	<2	0.16	3.70	0.009	<0.001
615893	Rock Pulp	0.145	16	8	0.79	77	0.08	<20	1.31	0.03	0.31	<2	0.36	3.47	0.019	<0.001
615894	Rock Pulp	0.232	23	14	1.05	133	0.08	<20	1.53	0.05	0.20	<2	1.22	11.54	0.593	0.044
615895	Rock Pulp	0.147	19	16	0.77	75	0.05	23	1.34	0.04	0.34	<2	1.22	3.57	0.011	<0.001
615896	Rock Pulp	0.124	15	9	0.82	77	0.05	<20	1.30	0.03	0.28	<2	0.54	3.65	0.011	<0.001
615897	Rock Pulp	0.121	16	12	0.93	76	0.04	<20	1.38	0.03	0.30	<2	0.56	3.57	0.011	<0.001
615898	Rock Pulp	0.112	14	14	0.70	76	0.06	<20	1.09	0.03	0.26	<2	0.35	3.28	0.011	<0.001
615899	Rock Pulp	0.136	15	9	0.93	75	0.10	24	1.55	0.04	0.33	<2	0.63	3.61	0.010	<0.001
615900	Rock Pulp	0.129	17	12	0.88	60	0.12	24	1.41	0.04	0.30	<2	1.22	3.48	0.010	<0.001
615901	Rock Pulp	0.135	18	19	1.14	73	0.07	<20	1.53	0.03	0.29	<2	0.28	3.89	0.024	0.001
615902	Rock Pulp	0.152	20	14	1.22	68	0.09	<20	1.65	0.03	0.30	<2	0.25	4.26	0.013	<0.001
615903	Rock Pulp	0.147	24	14	1.04	49	0.03	26	1.68	0.03	0.29	<2	1.59	4.34	0.016	<0.001
615904	Rock Pulp	0.137	16	15	1.02	75	0.08	<20	1.48	0.03	0.32	<2	0.23	3.94	0.014	<0.001
615905	Rock Pulp	0.135	18	13	0.97	67	0.08	<20	1.49	0.04	0.31	<2	0.37	4.01	0.019	<0.001
615906	Rock Pulp	0.134	17	21	1.43	103	0.08	<20	1.58	0.03	0.24	<2	0.58	4.14	0.022	0.001
615907	Rock Pulp	0.087	14	18	1.72	185	0.13	<20	1.62	0.05	0.14	<2	0.17	3.39	0.009	<0.001

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

Method		G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615908	Rock Pulp	<0.01	6	58	5	63	<0.3	257	28	786	3.83	27	<8	<2	2	977	<0.5	<3	3	117	1.36
615909	Rock Pulp	<0.01	<1	384	6	68	0.4	505	41	1041	4.67	3	<8	<2	<2	1350	0.8	<3	4	139	1.46
615910	Rock Pulp	<0.01	<1	42	5	52	<0.3	704	51	1204	4.59	<2	<8	<2	<2	1481	<0.5	<3	<3	118	1.89
615911	Rock Pulp	<0.01	1	41	<3	53	<0.3	369	29	663	3.43	<2	<8	<2	<2	73	<0.5	<3	5	67	2.41
615912	Rock Pulp	0.01	2	146	17	74	<0.3	54	16	1605	2.46	18	<8	<2	<2	310	<0.5	<3	4	98	4.70
615913	Rock Pulp	<0.01	5	137	28	172	<0.3	8	20	2240	4.19	32	<8	<2	<2	272	0.6	<3	<3	166	5.51
615914	Rock Pulp	<0.01	2	247	15	115	0.3	4	13	1725	3.13	13	<8	<2	<2	363	<0.5	4	<3	136	5.56
615915	Rock Pulp	0.01	<1	173	17	92	<0.3	7	13	1994	2.43	20	<8	<2	2	456	<0.5	<3	4	105	5.49
615916	Rock Pulp	0.03	29	118	31	148	0.3	4	16	2000	4.20	24	<8	<2	3	222	0.7	<3	5	154	4.63
615917	Rock Pulp	0.03	20	89	35	104	<0.3	2	10	1561	3.36	22	<8	<2	2	225	<0.5	<3	5	113	5.29
615918	Rock Pulp	0.02	6	125	28	134	<0.3	3	12	2015	3.39	17	<8	<2	2	197	0.6	<3	5	100	5.43
615919	Rock Pulp	0.51	13	5726	15	227	2.9	12	31	2260	10.25	41	<8	<2	2	187	0.8	<3	4	468	3.81
615920	Rock Pulp	<0.01	6	109	22	143	<0.3	3	13	1626	3.42	17	<8	<2	<2	209	0.6	<3	<3	100	3.82
615921	Rock Pulp	<0.01	4	59	21	100	<0.3	2	9	1404	2.93	14	<8	<2	2	142	<0.5	<3	<3	72	3.54

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200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 02, 2009

CERTIFICATE OF ANALYSIS VAN09005012.1

Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Fe	Cu	Cu/Ox
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
MDL		0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.01	0.001	0.001
615908	Rock Pulp	0.169	14	126	4.69	535	0.20	<20	2.29	0.17	0.29	<2	0.17	4.32	0.006	<0.001
615909	Rock Pulp	0.159	11	259	7.98	668	0.21	<20	3.06	0.11	0.34	<2	0.11	5.49	0.041	<0.001
615910	Rock Pulp	0.140	9	421	9.97	227	0.22	<20	3.50	0.04	0.37	<2	0.06	5.33	0.004	<0.001
615911	Rock Pulp	0.062	7	296	4.16	169	0.21	<20	1.54	0.02	0.08	<2	<0.05	3.89	0.005	0.002
615912	Rock Pulp	0.126	19	30	1.35	57	<0.01	<20	0.82	0.03	0.19	<2	0.90	2.77	0.015	0.004
615913	Rock Pulp	0.141	23	20	1.03	212	0.02	<20	1.50	0.03	0.25	<2	0.96	5.12	0.014	0.003
615914	Rock Pulp	0.139	23	13	0.60	169	0.02	<20	1.08	0.03	0.28	<2	0.31	3.92	0.026	0.004
615915	Rock Pulp	0.153	28	12	0.83	132	<0.01	<20	0.80	0.03	0.27	<2	0.55	3.24	0.018	0.004
615916	Rock Pulp	0.141	26	30	0.78	79	0.01	<20	1.41	0.04	0.31	<2	2.03	4.65	0.012	<0.001
615917	Rock Pulp	0.108	27	11	0.39	62	<0.01	<20	0.93	0.03	0.25	<2	2.12	3.65	0.009	<0.001
615918	Rock Pulp	0.121	25	11	0.66	90	<0.01	<20	1.18	0.04	0.26	<2	2.21	3.67	0.013	0.002
615919	Rock Pulp	0.243	24	14	1.05	140	0.09	<20	1.46	0.05	0.20	<2	1.23	11.25	0.604	0.051
615920	Rock Pulp	0.120	23	18	0.70	125	<0.01	<20	1.13	0.04	0.30	<2	1.67	3.84	0.012	<0.001
615921	Rock Pulp	0.091	19	13	0.54	136	<0.01	<20	1.00	0.04	0.26	<2	1.44	3.23	0.006	<0.001

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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Submitted By: Steve Robertson
Receiving Lab: Canada-Vancouver
Received: October 26, 2009
Report Date: November 12, 2009
Page: 1 of 11

CERTIFICATE OF ANALYSIS VAN09005198.1

CLIENT JOB INFORMATION

Project: Mount Polley
Shipment ID:
P.O. Number MP-09-14
Number of Samples: 300

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	300	Sorting of samples on arrival and labeling			VAN
MIXP	300	Mix pulps on arrival			VAN
G601	300	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1D	300	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
7AR2	300	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed	VAN
Cu/Ox_Imperial	300	Cu in oxide form, 2.5% H2SO4 leach	0.5	Completed	VAN

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Imperial Metals Corporation
200 - 580 Hornby St.
Vancouver BC V6C 3B6
Canada

CC: Melissa Darney

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615922	Rock Pulp	<0.01	2	74	41	62	<0.3	2	5	913	2.14	9	<8	<2	2	58	<0.5	<3	<3	61	2.30
615923	Rock Pulp	<0.01	3	84	93	66	<0.3	1	5	1145	2.17	12	<8	<2	2	59	<0.5	<3	<3	62	2.79
615924	Rock Pulp	<0.01	<1	93	26	68	<0.3	1	6	873	2.19	8	<8	<2	2	67	<0.5	<3	<3	89	1.91
615925	Rock Pulp	<0.01	1	45	4	54	<0.3	411	31	700	3.54	<2	<8	<2	<2	85	<0.5	<3	<3	71	2.66
615926	Rock Pulp	<0.01	1	90	22	67	<0.3	2	7	973	2.19	7	<8	<2	<2	71	<0.5	<3	<3	93	2.58
615927	Rock Pulp	<0.01	<1	141	4	113	<0.3	14	28	2648	6.22	10	<8	<2	<2	139	<0.5	<3	5	189	7.09
615928	Rock Pulp	<0.01	<1	155	6	111	<0.3	15	30	2405	6.49	10	<8	<2	<2	185	<0.5	<3	4	209	5.98
615929	Rock Pulp	<0.01	<1	151	7	104	<0.3	15	29	2549	6.22	11	<8	<2	<2	290	<0.5	<3	8	202	5.86
615930	Rock Pulp	<0.01	<1	155	6	83	<0.3	18	27	2114	5.63	7	<8	<2	<2	244	<0.5	<3	<3	206	4.92
615931	Rock Pulp	<0.01	<1	132	5	88	<0.3	17	29	2694	5.93	12	9	<2	<2	166	<0.5	<3	4	198	6.50
615932	Rock Pulp	<0.01	<1	139	9	55	<0.3	3	11	1368	2.53	8	<8	<2	<2	86	<0.5	<3	<3	107	3.53
615933	Rock Pulp	0.01	12	172	20	66	<0.3	2	7	996	2.39	7	<8	<2	<2	75	<0.5	<3	<3	89	2.19
615934	Rock Pulp	0.01	76	133	49	60	<0.3	2	7	1031	2.26	11	<8	<2	2	73	<0.5	<3	<3	67	2.27
615935	Rock Pulp	<0.01	4	114	25	69	<0.3	1	6	1178	2.13	10	<8	<2	3	79	<0.5	<3	<3	70	2.61
615936	Rock Pulp	<0.01	18	139	35	81	<0.3	1	7	1368	2.47	10	<8	<2	3	101	<0.5	<3	<3	86	2.77
615937	Rock Pulp	0.02	7	372	36	107	0.5	1	10	1751	2.99	14	<8	<2	2	104	<0.5	<3	<3	103	3.45
615938	Rock Pulp	0.29	3	3925	24	92	8.3	2	8	1246	2.63	15	<8	<2	2	118	<0.5	<3	<3	104	2.37
615939	Rock Pulp	0.63	14	6149	15	232	3.1	13	33	2391	10.58	43	10	<2	<2	204	0.7	4	3	507	4.03
615940	Rock Pulp	0.46	2	>10000	25	297	16.0	6	27	2576	7.09	16	<8	<2	<2	145	7.0	<3	<3	332	5.03
615941	Rock Pulp	0.37	4	7859	40	226	6.2	3	19	2802	4.95	13	<8	<2	<2	144	3.4	<3	3	227	5.21
615942	Rock Pulp	0.26	6	6187	40	266	4.5	7	22	2796	5.61	17	8	<2	<2	125	0.6	<3	4	266	4.08
615943	Rock Pulp	0.60	13	6045	13	233	3.2	13	32	2341	10.11	42	<8	<2	<2	193	<0.5	<3	<3	481	3.84
615944	Rock Pulp	0.02	26	140	45	90	0.4	1	7	1112	2.34	12	<8	<2	3	87	1.1	<3	3	85	2.09
615945	Rock Pulp	0.01	3	151	30	80	<0.3	1	6	1155	2.18	7	<8	<2	3	89	<0.5	<3	<3	83	2.17
615946	Rock Pulp	0.01	7	170	35	75	<0.3	1	6	992	2.11	9	<8	<2	3	106	<0.5	<3	<3	56	1.95
615947	Rock Pulp	<0.01	3	147	42	64	<0.3	<1	6	1020	2.12	9	<8	<2	3	116	<0.5	<3	<3	72	2.09
615948	Rock Pulp	<0.01	3	168	27	68	<0.3	<1	6	1041	2.15	5	<8	<2	3	116	<0.5	<3	<3	83	1.98
615949	Rock Pulp	<0.01	2	178	26	71	<0.3	1	6	1162	2.33	5	<8	<2	2	118	<0.5	<3	<3	89	2.55
615950	Rock Pulp	<0.01	6	128	35	85	<0.3	1	6	856	2.22	8	<8	<2	2	106	0.6	<3	<3	60	1.55
615951	Rock Pulp	<0.01	3	140	26	70	<0.3	1	6	1105	2.12	6	<8	<2	3	116	<0.5	<3	<3	68	2.03

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200 - 580 Hornby St.
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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
615922	Rock Pulp	0.058	17	15	0.36	156	<0.01	<20	0.75	0.04	0.27	<2	1.13	0.007	2.26	0.001
615923	Rock Pulp	0.062	18	10	0.37	89	<0.01	<20	0.74	0.04	0.26	<2	1.15	0.008	2.26	<0.001
615924	Rock Pulp	0.063	17	11	0.46	106	<0.01	<20	0.87	0.05	0.27	<2	0.41	0.008	2.28	<0.001
615925	Rock Pulp	0.066	7	337	4.59	185	0.22	<20	1.54	0.03	0.09	<2	<0.05	0.004	3.91	0.002
615926	Rock Pulp	0.067	14	15	0.51	66	<0.01	<20	0.90	0.05	0.27	<2	0.18	0.008	2.23	<0.001
615927	Rock Pulp	0.181	10	15	1.67	61	0.06	<20	2.01	0.02	0.36	<2	0.18	0.013	6.67	0.001
615928	Rock Pulp	0.194	10	25	1.96	182	0.10	21	2.42	0.22	0.36	<2	0.09	0.013	6.83	0.003
615929	Rock Pulp	0.189	9	24	1.89	703	0.10	<20	2.48	0.28	0.36	<2	0.08	0.013	6.70	0.002
615930	Rock Pulp	0.189	7	43	1.97	273	0.19	<20	2.54	0.43	0.27	<2	<0.05	0.014	5.89	0.003
615931	Rock Pulp	0.169	8	36	2.18	178	0.21	<20	2.10	0.04	0.29	<2	0.05	0.012	6.44	0.003
615932	Rock Pulp	0.082	12	18	0.65	62	0.01	<20	1.05	0.04	0.24	<2	0.23	0.013	2.73	<0.001
615933	Rock Pulp	0.077	14	12	0.49	47	<0.01	<20	0.93	0.04	0.25	2	0.36	0.016	2.58	<0.001
615934	Rock Pulp	0.065	17	15	0.34	107	<0.01	<20	0.78	0.04	0.29	<2	1.06	0.012	2.33	<0.001
615935	Rock Pulp	0.065	19	15	0.42	114	<0.01	23	0.81	0.05	0.34	<2	0.45	0.010	2.16	<0.001
615936	Rock Pulp	0.075	20	12	0.46	329	<0.01	27	1.04	0.04	0.37	<2	0.53	0.012	2.47	<0.001
615937	Rock Pulp	0.102	22	12	0.64	114	<0.01	28	1.22	0.03	0.35	<2	1.03	0.033	3.00	<0.001
615938	Rock Pulp	0.096	20	18	0.56	356	0.01	33	1.13	0.04	0.44	<2	0.59	0.357	2.60	0.009
615939	Rock Pulp	0.256	25	15	1.12	138	0.10	<20	1.67	0.06	0.22	<2	1.28	0.604	11.47	0.049
615940	Rock Pulp	0.158	22	15	1.17	48	0.01	30	1.71	0.03	0.32	2	2.10	2.030	7.56	0.038
615941	Rock Pulp	0.180	24	11	1.15	141	0.01	22	1.68	0.03	0.33	<2	1.03	0.789	5.78	0.015
615942	Rock Pulp	0.188	25	18	1.40	152	0.01	23	1.98	0.03	0.35	<2	1.07	0.611	6.49	0.014
615943	Rock Pulp	0.253	25	14	1.12	125	0.09	<20	1.48	0.05	0.20	<2	1.28	0.598	11.54	0.034
615944	Rock Pulp	0.070	19	13	0.44	133	<0.01	<20	0.89	0.04	0.34	<2	0.82	0.013	2.38	<0.001
615945	Rock Pulp	0.063	19	13	0.41	82	<0.01	<20	0.89	0.04	0.39	<2	0.53	0.013	2.19	<0.001
615946	Rock Pulp	0.066	18	15	0.34	141	<0.01	21	0.73	0.04	0.39	<2	1.14	0.015	2.17	<0.001
615947	Rock Pulp	0.064	18	11	0.35	144	<0.01	21	0.83	0.03	0.38	<2	0.71	0.013	2.11	<0.001
615948	Rock Pulp	0.062	18	15	0.37	168	<0.01	20	0.93	0.04	0.38	<2	0.42	0.015	2.19	<0.001
615949	Rock Pulp	0.067	17	15	0.43	124	<0.01	21	0.94	0.04	0.38	<2	0.37	0.016	2.37	<0.001
615950	Rock Pulp	0.062	17	14	0.34	91	<0.01	<20	0.79	0.03	0.34	<2	1.25	0.012	2.36	<0.001
615951	Rock Pulp	0.061	18	15	0.39	89	<0.01	<20	0.93	0.03	0.36	<2	0.69	0.013	2.26	<0.001

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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615952	Rock Pulp	<0.01	2	98	24	61	<0.3	<1	5	1107	2.12	6	<8	<2	3	137	<0.5	<3	<3	79	2.17
615953	Rock Pulp	<0.01	2	101	24	64	<0.3	1	6	1124	2.20	5	<8	<2	<2	175	<0.5	<3	<3	88	2.43
615954	Rock Pulp	<0.01	2	131	27	64	<0.3	1	6	1182	2.24	6	<8	<2	3	190	<0.5	<3	<3	87	2.37
615955	Rock Pulp	<0.01	2	200	27	60	<0.3	1	6	1188	2.19	9	<8	<2	2	196	<0.5	<3	<3	84	2.48
615956	Rock Pulp	<0.01	2	84	24	63	<0.3	<1	6	1187	2.26	11	<8	<2	3	183	<0.5	<3	<3	87	2.36
615957	Rock Pulp	<0.01	2	83	25	63	<0.3	<1	6	1311	2.25	9	<8	<2	3	196	<0.5	<3	<3	79	2.60
615958	Rock Pulp	<0.01	1	46	<3	57	<0.3	406	33	734	3.69	<2	<8	<2	<2	83	<0.5	<3	<3	76	2.43
615959	Rock Pulp	<0.01	1	87	31	66	<0.3	<1	5	1173	2.12	14	<8	<2	2	197	<0.5	<3	<3	74	2.40
615960	Rock Pulp	<0.01	1	142	31	64	<0.3	<1	5	1134	2.07	10	<8	<2	2	251	<0.5	<3	<3	69	2.39
615961	Rock Pulp	<0.01	<1	129	31	61	<0.3	1	6	1094	2.14	8	<8	<2	2	210	0.8	<3	<3	53	2.14
615962	Rock Pulp	<0.01	<1	425	13	88	0.5	2	9	1668	2.82	7	<8	<2	<2	402	<0.5	<3	<3	108	3.47
615963	Rock Pulp	<0.01	<1	146	13	65	<0.3	<1	5	1056	2.28	3	<8	<2	2	269	<0.5	<3	<3	105	2.28
615964	Rock Pulp	<0.01	<1	200	14	73	0.3	<1	6	1383	2.40	4	<8	<2	<2	289	<0.5	<3	<3	107	2.60
615965	Rock Pulp	<0.01	<1	97	9	61	<0.3	<1	5	1147	2.28	4	<8	<2	<2	297	<0.5	<3	<3	104	2.08
615966	Rock Pulp	<0.01	1	184	19	84	0.4	<1	8	1248	2.41	6	<8	<2	<2	290	<0.5	<3	<3	89	2.49
615967	Rock Pulp	<0.01	<1	212	17	83	0.4	<1	7	1313	2.47	5	<8	<2	<2	587	<0.5	<3	<3	92	3.00
615968	Rock Pulp	<0.01	1	206	36	85	<0.3	<1	8	1359	2.45	6	<8	<2	<2	262	<0.5	<3	<3	84	2.99
615969	Rock Pulp	<0.01	1	46	5	59	<0.3	412	32	691	3.64	<2	<8	<2	<2	81	<0.5	<3	<3	63	2.45
615970	Rock Pulp	<0.01	1	219	45	99	0.4	<1	10	1471	3.00	9	<8	<2	<2	244	<0.5	<3	<3	115	3.44
615971	Rock Pulp	<0.01	<1	147	23	81	<0.3	<1	8	1359	2.67	6	<8	<2	<2	222	<0.5	<3	<3	98	3.30
615972	Rock Pulp	0.01	2	163	32	93	0.5	<1	9	1400	2.92	12	<8	<2	<2	209	<0.5	<3	<3	99	3.13
615973	Rock Pulp	<0.01	1	198	30	94	0.4	<1	9	1465	2.66	10	<8	<2	<2	247	<0.5	<3	<3	102	3.63
615974	Rock Pulp	0.05	<1	2160	28	111	2.1	<1	11	1646	3.25	17	<8	<2	<2	246	2.9	<3	<3	118	3.93
615975	Rock Pulp	0.03	15	838	45	92	1.2	1	13	1602	3.25	27	<8	<2	<2	260	3.4	<3	<3	85	4.21
615976	Rock Pulp	<0.01	4	211	20	104	0.4	3	10	1498	3.02	11	<8	<2	<2	212	<0.5	<3	<3	117	3.51
615977	Rock Pulp	<0.01	4	202	24	103	0.4	1	10	1821	3.08	12	<8	<2	<2	206	<0.5	<3	3	87	4.39
615978	Rock Pulp	0.01	<1	259	13	71	0.5	<1	8	1652	2.50	5	<8	<2	<2	227	<0.5	<3	<3	89	3.43
615979	Rock Pulp	0.62	12	5739	13	225	3.5	11	29	2166	9.85	41	<8	<2	<2	180	0.8	<3	3	432	3.54
615980	Rock Pulp	<0.01	<1	113	8	59	0.3	1	6	1255	2.19	4	<8	<2	<2	223	<0.5	<3	<3	94	2.75
615981	Rock Pulp	<0.01	<1	201	7	68	0.4	1	6	1369	2.32	8	<8	<2	<2	200	<0.5	<3	<3	94	2.86

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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
615952	Rock Pulp	0.061	18	13	0.38	155	<0.01	<20	0.80	0.04	0.31	<2	0.49	0.009	2.24	<0.001
615953	Rock Pulp	0.064	19	15	0.39	147	<0.01	<20	0.83	0.04	0.33	<2	0.36	0.009	2.27	<0.001
615954	Rock Pulp	0.065	19	14	0.41	330	<0.01	<20	0.91	0.04	0.37	<2	0.40	0.012	2.28	<0.001
615955	Rock Pulp	0.064	18	17	0.39	144	<0.01	20	0.94	0.04	0.37	<2	0.46	0.019	2.24	<0.001
615956	Rock Pulp	0.064	20	15	0.39	265	<0.01	26	0.93	0.05	0.39	<2	0.53	0.008	2.26	<0.001
615957	Rock Pulp	0.063	20	13	0.38	188	<0.01	<20	0.83	0.04	0.33	<2	0.76	0.007	2.24	<0.001
615958	Rock Pulp	0.076	8	336	4.74	182	0.24	<20	1.68	0.02	0.08	<2	<0.05	0.004	3.97	0.002
615959	Rock Pulp	0.060	18	14	0.35	316	<0.01	<20	0.85	0.04	0.30	<2	0.63	0.008	2.24	<0.001
615960	Rock Pulp	0.058	17	14	0.35	282	<0.01	<20	0.83	0.04	0.30	<2	0.81	0.013	2.17	<0.001
615961	Rock Pulp	0.059	17	13	0.34	154	<0.01	<20	0.77	0.04	0.28	<2	1.47	0.012	2.29	<0.001
615962	Rock Pulp	0.090	20	14	0.60	237	0.02	<20	1.05	0.04	0.28	<2	0.58	0.042	2.98	0.002
615963	Rock Pulp	0.076	15	13	0.31	98	0.06	<20	0.71	0.04	0.28	<2	0.09	0.014	2.45	<0.001
615964	Rock Pulp	0.077	15	14	0.42	115	0.06	<20	0.79	0.04	0.26	<2	0.12	0.019	2.58	<0.001
615965	Rock Pulp	0.079	14	10	0.37	197	0.07	<20	0.71	0.04	0.26	<2	0.08	0.009	2.50	<0.001
615966	Rock Pulp	0.077	18	11	0.48	137	0.01	<20	0.88	0.04	0.29	<2	0.65	0.018	2.67	<0.001
615967	Rock Pulp	0.086	18	9	0.49	304	0.01	<20	0.84	0.03	0.24	<2	0.39	0.021	2.70	<0.001
615968	Rock Pulp	0.084	18	9	0.51	222	<0.01	<20	0.92	0.04	0.25	<2	0.70	0.020	2.78	<0.001
615969	Rock Pulp	0.064	7	304	4.53	213	0.18	<20	1.56	0.02	0.06	<2	<0.05	0.005	3.92	0.002
615970	Rock Pulp	0.116	20	7	0.64	240	<0.01	29	1.17	0.04	0.30	<2	0.73	0.021	3.32	<0.001
615971	Rock Pulp	0.089	18	11	0.48	151	0.01	<20	0.94	0.04	0.26	<2	0.79	0.015	2.97	<0.001
615972	Rock Pulp	0.100	21	9	0.57	76	<0.01	21	1.06	0.04	0.29	<2	0.96	0.015	3.11	<0.001
615973	Rock Pulp	0.107	20	8	0.55	187	<0.01	28	1.11	0.04	0.34	<2	0.57	0.019	2.94	<0.001
615974	Rock Pulp	0.139	23	9	0.69	131	<0.01	29	1.25	0.03	0.34	<2	0.87	0.217	3.44	0.004
615975	Rock Pulp	0.135	25	10	0.55	87	<0.01	26	1.17	0.03	0.34	<2	1.91	0.083	3.47	0.002
615976	Rock Pulp	0.118	20	32	0.68	185	<0.01	<20	1.18	0.03	0.31	<2	0.43	0.021	3.46	<0.001
615977	Rock Pulp	0.127	23	6	0.64	82	<0.01	<20	1.10	0.03	0.26	<2	1.69	0.020	3.34	<0.001
615978	Rock Pulp	0.093	19	9	0.43	80	<0.01	<20	0.81	0.03	0.24	<2	0.77	0.025	2.72	<0.001
615979	Rock Pulp	0.230	25	15	1.01	127	0.07	<20	1.48	0.05	0.19	<2	1.20	0.597	11.23	0.055
615980	Rock Pulp	0.074	18	16	0.36	50	<0.01	<20	0.75	0.04	0.25	<2	0.29	0.012	2.45	<0.001
615981	Rock Pulp	0.078	18	14	0.42	81	<0.01	<20	0.77	0.04	0.23	<2	0.25	0.020	2.64	<0.001

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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
615982	Rock Pulp	<0.01	<1	384	13	68	0.4	<1	8	1465	2.41	9	<8	<2	<2	191	<0.5	<3	<3	89	2.96
615983	Rock Pulp	<0.01	<1	345	11	71	0.5	<1	7	1538	2.54	10	<8	<2	<2	184	<0.5	<3	<3	111	3.57
615984	Rock Pulp	<0.01	2	246	21	74	0.4	1	8	1275	2.69	19	<8	<2	<2	181	0.8	<3	<3	77	2.73
615985	Rock Pulp	<0.01	2	227	19	74	0.4	1	8	1376	2.51	16	<8	<2	<2	191	0.7	<3	<3	73	3.11
615986	Rock Pulp	<0.01	1	94	15	74	<0.3	<1	6	1199	2.30	7	<8	<2	<2	190	0.7	<3	<3	84	2.83
615987	Rock Pulp	<0.01	3	132	25	68	<0.3	1	7	1124	2.49	12	<8	<2	<2	170	<0.5	<3	<3	75	2.53
615988	Rock Pulp	0.59	11	5427	13	212	3.1	10	28	2074	9.26	39	<8	<2	<2	176	0.9	<3	<3	408	3.36
615989	Rock Pulp	0.01	1	353	13	92	0.4	1	8	1817	2.76	18	<8	<2	<2	217	<0.5	<3	<3	89	4.30
615990	Rock Pulp	0.05	<1	1639	8	86	1.2	1	9	1875	2.59	12	<8	<2	<2	189	<0.5	<3	<3	91	4.13
615991	Rock Pulp	<0.01	2	265	17	135	0.6	1	10	1722	2.78	12	<8	<2	<2	176	0.6	<3	<3	89	3.75
615992	Rock Pulp	<0.01	<1	245	16	97	0.5	12	8	1394	2.48	9	<8	<2	<2	189	0.5	<3	<3	83	3.24
615993	Rock Pulp	0.02	2	308	21	152	0.5	1	11	1889	3.23	16	<8	<2	<2	176	0.8	<3	<3	92	4.38
615994	Rock Pulp	<0.01	1	43	<3	56	<0.3	392	30	650	3.65	<2	<8	<2	<2	92	<0.5	<3	<3	66	2.43
615995	Rock Pulp	0.02	16	360	32	113	0.6	2	12	1358	2.99	22	<8	<2	<2	176	1.8	<3	<3	74	3.15
615996	Rock Pulp	0.01	1	384	18	109	<0.3	<1	8	1361	2.67	17	<8	<2	<2	178	1.0	<3	<3	88	2.91
615997	Rock Pulp	0.02	3	407	12	108	<0.3	1	10	2062	2.84	11	<8	<2	<2	201	<0.5	<3	<3	99	4.85
615998	Rock Pulp	0.03	5	361	13	71	0.3	1	11	1355	2.86	20	<8	<2	<2	205	<0.5	<3	<3	63	3.27
615999	Rock Pulp	<0.01	2	300	14	44	0.3	<1	9	1259	2.22	30	<8	<2	2	197	<0.5	<3	<3	35	3.75
616000	Rock Pulp	<0.01	10	425	33	122	0.5	1	10	1288	3.11	55	<8	<2	<2	381	<0.5	<3	<3	33	3.13
616001	Rock Pulp	<0.01	8	135	20	154	<0.3	<1	7	1125	2.68	33	<8	<2	<2	199	0.6	<3	<3	36	3.10
616002	Rock Pulp	<0.01	3	99	19	108	<0.3	<1	7	1103	2.53	34	<8	<2	<2	229	<0.5	<3	<3	28	3.13
616003	Rock Pulp	0.02	11	108	13	62	<0.3	<1	7	1121	2.52	23	<8	<2	2	193	<0.5	<3	<3	34	2.96
616004	Rock Pulp	0.02	6	119	9	111	<0.3	<1	8	1415	2.33	36	<8	<2	<2	186	<0.5	<3	<3	46	3.18
616005	Rock Pulp	<0.01	2	42	<3	60	<0.3	381	30	665	3.63	3	<8	<2	<2	77	<0.5	<3	<3	67	2.24
616006	Rock Pulp	<0.01	2	244	11	105	<0.3	2	10	1632	2.76	20	<8	<2	<2	327	<0.5	<3	<3	71	3.63
616007	Rock Pulp	<0.01	<1	54	12	97	<0.3	1	7	2025	2.63	5	<8	<2	<2	229	<0.5	<3	<3	89	5.53
616008	Rock Pulp	0.02	2	63	7	69	<0.3	<1	6	970	1.98	9	<8	<2	<2	241	<0.5	<3	<3	64	2.01
616009	Rock Pulp	<0.01	<1	96	7	68	<0.3	<1	7	1142	1.78	14	<8	<2	<2	341	<0.5	<3	<3	61	2.66
616010	Rock Pulp	<0.01	<1	61	6	75	<0.3	<1	6	1110	2.02	8	<8	<2	<2	230	<0.5	<3	<3	85	2.29
616011	Rock Pulp	0.60	13	5939	13	224	2.9	11	31	2237	10.27	41	<8	<2	<2	184	0.8	<3	<3	467	3.74

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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
615982	Rock Pulp	0.073	19	11	0.49	151	<0.01	<20	0.80	0.04	0.22	<2	0.56	0.038	2.73	<0.001
615983	Rock Pulp	0.084	20	12	0.49	129	0.01	<20	0.94	0.04	0.26	<2	0.42	0.034	2.86	0.001
615984	Rock Pulp	0.089	20	8	0.56	114	<0.01	<20	0.99	0.03	0.22	<2	1.36	0.025	3.05	<0.001
615985	Rock Pulp	0.089	21	10	0.55	121	<0.01	<20	1.02	0.03	0.23	<2	1.07	0.023	2.89	<0.001
615986	Rock Pulp	0.076	18	9	0.43	194	<0.01	<20	0.79	0.04	0.21	<2	0.78	0.009	2.56	<0.001
615987	Rock Pulp	0.075	18	27	0.42	98	<0.01	<20	0.74	0.03	0.19	<2	1.29	0.013	2.74	<0.001
615988	Rock Pulp	0.221	24	14	0.98	120	0.07	<20	1.40	0.05	0.18	<2	1.15	0.607	11.48	0.057
615989	Rock Pulp	0.092	20	9	0.72	106	<0.01	<20	0.78	0.03	0.22	<2	1.04	0.038	3.33	0.004
615990	Rock Pulp	0.092	23	13	0.68	237	<0.01	<20	1.04	0.03	0.20	<2	0.78	0.177	2.94	0.006
615991	Rock Pulp	0.099	23	11	0.71	129	<0.01	<20	1.11	0.03	0.20	<2	1.18	0.029	3.34	<0.001
615992	Rock Pulp	0.083	20	15	0.65	198	0.01	<20	0.91	0.04	0.21	<2	0.92	0.025	2.76	0.001
615993	Rock Pulp	0.105	23	12	0.69	89	<0.01	<20	1.11	0.04	0.21	<2	1.79	0.033	3.70	0.001
615994	Rock Pulp	0.068	8	305	4.42	173	0.20	<20	1.60	0.03	0.07	<2	<0.05	0.005	4.25	0.002
615995	Rock Pulp	0.103	20	12	0.49	91	<0.01	21	0.81	0.03	0.26	<2	1.95	0.037	3.32	<0.001
615996	Rock Pulp	0.088	19	12	0.54	130	<0.01	<20	0.84	0.04	0.25	<2	1.02	0.039	2.88	0.001
615997	Rock Pulp	0.107	21	11	0.72	59	<0.01	<20	1.13	0.02	0.21	<2	1.07	0.042	3.23	0.002
615998	Rock Pulp	0.084	20	15	0.43	58	<0.01	<20	0.69	0.03	0.26	<2	1.70	0.039	3.36	0.001
615999	Rock Pulp	0.079	20	13	0.28	79	<0.01	21	0.48	0.03	0.29	<2	1.60	0.029	2.26	<0.001
616000	Rock Pulp	0.101	15	4	0.59	70	<0.01	<20	0.77	0.02	0.31	<2	2.64	0.042	3.23	<0.001
616001	Rock Pulp	0.077	17	12	0.41	52	<0.01	<20	0.56	0.03	0.26	<2	2.32	0.013	2.63	<0.001
616002	Rock Pulp	0.076	13	12	0.35	87	<0.01	<20	0.52	0.03	0.26	<2	2.21	0.010	2.56	<0.001
616003	Rock Pulp	0.080	16	11	0.31	67	<0.01	<20	0.43	0.03	0.24	<2	1.87	0.011	2.61	<0.001
616004	Rock Pulp	0.077	18	11	0.39	123	<0.01	<20	0.41	0.03	0.24	<2	1.35	0.012	2.44	<0.001
616005	Rock Pulp	0.068	7	289	4.50	203	0.19	<20	1.49	0.03	0.08	<2	<0.05	0.004	4.00	0.002
616006	Rock Pulp	0.106	17	9	0.58	108	<0.01	<20	0.53	0.03	0.23	<2	1.15	0.023	2.92	0.005
616007	Rock Pulp	0.057	11	8	1.46	441	<0.01	<20	0.36	0.04	0.16	<2	0.39	0.006	2.76	<0.001
616008	Rock Pulp	0.069	13	10	0.31	61	<0.01	23	0.42	0.04	0.25	<2	0.58	0.006	2.03	<0.001
616009	Rock Pulp	0.068	13	8	0.40	86	<0.01	<20	0.55	0.03	0.21	<2	0.34	0.009	2.03	<0.001
616010	Rock Pulp	0.074	13	9	0.53	241	0.03	<20	0.87	0.04	0.17	<2	<0.05	0.006	2.38	<0.001
616011	Rock Pulp	0.236	23	14	1.05	140	0.08	<20	1.41	0.05	0.19	<2	1.21	0.594	11.07	0.044

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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616012	Rock Pulp	<0.01	<1	80	11	87	<0.3	<1	7	1583	2.06	5	<8	<2	2	230	<0.5	<3	<3	84	4.42
616013	Rock Pulp	<0.01	<1	173	14	79	<0.3	<1	6	1237	2.16	6	<8	<2	<2	249	<0.5	<3	<3	74	2.65
616014	Rock Pulp	0.01	3	204	25	109	2.9	4	15	1804	4.08	19	<8	<2	<2	227	<0.5	<3	<3	125	4.09
616015	Rock Pulp	<0.01	<1	150	10	76	<0.3	<1	6	1368	2.23	4	<8	<2	<2	237	<0.5	<3	<3	90	3.55
616016	Rock Pulp	<0.01	<1	148	9	74	<0.3	<1	6	1317	2.16	3	<8	<2	<2	240	<0.5	<3	<3	89	3.51
616017	Rock Pulp	<0.01	<1	144	11	86	<0.3	<1	6	1457	2.24	3	<8	<2	<2	220	<0.5	<3	<3	91	2.77
616018	Rock Pulp	<0.01	<1	134	8	88	<0.3	<1	7	1490	2.27	<2	<8	<2	<2	235	<0.5	<3	<3	92	2.55
616019	Rock Pulp	<0.01	<1	149	14	80	<0.3	<1	7	1280	2.26	10	<8	<2	<2	235	<0.5	<3	<3	80	3.09
616020	Rock Pulp	<0.01	<1	128	12	81	<0.3	<1	8	1309	2.24	5	<8	<2	<2	160	<0.5	<3	<3	79	2.67
616021	Rock Pulp	<0.01	<1	144	12	71	<0.3	<1	7	1400	1.99	3	<8	<2	<2	220	<0.5	<3	<3	74	2.96
616022	Rock Pulp	0.01	3	177	30	112	<0.3	<1	9	1533	2.27	6	<8	<2	<2	423	<0.5	<3	<3	70	3.57
616023	Rock Pulp	0.57	12	5620	11	219	2.8	11	30	2133	9.75	39	<8	<2	2	179	0.7	<3	<3	457	3.56
616024	Rock Pulp	<0.01	<1	150	14	85	<0.3	<1	8	1364	2.24	5	<8	<2	<2	286	<0.5	<3	<3	85	3.05
616025	Rock Pulp	<0.01	2	119	19	76	<0.3	1	9	1556	2.36	11	<8	<2	<2	176	<0.5	<3	<3	76	3.27
616026	Rock Pulp	<0.01	2	82	10	67	<0.3	<1	9	1413	2.25	10	<8	<2	<2	180	<0.5	<3	<3	74	3.50
616027	Rock Pulp	<0.01	2	105	12	55	<0.3	<1	8	1632	2.25	10	<8	<2	<2	195	<0.5	<3	<3	68	4.08
616028	Rock Pulp	<0.01	5	794	11	74	<0.3	1	11	2106	3.13	16	<8	<2	2	218	<0.5	<3	<3	114	5.63
616029	Rock Pulp	<0.01	12	461	10	81	<0.3	2	11	2344	3.40	19	<8	<2	2	226	<0.5	<3	<3	122	6.04
616030	Rock Pulp	<0.01	3	117	9	67	<0.3	1	9	1910	2.63	9	<8	<2	3	198	<0.5	<3	<3	115	4.55
616031	Rock Pulp	<0.01	2	139	8	62	0.3	2	8	1472	2.40	8	<8	<2	<2	214	<0.5	<3	<3	100	3.61
616032	Rock Pulp	<0.01	<1	137	9	60	<0.3	1	8	1381	2.48	6	<8	<2	<2	184	<0.5	<3	<3	87	3.86
616033	Rock Pulp	<0.01	1	139	8	68	<0.3	1	8	1267	2.54	10	<8	<2	<2	169	<0.5	<3	<3	79	3.40
616034	Rock Pulp	<0.01	1	118	13	40	<0.3	<1	7	1178	2.49	16	<8	<2	<2	136	<0.5	<3	3	58	3.18
616035	Rock Pulp	<0.01	1	43	<3	56	0.5	398	30	668	3.69	3	<8	<2	<2	81	<0.5	<3	<3	65	2.26
616036	Rock Pulp	0.01	2	164	10	77	<0.3	<1	8	1336	2.37	9	<8	<2	<2	138	<0.5	<3	<3	58	3.57
616037	Rock Pulp	0.05	1	1939	15	152	1.3	3	18	2749	4.44	18	<8	<2	<2	160	<0.5	<3	<3	138	6.92
616038	Rock Pulp	0.03	12	575	25	224	0.8	7	15	2154	3.88	58	<8	<2	<2	171	0.8	<3	<3	86	5.38
616039	Rock Pulp	0.14	4	3044	12	195	2.4	2	17	2591	4.31	36	<8	<2	<2	183	0.6	<3	<3	121	5.72
616040	Rock Pulp	0.08	5	1104	14	136	1.4	3	21	2522	4.89	14	<8	<2	<2	315	<0.5	<3	<3	149	5.54
616041	Rock Pulp	0.03	1	144	10	75	0.4	1	9	1315	2.65	12	<8	<2	<2	162	<0.5	<3	<3	69	3.45

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CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616012	Rock Pulp	0.057	11	6	1.07	157	<0.01	<20	0.41	0.03	0.16	<2	0.18	0.008	2.35	<0.001
616013	Rock Pulp	0.074	18	10	0.38	127	<0.01	<20	0.57	0.04	0.25	<2	0.54	0.016	2.28	0.006
616014	Rock Pulp	0.157	14	10	1.06	43	0.05	<20	1.21	0.04	0.22	13	2.18	0.019	4.53	0.001
616015	Rock Pulp	0.077	16	12	0.45	51	0.02	<20	0.73	0.03	0.23	<2	0.52	0.014	2.35	<0.001
616016	Rock Pulp	0.076	16	8	0.41	46	0.02	<20	0.69	0.03	0.23	<2	0.44	0.014	2.32	<0.001
616017	Rock Pulp	0.075	16	10	0.48	83	0.02	<20	0.75	0.03	0.21	<2	0.35	0.013	2.34	<0.001
616018	Rock Pulp	0.077	15	11	0.53	217	0.03	<20	0.77	0.03	0.23	<2	0.25	0.013	2.38	<0.001
616019	Rock Pulp	0.072	15	9	0.44	117	0.03	22	0.80	0.04	0.23	<2	0.78	0.014	2.35	<0.001
616020	Rock Pulp	0.072	15	16	0.48	106	0.02	24	0.78	0.04	0.24	<2	0.71	0.012	2.32	<0.001
616021	Rock Pulp	0.071	15	11	0.39	287	0.02	<20	0.69	0.03	0.22	<2	0.39	0.015	2.21	<0.001
616022	Rock Pulp	0.071	15	13	0.42	215	0.02	<20	0.74	0.04	0.22	<2	1.08	0.018	2.49	<0.001
616023	Rock Pulp	0.230	23	13	1.02	137	0.08	<20	1.37	0.05	0.19	<2	1.20	0.618	11.52	0.047
616024	Rock Pulp	0.075	17	12	0.44	103	0.03	<20	0.75	0.04	0.26	<2	0.65	0.016	2.41	<0.001
616025	Rock Pulp	0.072	17	15	0.48	141	0.01	27	0.88	0.05	0.27	<2	1.06	0.012	2.49	<0.001
616026	Rock Pulp	0.070	18	11	0.43	64	<0.01	<20	0.80	0.04	0.25	<2	0.92	0.008	2.41	<0.001
616027	Rock Pulp	0.074	24	11	0.47	46	<0.01	<20	0.77	0.03	0.22	<2	1.37	0.010	2.40	<0.001
616028	Rock Pulp	0.127	24	12	0.65	111	0.01	24	1.16	0.03	0.27	<2	1.58	0.081	3.40	0.002
616029	Rock Pulp	0.130	26	12	0.74	100	0.01	27	1.26	0.03	0.28	<2	1.87	0.047	3.68	0.002
616030	Rock Pulp	0.101	22	17	0.64	159	0.01	23	0.99	0.03	0.26	<2	1.07	0.012	2.86	<0.001
616031	Rock Pulp	0.088	19	12	0.56	160	0.01	<20	0.93	0.03	0.24	<2	0.79	0.014	2.54	<0.001
616032	Rock Pulp	0.078	18	12	0.45	61	<0.01	<20	0.81	0.03	0.21	<2	1.14	0.014	2.68	<0.001
616033	Rock Pulp	0.083	16	13	0.48	63	<0.01	<20	0.84	0.03	0.24	<2	1.56	0.014	2.69	<0.001
616034	Rock Pulp	0.074	18	13	0.35	91	<0.01	<20	0.73	0.04	0.25	<2	2.00	0.012	2.64	<0.001
616035	Rock Pulp	0.063	8	301	4.53	245	0.19	<20	1.57	0.03	0.07	<2	<0.05	0.004	3.93	0.002
616036	Rock Pulp	0.074	18	10	0.37	112	<0.01	<20	0.75	0.04	0.23	<2	1.62	0.016	2.49	<0.001
616037	Rock Pulp	0.149	26	10	0.75	55	<0.01	20	1.23	0.03	0.19	<2	2.46	0.200	4.61	0.005
616038	Rock Pulp	0.115	25	12	0.46	66	<0.01	20	0.86	0.04	0.24	<2	2.76	0.058	3.96	0.002
616039	Rock Pulp	0.119	25	11	0.80	77	<0.01	21	1.08	0.04	0.22	<2	2.36	0.313	4.47	0.008
616040	Rock Pulp	0.142	26	15	0.74	69	<0.01	25	1.25	0.04	0.25	<2	2.34	0.111	5.28	0.004
616041	Rock Pulp	0.083	18	11	0.35	47	<0.01	<20	0.72	0.04	0.23	<2	1.91	0.014	2.78	<0.001

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200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616042	Rock Pulp	0.02	<1	121	14	63	0.4	1	8	1180	2.72	12	<8	<2	<2	596	<0.5	<3	<3	68	3.12
616043	Rock Pulp	0.01	<1	116	11	66	<0.3	1	8	1226	2.62	10	<8	<2	<2	178	<0.5	<3	<3	72	3.38
616044	Rock Pulp	<0.01	1	46	<3	59	0.4	430	32	704	3.89	3	<8	<2	<2	85	<0.5	<3	<3	71	2.42
616045	Rock Pulp	0.02	12	166	48	216	0.6	2	8	1220	2.41	24	<8	<2	<2	180	1.5	<3	<3	38	3.76
616046	Rock Pulp	0.01	2	136	76	240	0.6	1	8	1391	2.43	15	<8	<2	<2	165	1.8	<3	3	61	3.44
616047	Rock Pulp	<0.01	1	118	21	105	0.4	1	7	1337	2.29	10	<8	<2	<2	165	<0.5	<3	<3	82	3.06
616048	Rock Pulp	<0.01	4	164	32	189	<0.3	1	7	1324	2.38	16	<8	<2	<2	163	<0.5	<3	3	60	3.42
616049	Rock Pulp	0.01	3	183	32	174	0.4	1	8	1388	2.46	18	<8	<2	<2	152	<0.5	<3	<3	60	3.52
616050	Rock Pulp	0.01	2	191	21	87	0.4	1	8	1481	2.37	10	<8	<2	<2	145	<0.5	<3	<3	78	3.27
616051	Rock Pulp	<0.01	<1	225	17	95	0.4	1	9	1540	2.37	8	<8	<2	<2	133	<0.5	<3	<3	79	3.26
616052	Rock Pulp	0.02	46	269	151	121	0.6	1	10	970	2.22	18	<8	<2	<2	118	<0.5	<3	<3	59	2.14
616053	Rock Pulp	0.07	9	972	381	180	2.2	5	21	2891	6.00	30	<8	<2	<2	144	<0.5	<3	<3	223	6.45
616054	Rock Pulp	0.04	19	1030	32	127	1.4	2	16	2385	4.12	28	<8	<2	<2	124	<0.5	<3	<3	148	5.37
616055	Rock Pulp	0.59	12	5955	13	226	3.5	11	31	2255	10.95	43	<8	<2	<2	188	0.8	<3	<3	465	3.76
616056	Rock Pulp	0.03	8	969	21	114	1.1	2	13	1992	3.67	17	<8	<2	<2	117	0.6	<3	<3	136	4.46
616057	Rock Pulp	0.06	18	1106	22	171	1.8	3	24	3244	5.74	24	<8	<2	<2	120	<0.5	<3	<3	242	7.10
616058	Rock Pulp	0.03	2	927	10	115	1.0	2	13	2316	3.83	11	<8	<2	<2	115	<0.5	<3	<3	158	4.64
616059	Rock Pulp	0.02	3	943	9	109	1.0	2	13	2068	3.54	10	<8	<2	<2	126	<0.5	<3	<3	141	4.11
616060	Rock Pulp	0.08	3	2520	13	219	2.1	3	19	2808	4.75	14	<8	<2	<2	173	1.4	<3	3	191	5.59
616061	Rock Pulp	0.06	2	2061	10	181	1.7	3	19	3114	4.94	14	<8	<2	<2	129	0.7	<3	<3	201	6.47
616062	Rock Pulp	0.06	2	2389	9	144	1.6	3	17	3153	4.83	12	<8	<2	<2	156	<0.5	<3	3	209	7.11
616063	Rock Pulp	0.16	1	2163	11	199	1.9	4	20	3756	6.24	12	<8	<2	<2	217	<0.5	<3	4	274	8.37
616064	Rock Pulp	0.04	2	1203	12	179	1.5	4	20	3264	4.93	13	<8	<2	<2	184	0.6	<3	<3	209	6.68
616065	Rock Pulp	0.07	2	3257	11	143	1.8	4	19	3014	5.21	16	<8	<2	<2	166	0.7	<3	<3	229	6.13
616066	Rock Pulp	0.03	3	1621	14	137	1.3	4	16	2481	4.20	15	<8	<2	<2	178	<0.5	<3	3	173	5.84
616067	Rock Pulp	0.03	4	1093	19	169	1.3	5	20	2756	4.55	29	<8	<2	<2	144	0.7	<3	<3	194	5.39
616068	Rock Pulp	0.02	8	516	13	169	1.0	5	18	2435	4.28	17	<8	<2	2	215	<0.5	<3	<3	189	4.74
616069	Rock Pulp	0.72	12	5587	13	222	3.4	11	29	2172	9.35	42	<8	<2	3	183	1.1	<3	<3	440	3.50
616070	Rock Pulp	<0.01	1	310	9	118	0.6	5	16	2912	4.24	16	<8	<2	<2	150	<0.5	<3	<3	200	5.77
616071	Rock Pulp	0.01	2	390	28	263	0.7	5	18	3039	4.30	17	<8	<2	<2	177	1.2	<3	<3	196	6.01

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Project: Mount Polley
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CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616042	Rock Pulp	0.088	19	14	0.38	55	<0.01	21	0.74	0.05	0.24	<2	2.06	0.011	2.77	<0.001
616043	Rock Pulp	0.087	17	11	0.40	59	<0.01	<20	0.82	0.04	0.25	<2	1.59	0.011	2.66	<0.001
616044	Rock Pulp	0.066	8	324	4.75	260	0.19	<20	1.65	0.04	0.07	<2	<0.05	0.004	4.00	0.002
616045	Rock Pulp	0.075	18	15	0.21	79	<0.01	25	0.68	0.04	0.28	<2	2.28	0.015	2.39	<0.001
616046	Rock Pulp	0.077	20	17	0.35	126	<0.01	<20	0.87	0.04	0.29	<2	1.39	0.012	2.38	<0.001
616047	Rock Pulp	0.074	18	19	0.42	128	<0.01	<20	0.82	0.03	0.23	<2	0.70	0.011	2.31	<0.001
616048	Rock Pulp	0.072	17	15	0.31	125	<0.01	26	0.77	0.04	0.26	<2	1.44	0.015	2.38	<0.001
616049	Rock Pulp	0.075	18	14	0.35	118	<0.01	21	0.75	0.04	0.23	<2	1.51	0.017	2.48	<0.001
616050	Rock Pulp	0.072	18	17	0.46	122	0.03	24	0.88	0.04	0.24	<2	0.86	0.018	2.40	<0.001
616051	Rock Pulp	0.069	18	17	0.47	198	0.05	30	0.96	0.05	0.25	<2	0.76	0.022	2.46	<0.001
616052	Rock Pulp	0.082	18	13	0.30	128	0.02	36	0.78	0.04	0.26	<2	1.33	0.026	2.32	<0.001
616053	Rock Pulp	0.168	32	16	1.03	41	0.04	32	1.43	0.05	0.16	<2	4.33	0.095	5.89	0.003
616054	Rock Pulp	0.124	26	10	0.84	77	0.02	31	1.26	0.05	0.18	<2	2.61	0.102	4.12	0.003
616055	Rock Pulp	0.231	26	16	1.03	141	0.09	<20	1.59	0.06	0.21	<2	1.24	0.613	11.31	0.037
616056	Rock Pulp	0.106	21	15	0.69	54	0.08	41	1.15	0.04	0.23	<2	1.31	0.097	3.74	0.001
616057	Rock Pulp	0.168	28	10	1.07	41	0.11	29	1.46	0.04	0.14	<2	2.10	0.108	5.88	0.004
616058	Rock Pulp	0.109	20	14	0.71	54	0.10	<20	1.09	0.04	0.18	<2	0.53	0.097	4.27	0.003
616059	Rock Pulp	0.090	16	14	0.68	103	0.10	<20	1.07	0.04	0.22	<2	0.74	0.099	4.02	0.003
616060	Rock Pulp	0.133	21	14	0.91	65	0.09	20	1.27	0.03	0.19	<2	1.05	0.273	5.46	0.007
616061	Rock Pulp	0.140	23	15	0.97	65	0.09	25	1.37	0.04	0.18	<2	1.01	0.207	5.30	0.006
616062	Rock Pulp	0.168	25	12	0.97	76	0.11	23	1.45	0.04	0.22	<2	0.60	0.231	4.98	0.005
616063	Rock Pulp	0.172	28	18	1.03	63	0.09	23	1.55	0.03	0.24	<2	0.55	0.201	6.14	0.003
616064	Rock Pulp	0.165	24	18	1.12	63	0.10	26	1.57	0.04	0.26	<2	0.93	0.116	5.00	0.003
616065	Rock Pulp	0.163	24	18	1.11	117	0.12	33	1.62	0.04	0.26	<2	1.03	0.305	5.15	0.009
616066	Rock Pulp	0.149	25	14	0.92	109	0.04	32	1.48	0.04	0.24	<2	0.96	0.158	4.35	0.004
616067	Rock Pulp	0.181	26	12	1.20	57	0.03	<20	1.57	0.03	0.14	<2	2.45	0.109	5.22	0.002
616068	Rock Pulp	0.171	22	23	1.20	168	0.05	26	1.63	0.04	0.22	<2	0.68	0.054	5.09	0.002
616069	Rock Pulp	0.229	25	15	1.00	115	0.08	<20	1.54	0.05	0.20	<2	1.24	0.602	11.16	0.043
616070	Rock Pulp	0.169	23	27	1.31	148	0.05	23	1.75	0.04	0.20	<2	0.35	0.031	4.87	0.001
616071	Rock Pulp	0.142	20	24	1.03	154	0.09	34	1.57	0.04	0.27	<2	0.83	0.040	4.96	0.001

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CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616072	Rock Pulp	<0.01	8	319	19	131	0.7	5	16	2520	3.89	16	<8	<2	<2	363	<0.5	<3	<3	168	4.74
616073	Rock Pulp	<0.01	<1	51	<3	61	<0.3	419	32	725	3.73	<2	<8	<2	<2	83	<0.5	<3	<3	75	2.39
616074	Rock Pulp	0.02	2	338	10	140	0.4	5	15	2373	4.00	13	<8	<2	<2	182	<0.5	<3	<3	169	5.27
616075	Rock Pulp	0.01	2	274	8	145	0.4	5	16	2249	4.08	17	<8	<2	<2	176	<0.5	<3	<3	176	5.19
616076	Rock Pulp	0.01	2	401	9	159	0.7	5	17	2687	4.00	12	<8	<2	<2	1989	<0.5	<3	<3	187	5.58
616077	Rock Pulp	0.02	2	946	10	173	1.0	5	17	2307	4.07	14	<8	<2	<2	641	<0.5	<3	<3	191	5.04
616078	Rock Pulp	0.01	1	707	8	115	0.9	4	14	2725	3.85	12	<8	<2	<2	1079	<0.5	<3	<3	208	4.84
616079	Rock Pulp	<0.01	1	381	9	124	0.6	3	13	2289	3.54	14	<8	<2	<2	431	<0.5	<3	<3	172	4.22
616080	Rock Pulp	0.01	<1	565	9	138	0.8	4	13	2223	3.65	12	<8	<2	2	357	<0.5	<3	<3	167	4.40
616081	Rock Pulp	0.01	<1	599	9	135	0.5	5	15	2489	3.93	15	<8	<2	<2	199	<0.5	<3	<3	181	4.66
616082	Rock Pulp	0.01	<1	531	7	144	0.7	5	15	2592	4.10	13	8	<2	<2	243	<0.5	<3	<3	196	4.97
616083	Rock Pulp	0.61	12	5806	14	234	3.3	11	31	2332	9.94	43	<8	<2	3	197	1.1	<3	<3	469	3.74
616084	Rock Pulp	0.02	<1	640	7	124	0.7	5	14	2495	3.90	16	<8	<2	<2	197	<0.5	<3	<3	174	5.21
616085	Rock Pulp	0.03	<1	1851	8	151	1.5	6	15	2401	4.05	13	<8	<2	2	179	<0.5	<3	<3	174	4.49
616086	Rock Pulp	0.10	3	595	12	120	0.8	6	17	2176	4.12	26	<8	<2	<2	173	<0.5	<3	<3	188	4.30
616087	Rock Pulp	0.03	1	1024	11	150	1.3	6	17	2376	4.17	21	<8	<2	2	308	<0.5	<3	<3	196	4.39
616088	Rock Pulp	0.03	1	1262	11	163	1.1	5	17	2316	4.17	24	<8	<2	2	148	<0.5	<3	<3	195	4.66
616089	Rock Pulp	0.03	<1	1289	10	167	1.3	6	17	2419	4.33	23	<8	<2	<2	150	<0.5	<3	<3	214	4.89
616090	Rock Pulp	0.01	<1	606	7	143	0.8	6	16	2214	4.06	28	<8	<2	<2	153	<0.5	<3	<3	183	4.61
616091	Rock Pulp	0.01	<1	521	5	125	0.5	5	15	2286	3.90	20	<8	<2	<2	155	<0.5	<3	<3	153	4.96
616092	Rock Pulp	<0.01	<1	282	10	114	<0.3	4	12	1873	3.60	16	<8	<2	<2	246	<0.5	<3	<3	94	3.87
616093	Rock Pulp	0.01	1	295	15	86	0.4	2	9	1558	2.80	30	<8	<2	<2	173	<0.5	<3	<3	74	4.08
616094	Rock Pulp	0.02	1	189	22	113	0.4	1	10	1467	2.90	49	<8	<2	2	131	<0.5	<3	<3	60	3.82
616095	Rock Pulp	0.03	<1	172	20	134	0.6	4	14	2312	3.95	22	<8	<2	<2	158	<0.5	<3	<3	138	5.33
616096	Rock Pulp	0.03	<1	178	18	122	0.6	5	15	2431	3.92	19	<8	<2	<2	160	<0.5	<3	<3	146	5.55
616097	Rock Pulp	0.01	4	196	22	74	<0.3	5	10	1410	2.90	16	<8	<2	<2	433	<0.5	<3	<3	75	3.53
616098	Rock Pulp	0.02	3	187	18	77	<0.3	1	8	1351	2.46	14	<8	<2	<2	147	<0.5	<3	<3	65	3.29
616099	Rock Pulp	<0.01	<1	49	4	59	<0.3	410	31	721	3.66	<2	<8	<2	<2	81	<0.5	<3	<3	71	2.31
616100	Rock Pulp	<0.01	3	197	17	81	<0.3	1	8	1926	2.64	14	<8	<2	3	158	<0.5	<3	<3	88	3.87
616101	Rock Pulp	<0.01	<1	21	7	80	<0.3	2	9	1909	3.04	12	<8	<2	<2	76	<0.5	<3	<3	74	3.00

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CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616072	Rock Pulp	0.152	19	34	1.01	142	0.09	33	1.51	0.03	0.26	<2	0.83	0.033	4.52	0.001
616073	Rock Pulp	0.066	8	328	4.47	207	0.25	<20	1.72	0.03	0.08	<2	<0.05	0.005	4.08	0.002
616074	Rock Pulp	0.154	21	21	0.98	103	0.06	20	1.34	0.03	0.23	<2	1.05	0.035	4.81	<0.001
616075	Rock Pulp	0.154	20	35	1.13	110	0.06	21	1.46	0.04	0.23	<2	0.76	0.027	4.88	0.001
616076	Rock Pulp	0.150	22	22	1.18	345	0.06	22	1.64	0.04	0.25	<2	0.64	0.042	4.86	0.001
616077	Rock Pulp	0.158	20	22	1.23	137	0.07	<20	1.59	0.03	0.19	<2	1.04	0.099	4.77	0.002
616078	Rock Pulp	0.140	18	22	1.19	164	0.12	<20	1.55	0.03	0.22	<2	0.44	0.074	4.50	0.002
616079	Rock Pulp	0.137	15	13	1.10	151	0.10	24	1.48	0.04	0.25	<2	0.41	0.039	3.96	0.001
616080	Rock Pulp	0.147	17	18	1.06	117	0.11	26	1.46	0.03	0.25	<2	0.37	0.058	4.15	0.001
616081	Rock Pulp	0.160	19	25	1.26	306	0.07	31	1.62	0.04	0.23	<2	0.45	0.064	4.63	0.002
616082	Rock Pulp	0.176	20	28	1.27	102	0.11	27	1.66	0.03	0.25	<2	0.33	0.056	4.91	0.002
616083	Rock Pulp	0.239	27	16	1.07	125	0.09	<20	1.65	0.06	0.22	3	1.27	0.604	11.26	0.048
616084	Rock Pulp	0.162	20	19	1.17	113	0.07	<20	1.48	0.03	0.21	<2	0.52	0.066	4.56	0.002
616085	Rock Pulp	0.183	21	41	1.21	69	0.07	26	1.58	0.03	0.26	<2	0.32	0.194	4.76	0.004
616086	Rock Pulp	0.153	20	25	1.40	103	0.07	21	1.66	0.03	0.19	<2	0.89	0.063	5.05	0.002
616087	Rock Pulp	0.177	19	22	1.51	88	0.07	20	1.69	0.03	0.16	<2	0.58	0.106	5.01	0.003
616088	Rock Pulp	0.174	20	24	1.45	95	0.07	24	1.69	0.04	0.18	<2	0.73	0.131	4.91	0.004
616089	Rock Pulp	0.186	22	34	1.49	87	0.08	30	1.78	0.04	0.21	<2	0.71	0.130	5.05	0.004
616090	Rock Pulp	0.167	21	29	1.22	88	0.04	35	1.54	0.04	0.26	<2	0.56	0.060	4.70	0.005
616091	Rock Pulp	0.155	20	25	1.25	125	<0.01	28	1.20	0.04	0.25	<2	0.36	0.051	4.53	0.015
616092	Rock Pulp	0.148	14	12	1.16	223	<0.01	<20	0.82	0.04	0.20	<2	0.77	0.025	3.76	0.008
616093	Rock Pulp	0.111	22	13	0.51	108	<0.01	<20	0.56	0.04	0.28	<2	1.38	0.029	3.08	0.005
616094	Rock Pulp	0.101	20	13	0.61	58	<0.01	24	0.60	0.04	0.27	<2	2.16	0.018	3.09	<0.001
616095	Rock Pulp	0.143	25	23	0.92	35	<0.01	23	1.39	0.04	0.26	<2	2.51	0.017	4.42	0.001
616096	Rock Pulp	0.152	26	28	0.95	42	0.02	24	1.33	0.04	0.22	<2	1.90	0.017	4.36	0.002
616097	Rock Pulp	0.098	18	21	0.86	71	<0.01	<20	1.37	0.04	0.40	<2	1.11	0.019	3.02	0.001
616098	Rock Pulp	0.088	23	11	0.38	101	<0.01	<20	0.79	0.03	0.25	<2	1.54	0.018	2.55	<0.001
616099	Rock Pulp	0.064	8	307	4.38	202	0.22	<20	1.63	0.03	0.07	<2	<0.05	0.005	4.06	0.002
616100	Rock Pulp	0.085	22	12	0.56	159	<0.01	<20	0.86	0.04	0.25	<2	0.82	0.019	2.80	0.003
616101	Rock Pulp	0.096	14	14	0.88	31	0.02	<20	1.24	0.06	0.16	<2	0.39	0.002	3.40	<0.001

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200 - 580 Hornby St.
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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616102	Rock Pulp	<0.01	<1	18	8	90	<0.3	2	8	1729	3.05	10	<8	<2	<2	71	<0.5	<3	<3	74	3.09
616103	Rock Pulp	<0.01	2	50	6	65	<0.3	421	31	742	3.89	4	<8	<2	<2	82	<0.5	<3	<3	69	2.30
616104	Rock Pulp	<0.01	<1	50	10	91	<0.3	2	9	1640	3.11	9	<8	<2	<2	88	<0.5	<3	<3	93	3.86
616105	Rock Pulp	0.01	2	396	9	130	<0.3	5	15	2010	3.76	13	<8	<2	<2	146	<0.5	<3	4	153	5.12
616106	Rock Pulp	0.01	<1	441	8	100	<0.3	2	9	1854	3.05	15	<8	<2	2	175	<0.5	<3	<3	110	4.94
616107	Rock Pulp	0.01	4	519	8	109	<0.3	3	11	2177	3.14	8	<8	<2	<2	133	<0.5	<3	<3	136	5.00
616108	Rock Pulp	0.02	37	232	17	112	<0.3	2	12	1811	3.14	13	<8	<2	<2	104	<0.5	<3	<3	131	4.47
616109	Rock Pulp	0.65	13	6058	13	228	3.0	12	32	2312	10.56	42	<8	<2	2	192	0.7	<3	<3	490	3.91
616110	Rock Pulp	<0.01	4	167	14	93	<0.3	7	8	1592	2.37	7	<8	<2	2	109	<0.5	<3	<3	94	3.87
616111	Rock Pulp	<0.01	4	174	13	90	<0.3	2	8	1447	2.40	7	<8	<2	2	102	<0.5	<3	<3	92	3.24
616112	Rock Pulp	<0.01	18	188	9	91	<0.3	<1	7	1334	2.32	4	<8	<2	<2	124	<0.5	<3	<3	92	2.90
616113	Rock Pulp	0.01	12	139	12	80	<0.3	1	7	1559	2.60	5	<8	<2	2	100	<0.5	<3	<3	111	3.01
616114	Rock Pulp	<0.01	54	148	19	90	<0.3	<1	8	1701	2.56	7	<8	<2	2	81	<0.5	<3	<3	97	3.55
616115	Rock Pulp	<0.01	3	84	11	75	<0.3	1	6	1286	2.55	2	<8	<2	3	91	<0.5	<3	<3	113	2.24
616116	Rock Pulp	<0.01	15	115	13	89	<0.3	1	8	1525	2.54	6	<8	<2	2	93	<0.5	<3	<3	101	3.10
616117	Rock Pulp	<0.01	1	166	7	82	<0.3	<1	7	1558	2.41	5	<8	<2	2	120	<0.5	<3	<3	109	3.80
616118	Rock Pulp	<0.01	2	50	<3	65	<0.3	422	31	725	3.84	3	<8	<2	<2	81	<0.5	3	<3	72	2.36
616119	Rock Pulp	<0.01	31	165	11	51	<0.3	<1	8	1624	1.57	10	<8	<2	<2	148	0.7	<3	<3	54	5.05
616120	Rock Pulp	<0.01	4	195	7	56	<0.3	<1	6	1312	1.66	7	<8	<2	2	131	<0.5	<3	<3	67	4.15
616121	Rock Pulp	<0.01	7	266	12	80	<0.3	1	8	1724	2.44	8	<8	<2	<2	113	0.5	<3	<3	85	4.40
616122	Rock Pulp	<0.01	2	286	7	73	<0.3	<1	7	1397	2.19	7	<8	<2	<2	119	<0.5	<3	<3	81	3.73
616123	Rock Pulp	<0.01	2	225	9	80	<0.3	<1	7	1472	2.27	5	<8	<2	3	122	<0.5	<3	<3	89	3.61
616124	Rock Pulp	0.63	13	6054	11	234	3.1	12	31	2370	10.78	43	<8	<2	3	194	0.6	<3	<3	494	3.96
616125	Rock Pulp	<0.01	<1	150	9	74	<0.3	<1	7	1340	2.30	5	<8	<2	3	135	<0.5	<3	<3	96	3.34
616126	Rock Pulp	<0.01	3	259	13	77	<0.3	2	7	1454	2.29	19	<8	<2	2	324	0.7	<3	<3	71	3.70
616127	Rock Pulp	<0.01	<1	118	9	100	<0.3	2	11	1479	3.07	9	<8	<2	<2	77	<0.5	<3	<3	134	3.62
616128	Rock Pulp	<0.01	<1	146	12	103	<0.3	4	17	1679	4.46	22	<8	<2	<2	108	<0.5	<3	<3	197	4.44
616129	Rock Pulp	<0.01	1	149	8	90	<0.3	3	16	1539	4.48	16	<8	<2	<2	117	<0.5	<3	<3	198	4.12
616130	Rock Pulp	<0.01	2	44	<3	63	<0.3	409	31	720	3.81	2	<8	<2	<2	82	<0.5	<3	<3	72	2.33
616131	Rock Pulp	<0.01	2	85	5	70	<0.3	1	8	1271	2.56	9	<8	<2	2	87	0.6	<3	<3	118	2.80

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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616102	Rock Pulp	0.093	14	14	0.84	78	0.08	<20	1.36	0.07	0.15	<2	0.61	0.002	3.39	<0.001
616103	Rock Pulp	0.066	7	311	5.06	208	0.21	<20	1.58	0.02	0.07	<2	<0.05	0.005	4.04	0.002
616104	Rock Pulp	0.100	14	14	0.89	202	0.05	<20	1.22	0.06	0.13	<2	0.44	0.005	3.55	<0.001
616105	Rock Pulp	0.149	20	20	1.11	51	0.02	26	1.18	0.04	0.17	<2	0.42	0.041	4.38	0.007
616106	Rock Pulp	0.082	13	14	1.15	127	0.03	<20	0.69	0.05	0.15	<2	0.20	0.045	3.47	0.009
616107	Rock Pulp	0.116	19	16	1.07	60	0.04	<20	1.03	0.03	0.16	<2	0.33	0.053	3.41	0.002
616108	Rock Pulp	0.109	18	18	0.87	40	0.03	<20	1.04	0.03	0.16	<2	0.80	0.022	3.30	<0.001
616109	Rock Pulp	0.242	24	14	1.09	127	0.09	<20	1.47	0.05	0.20	<2	1.26	0.614	11.38	0.052
616110	Rock Pulp	0.071	19	17	0.66	60	0.02	25	0.95	0.03	0.23	<2	0.41	0.017	2.56	<0.001
616111	Rock Pulp	0.069	18	16	0.58	50	0.01	23	0.90	0.04	0.22	<2	0.41	0.017	2.54	<0.001
616112	Rock Pulp	0.076	20	11	0.45	59	0.01	21	0.81	0.03	0.26	<2	0.08	0.018	2.45	<0.001
616113	Rock Pulp	0.076	17	13	0.61	58	0.05	<20	0.92	0.04	0.20	<2	0.36	0.014	2.81	<0.001
616114	Rock Pulp	0.077	16	13	0.69	36	0.05	<20	1.04	0.04	0.20	<2	0.61	0.015	2.76	<0.001
616115	Rock Pulp	0.080	15	18	0.57	33	0.09	<20	0.89	0.04	0.22	<2	0.09	0.008	2.74	<0.001
616116	Rock Pulp	0.077	18	13	0.59	56	0.02	<20	0.94	0.04	0.25	<2	0.16	0.011	2.65	<0.001
616117	Rock Pulp	0.073	21	9	0.55	46	0.03	<20	0.82	0.03	0.19	<2	0.14	0.016	2.56	<0.001
616118	Rock Pulp	0.065	7	313	4.95	204	0.23	<20	1.59	0.02	0.08	2	<0.05	0.005	4.08	0.002
616119	Rock Pulp	0.069	17	14	0.22	206	<0.01	<20	0.67	0.03	0.29	<2	0.44	0.016	1.74	<0.001
616120	Rock Pulp	0.075	20	14	0.20	297	<0.01	<20	0.64	0.03	0.26	<2	0.28	0.019	1.88	0.001
616121	Rock Pulp	0.078	18	12	0.55	74	<0.01	<20	0.81	0.04	0.23	<2	0.33	0.026	2.63	0.002
616122	Rock Pulp	0.075	20	8	0.38	86	0.01	<20	0.67	0.03	0.24	<2	0.41	0.029	2.51	0.003
616123	Rock Pulp	0.074	17	12	0.51	101	0.04	<20	0.84	0.03	0.26	<2	0.14	0.022	2.47	<0.001
616124	Rock Pulp	0.244	24	14	1.10	136	0.09	<20	1.50	0.05	0.21	<2	1.30	0.620	11.38	0.053
616125	Rock Pulp	0.074	16	9	0.53	114	0.04	<20	0.88	0.03	0.28	<2	0.15	0.015	2.41	<0.001
616126	Rock Pulp	0.063	20	13	0.53	220	0.01	<20	0.91	0.03	0.24	<2	1.13	0.024	2.34	<0.001
616127	Rock Pulp	0.121	16	7	0.92	272	0.01	<20	1.36	0.03	0.30	<2	0.17	0.011	3.34	0.005
616128	Rock Pulp	0.180	16	7	1.35	467	0.02	<20	1.91	0.04	0.38	<2	0.26	0.014	4.60	0.006
616129	Rock Pulp	0.181	15	9	1.49	319	0.02	<20	1.99	0.05	0.41	<2	0.24	0.014	4.68	0.005
616130	Rock Pulp	0.071	7	315	5.07	180	0.21	<20	1.56	0.02	0.07	3	<0.05	0.004	4.07	0.002
616131	Rock Pulp	0.085	16	12	0.72	87	<0.01	<20	1.16	0.04	0.26	<2	0.19	0.008	2.69	<0.001

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Project: Mount Polley
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CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616132	Rock Pulp	<0.01	4	72	8	93	<0.3	<1	8	1280	2.57	10	<8	<2	2	112	0.5	<3	<3	112	2.73
616133	Rock Pulp	<0.01	4	84	30	95	<0.3	1	9	1321	2.61	12	<8	<2	2	152	0.6	<3	<3	87	2.91
616134	Rock Pulp	<0.01	5	64	12	72	<0.3	<1	8	1738	1.86	11	<8	<2	<2	232	0.6	<3	<3	51	5.63
616135	Rock Pulp	<0.01	4	65	13	61	<0.3	2	7	2055	1.65	10	<8	<2	<2	282	<0.5	<3	<3	41	7.12
616136	Rock Pulp	<0.01	6	121	34	67	<0.3	2	9	1523	2.45	12	<8	<2	2	366	<0.5	<3	3	39	5.66
616137	Rock Pulp	<0.01	4	115	25	104	<0.3	1	9	1428	2.89	12	<8	<2	3	214	<0.5	<3	<3	79	3.49
616138	Rock Pulp	<0.01	2	159	16	93	<0.3	1	8	1620	2.44	11	<8	<2	<2	241	0.6	<3	<3	91	3.93
616139	Rock Pulp	<0.01	1	164	15	53	0.4	9	10	2057	2.26	12	<8	<2	2	652	<0.5	<3	4	58	5.97
616140	Rock Pulp	<0.01	4	107	24	67	0.4	16	13	1400	3.28	13	<8	<2	<2	820	<0.5	<3	4	77	4.02
616141	Rock Pulp	<0.01	1	144	13	76	0.4	24	19	1644	4.08	16	<8	<2	<2	998	0.7	<3	4	105	4.58
616142	Rock Pulp	0.07	1	1074	13	106	1.2	2	12	2292	2.86	13	<8	<2	<2	519	0.6	<3	<3	51	7.61
616143	Rock Pulp	<0.01	1	213	14	72	0.4	1	9	1369	2.47	10	<8	<2	<2	449	<0.5	<3	<3	36	4.29
616144	Rock Pulp	<0.01	1	44	<3	55	<0.3	400	31	661	3.55	<2	<8	<2	<2	81	<0.5	<3	<3	68	2.34
616145	Rock Pulp	<0.01	2	313	14	64	0.5	2	8	1550	2.06	10	<8	<2	<2	302	<0.5	<3	<3	50	4.64
616146	Rock Pulp	<0.01	4	198	29	97	0.4	2	11	1551	3.09	19	<8	<2	<2	316	<0.5	<3	<3	86	4.05
616147	Rock Pulp	0.01	3	265	18	152	0.6	4	16	1979	3.93	21	<8	<2	<2	267	<0.5	<3	5	157	4.92
616148	Rock Pulp	0.01	4	276	16	141	0.4	2	15	1884	3.72	20	<8	<2	2	264	0.7	<3	<3	152	4.71
616149	Rock Pulp	<0.01	2	276	11	132	0.5	2	15	1845	3.81	15	<8	<2	<2	267	0.8	<3	6	155	4.76
616150	Rock Pulp	0.02	<1	254	13	120	0.4	2	15	1852	3.92	18	<8	<2	<2	254	0.6	<3	<3	158	4.37
616151	Rock Pulp	<0.01	3	431	24	132	0.4	3	14	1888	3.87	25	<8	<2	<2	200	<0.5	<3	<3	149	3.96
616152	Rock Pulp	<0.01	2	540	17	123	0.6	3	13	1897	3.35	16	<8	<2	<2	191	0.6	<3	<3	134	4.66
616153	Rock Pulp	0.02	5	582	53	119	0.8	3	15	1936	3.59	26	<8	<2	<2	234	3.6	<3	<3	111	3.50
616154	Rock Pulp	0.03	2	790	12	192	0.7	3	19	2921	4.29	20	<8	<2	<2	163	0.8	<3	6	189	5.36
616155	Rock Pulp	0.57	12	5862	13	222	3.2	12	30	2199	9.72	41	<8	<2	<2	179	<0.5	<3	<3	445	3.59
616156	Rock Pulp	0.03	5	797	18	171	1.0	5	20	3088	4.19	30	<8	<2	<2	198	1.3	<3	<3	178	6.77
616157	Rock Pulp	0.02	4	740	8	86	0.6	2	8	1323	2.24	14	<8	<2	2	129	1.1	<3	<3	76	2.80
616158	Rock Pulp	0.02	2	823	9	96	0.8	2	10	1556	2.50	14	<8	<2	2	136	<0.5	<3	<3	88	3.30
616159	Rock Pulp	0.01	3	530	13	141	0.6	3	14	2122	3.57	21	<8	<2	2	207	<0.5	<3	4	143	4.39
616160	Rock Pulp	0.01	9	592	10	107	0.7	3	12	1772	3.25	19	<8	<2	2	161	<0.5	<3	4	124	3.72
616161	Rock Pulp	0.63	13	6043	11	223	3.3	12	31	2299	10.27	44	<8	<2	<2	188	<0.5	<3	<3	480	3.63

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CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616132	Rock Pulp	0.088	15	11	0.75	82	<0.01	<20	1.23	0.04	0.28	<2	0.29	0.007	2.72	<0.001
616133	Rock Pulp	0.084	15	9	0.64	130	<0.01	<20	1.15	0.03	0.29	<2	0.99	0.008	2.67	<0.001
616134	Rock Pulp	0.080	15	5	0.37	93	<0.01	<20	0.96	0.02	0.33	<2	0.71	0.006	1.91	<0.001
616135	Rock Pulp	0.076	17	18	0.31	77	<0.01	<20	0.96	0.01	0.33	<2	0.62	0.006	1.67	<0.001
616136	Rock Pulp	0.091	14	12	0.33	120	<0.01	<20	1.20	0.01	0.37	<2	1.31	0.011	2.43	<0.001
616137	Rock Pulp	0.103	17	8	0.58	93	<0.01	<20	1.10	0.02	0.37	<2	1.69	0.010	2.89	<0.001
616138	Rock Pulp	0.089	20	12	0.62	194	<0.01	<20	1.18	0.03	0.35	<2	0.85	0.015	2.50	<0.001
616139	Rock Pulp	0.091	19	29	0.80	144	0.01	<20	1.29	0.02	0.31	<2	0.50	0.016	2.41	<0.001
616140	Rock Pulp	0.122	13	54	1.45	165	0.03	<20	1.78	0.05	0.34	<2	0.80	0.010	3.59	<0.001
616141	Rock Pulp	0.171	13	67	1.84	208	0.04	<20	1.96	0.05	0.27	<2	0.52	0.014	4.54	<0.001
616142	Rock Pulp	0.189	24	9	0.54	381	<0.01	<20	1.47	0.01	0.35	<2	0.39	0.107	3.26	0.011
616143	Rock Pulp	0.109	13	8	0.40	141	<0.01	<20	1.11	0.02	0.33	<2	0.82	0.021	2.66	0.001
616144	Rock Pulp	0.068	7	300	4.51	205	0.19	<20	1.49	0.02	0.07	<2	<0.05	0.004	3.98	0.002
616145	Rock Pulp	0.087	19	12	0.34	286	<0.01	<20	0.84	0.02	0.27	<2	0.76	0.030	2.32	0.001
616146	Rock Pulp	0.129	16	6	0.65	135	<0.01	<20	1.19	0.02	0.34	<2	1.41	0.019	3.52	<0.001
616147	Rock Pulp	0.183	21	14	1.15	267	<0.01	<20	1.63	0.03	0.30	<2	0.66	0.025	4.44	0.001
616148	Rock Pulp	0.180	21	8	1.06	257	<0.01	21	1.56	0.03	0.31	<2	0.69	0.026	4.16	0.002
616149	Rock Pulp	0.184	19	7	1.09	232	<0.01	25	1.63	0.03	0.33	<2	0.65	0.025	4.19	0.001
616150	Rock Pulp	0.186	18	9	1.10	126	<0.01	26	1.53	0.02	0.31	<2	1.16	0.024	4.40	0.002
616151	Rock Pulp	0.160	18	14	1.07	107	0.02	29	1.52	0.03	0.37	<2	1.16	0.040	4.24	0.002
616152	Rock Pulp	0.155	18	15	1.03	104	0.02	32	1.40	0.04	0.29	<2	0.60	0.052	3.80	0.003
616153	Rock Pulp	0.147	23	15	0.92	18	<0.01	28	1.22	0.04	0.26	<2	2.38	0.058	4.04	0.004
616154	Rock Pulp	0.184	25	12	1.22	265	0.02	27	1.48	0.03	0.19	<2	0.63	0.079	5.15	0.004
616155	Rock Pulp	0.243	24	14	1.07	124	0.07	<20	1.38	0.05	0.18	<2	1.19	0.585	11.10	0.054
616156	Rock Pulp	0.196	25	19	1.26	120	0.03	40	1.65	0.04	0.27	<2	1.31	0.076	4.75	0.004
616157	Rock Pulp	0.101	21	17	0.62	107	<0.01	<20	0.91	0.03	0.22	<2	0.68	0.069	2.31	0.003
616158	Rock Pulp	0.107	22	15	0.73	222	<0.01	28	1.11	0.03	0.27	<2	0.65	0.078	2.66	0.004
616159	Rock Pulp	0.155	22	12	1.17	470	<0.01	31	1.73	0.03	0.40	<2	0.58	0.050	4.02	0.001
616160	Rock Pulp	0.120	20	16	0.92	201	0.01	28	1.35	0.03	0.30	<2	0.52	0.056	3.61	0.002
616161	Rock Pulp	0.246	24	14	1.09	137	0.09	<20	1.50	0.05	0.19	<2	1.19	0.591	11.19	0.048

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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616162	Rock Pulp	<0.01	3	47	8	67	<0.3	4	9	1151	2.77	9	<8	<2	<2	112	<0.5	<3	<3	109	2.34
616163	Rock Pulp	0.01	<1	548	9	146	0.6	3	14	2103	3.48	13	<8	<2	<2	166	<0.5	<3	<3	136	3.86
616164	Rock Pulp	<0.01	4	400	11	102	0.6	2	9	1427	2.56	13	<8	<2	2	138	<0.5	<3	<3	93	2.77
616165	Rock Pulp	<0.01	4	438	14	114	0.7	2	10	1521	2.75	14	<8	<2	2	151	<0.5	<3	<3	101	3.01
616166	Rock Pulp	<0.01	10	305	14	87	0.5	3	9	1384	2.64	18	<8	<2	2	117	<0.5	<3	<3	91	2.78
616167	Rock Pulp	<0.01	1	199	10	87	0.3	1	8	1334	2.55	14	<8	<2	2	136	<0.5	<3	<3	118	2.56
616168	Rock Pulp	<0.01	6	225	12	86	0.4	1	8	1238	2.43	10	<8	<2	<2	179	<0.5	<3	<3	111	2.23
616169	Rock Pulp	<0.01	8	216	13	87	0.3	2	8	1406	2.41	12	<8	<2	<2	201	<0.5	<3	<3	98	3.00
616170	Rock Pulp	<0.01	2	170	13	76	0.3	1	8	1290	2.48	10	<8	<2	2	196	<0.5	<3	<3	124	2.35
616171	Rock Pulp	<0.01	7	267	9	80	0.4	2	8	1556	2.30	12	<8	<2	<2	214	<0.5	<3	3	93	3.34
616172	Rock Pulp	<0.01	4	239	9	86	0.3	<1	8	1454	2.24	11	<8	<2	<2	176	<0.5	<3	<3	94	3.07
616173	Rock Pulp	<0.01	4	288	10	73	0.4	1	8	1774	2.08	9	<8	<2	2	286	<0.5	<3	<3	68	4.43
616174	Rock Pulp	0.03	9	986	8	154	1.1	3	17	2490	3.65	20	<8	<2	<2	234	0.8	<3	4	150	5.33
616175	Rock Pulp	0.03	4	1207	<3	143	0.9	2	15	2593	3.47	19	<8	<2	<2	262	1.3	<3	<3	147	4.86
616176	Rock Pulp	0.04	3	859	14	138	0.6	4	15	2215	3.67	25	<8	<2	<2	243	<0.5	<3	<3	114	5.13
616177	Rock Pulp	0.04	9	849	7	151	0.8	6	18	2263	4.16	32	<8	<2	<2	188	<0.5	<3	<3	169	5.05
616178	Rock Pulp	0.02	7	312	7	128	0.3	3	12	1992	3.11	21	<8	<2	<2	178	<0.5	<3	<3	130	4.14
616179	Rock Pulp	<0.01	2	45	<3	57	<0.3	411	32	677	3.66	4	<8	<2	<2	82	<0.5	<3	<3	72	2.38
616180	Rock Pulp	<0.01	<1	241	<3	83	<0.3	<1	7	1263	2.33	9	<8	<2	<2	205	<0.5	<3	<3	105	2.72
616181	Rock Pulp	<0.01	6	224	14	88	<0.3	2	9	1502	2.72	19	<8	<2	<2	162	<0.5	<3	<3	99	2.97
616182	Rock Pulp	0.02	5	204	35	143	<0.3	4	17	2374	4.26	24	<8	<2	<2	184	<0.5	<3	<3	170	4.19
616183	Rock Pulp	0.02	2	353	28	141	<0.3	4	18	2534	4.17	30	<8	<2	<2	199	<0.5	<3	<3	181	5.06
616184	Rock Pulp	<0.01	3	45	<3	59	<0.3	436	33	711	3.82	5	<8	<2	<2	83	<0.5	<3	<3	77	2.44
616185	Rock Pulp	0.04	4	554	13	140	0.5	4	19	2899	3.64	54	<8	<2	<2	235	<0.5	<3	<3	154	5.73
616186	Rock Pulp	0.19	1	3383	17	140	2.6	3	15	2792	4.51	15	<8	<2	<2	270	<0.5	<3	<3	221	5.92
616187	Rock Pulp	0.10	5	2054	15	175	1.8	3	21	2861	4.89	34	<8	<2	<2	239	<0.5	<3	<3	206	5.84
616188	Rock Pulp	0.62	14	6248	6	226	3.1	12	33	2373	10.61	45	<8	<2	2	186	<0.5	<3	<3	510	3.91
616189	Rock Pulp	0.02	10	454	13	149	<0.3	4	17	2567	4.21	32	<8	<2	<2	310	<0.5	<3	<3	180	5.57
616190	Rock Pulp	0.06	18	1682	43	152	1.1	3	19	2573	4.57	38	<8	<2	<2	263	0.9	3	<3	168	5.71
616191	Rock Pulp	0.04	2	1292	11	145	1.4	2	19	3141	4.43	21	<8	<2	<2	317	<0.5	<3	<3	211	7.72

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Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616162	Rock Pulp	0.086	13	20	0.81	136	0.01	<20	1.10	0.05	0.23	<2	0.31	0.005	2.97	<0.001
616163	Rock Pulp	0.139	20	22	1.08	111	<0.01	21	1.48	0.03	0.27	<2	0.33	0.052	3.95	0.001
616164	Rock Pulp	0.099	19	20	0.64	164	<0.01	23	1.08	0.04	0.28	<2	0.35	0.037	2.81	<0.001
616165	Rock Pulp	0.110	20	15	0.72	147	<0.01	32	1.21	0.03	0.32	<2	0.37	0.042	2.95	<0.001
616166	Rock Pulp	0.090	18	20	0.66	190	<0.01	<20	1.18	0.04	0.28	<2	0.72	0.028	2.78	0.001
616167	Rock Pulp	0.088	18	12	0.64	84	<0.01	<20	1.06	0.04	0.24	<2	0.37	0.018	2.66	<0.001
616168	Rock Pulp	0.086	17	16	0.61	183	0.01	20	1.05	0.04	0.28	<2	0.38	0.021	2.62	0.001
616169	Rock Pulp	0.089	18	17	0.55	83	<0.01	<20	1.01	0.04	0.28	<2	0.67	0.020	2.57	<0.001
616170	Rock Pulp	0.090	16	17	0.62	196	0.03	<20	1.02	0.04	0.26	<2	0.23	0.016	2.62	<0.001
616171	Rock Pulp	0.079	18	24	0.59	672	0.02	21	1.09	0.04	0.28	<2	0.25	0.025	2.45	<0.001
616172	Rock Pulp	0.083	19	14	0.58	284	<0.01	<20	1.03	0.03	0.26	<2	0.19	0.023	2.41	<0.001
616173	Rock Pulp	0.088	20	11	0.47	549	<0.01	<20	1.07	0.02	0.30	<2	0.41	0.027	2.27	<0.001
616174	Rock Pulp	0.148	24	14	1.14	186	<0.01	22	1.64	0.03	0.21	<2	0.53	0.099	4.37	0.002
616175	Rock Pulp	0.153	23	9	1.12	167	0.01	41	1.48	0.03	0.22	<2	0.41	0.125	4.07	0.002
616176	Rock Pulp	0.133	21	17	0.97	137	<0.01	27	1.53	0.03	0.22	<2	1.83	0.085	3.92	0.002
616177	Rock Pulp	0.153	20	40	1.27	131	0.02	36	1.61	0.04	0.23	<2	1.12	0.085	4.70	0.003
616178	Rock Pulp	0.109	20	20	0.88	197	0.03	28	1.18	0.03	0.22	<2	0.35	0.030	3.50	<0.001
616179	Rock Pulp	0.066	7	309	4.59	209	0.22	22	1.54	0.03	0.07	<2	<0.05	0.004	4.02	0.001
616180	Rock Pulp	0.068	16	13	0.48	267	0.07	24	0.82	0.03	0.25	<2	0.18	0.022	2.49	<0.001
616181	Rock Pulp	0.078	18	27	0.64	155	0.01	31	1.04	0.05	0.27	<2	1.26	0.021	2.87	<0.001
616182	Rock Pulp	0.147	21	17	1.36	103	0.03	33	1.76	0.04	0.26	<2	1.53	0.019	4.59	<0.001
616183	Rock Pulp	0.153	21	20	1.32	180	0.04	44	1.88	0.05	0.31	<2	1.08	0.034	4.42	<0.001
616184	Rock Pulp	0.064	7	324	4.88	236	0.25	23	1.60	0.03	0.08	<2	<0.05	0.004	4.08	0.002
616185	Rock Pulp	0.167	27	14	1.24	172	0.03	35	1.75	0.03	0.28	<2	0.74	0.055	4.07	0.002
616186	Rock Pulp	0.145	23	13	0.91	138	0.05	30	1.43	0.02	0.29	<2	0.54	0.339	5.47	0.005
616187	Rock Pulp	0.166	25	11	1.11	159	0.03	28	1.58	0.03	0.23	<2	1.36	0.202	5.64	0.003
616188	Rock Pulp	0.247	24	14	1.07	149	0.09	<20	1.47	0.05	0.20	<2	1.26	0.613	11.75	0.056
616189	Rock Pulp	0.166	23	50	1.11	241	0.04	57	1.72	0.04	0.42	<2	1.06	0.044	4.50	0.001
616190	Rock Pulp	0.172	26	15	1.15	107	0.03	45	1.69	0.04	0.37	<2	2.21	0.156	4.64	0.003
616191	Rock Pulp	0.180	23	13	1.13	441	0.11	41	1.66	0.03	0.33	<2	0.74	0.121	4.57	0.002

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Project: Mount Polley
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CERTIFICATE OF ANALYSIS VAN09005198.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616192	Rock Pulp	0.05	2	890	12	145	0.7	3	17	2535	4.11	34	<8	<2	<2	224	<0.5	<3	<3	174	5.91
616193	Rock Pulp	0.02	1	663	9	141	0.4	2	14	2470	4.09	13	<8	<2	<2	295	<0.5	<3	<3	204	6.15
616194	Rock Pulp	0.02	2	625	10	121	0.6	2	13	2174	3.51	15	<8	<2	<2	241	<0.5	<3	<3	145	5.45
616195	Rock Pulp	0.09	4	1983	18	150	1.4	2	18	2531	4.30	41	<8	<2	<2	202	<0.5	<3	<3	183	5.49
616196	Rock Pulp	0.04	3	937	10	145	0.8	3	16	2605	3.95	25	<8	<2	<2	249	<0.5	<3	<3	187	6.66
616197	Rock Pulp	0.01	<1	288	8	116	<0.3	2	12	1904	3.40	12	<8	<2	<2	215	<0.5	<3	<3	164	5.39
616198	Rock Pulp	<0.01	<1	67	11	70	<0.3	<1	6	1033	2.06	8	<8	<2	2	152	<0.5	<3	<3	96	2.49
616199	Rock Pulp	<0.01	<1	207	5	126	<0.3	1	12	1810	3.17	15	<8	<2	<2	245	<0.5	<3	<3	139	3.51
616200	Rock Pulp	<0.01	<1	116	11	85	<0.3	5	14	1559	3.60	16	<8	<2	<2	195	<0.5	<3	<3	164	3.45
616201	Rock Pulp	<0.01	<1	141	14	64	<0.3	7	15	1430	3.60	10	<8	<2	<2	169	<0.5	<3	<3	155	3.78
616202	Rock Pulp	<0.01	<1	254	8	93	<0.3	2	12	1331	3.34	12	<8	<2	<2	185	<0.5	<3	<3	145	4.55
616203	Rock Pulp	<0.01	<1	160	5	110	<0.3	1	11	1583	3.39	12	<8	<2	<2	237	<0.5	<3	<3	144	4.77
616204	Rock Pulp	<0.01	2	160	13	119	<0.3	5	15	1717	3.68	20	<8	<2	<2	211	<0.5	<3	<3	137	4.61
616205	Rock Pulp	<0.01	<1	191	7	112	<0.3	1	11	1484	3.40	10	<8	<2	<2	220	<0.5	<3	<3	145	4.22
616206	Rock Pulp	<0.01	1	157	13	97	<0.3	2	13	1527	3.62	25	<8	<2	<2	183	<0.5	<3	<3	128	4.08
616207	Rock Pulp	0.01	<1	245	12	100	<0.3	1	13	1584	3.59	19	<8	<2	<2	185	<0.5	<3	<3	133	4.38
616208	Rock Pulp	<0.01	<1	232	7	79	<0.3	<1	7	1298	2.51	17	<8	<2	<2	162	<0.5	<3	<3	109	3.05
616209	Rock Pulp	<0.01	<1	215	9	80	<0.3	1	8	1347	2.70	10	<8	<2	<2	162	<0.5	<3	<3	130	3.05
616210	Rock Pulp	<0.01	<1	199	15	86	<0.3	9	10	1155	2.53	13	<8	<2	<2	152	<0.5	<3	<3	67	2.82
616211	Rock Pulp	0.59	12	5721	13	224	2.9	11	30	2186	10.12	41	<8	<2	<2	179	1.4	<3	<3	431	3.62
616212	Rock Pulp	<0.01	<1	74	11	83	<0.3	<1	8	1359	2.12	9	<8	<2	<2	146	<0.5	<3	<3	52	4.33
616213	Rock Pulp	0.01	<1	205	9	85	<0.3	1	9	1399	2.47	10	<8	<2	<2	124	<0.5	<3	<3	79	4.04
616214	Rock Pulp	<0.01	<1	40	<3	57	<0.3	379	29	632	3.44	<2	<8	<2	<2	72	<0.5	<3	<3	60	2.14
616215	Rock Pulp	0.02	12	334	15	103	<0.3	3	12	1729	3.40	25	<8	<2	<2	147	<0.5	<3	<3	99	4.61
616216	Rock Pulp	<0.01	2	110	3	95	<0.3	6	15	1795	3.74	11	<8	<2	<2	142	<0.5	<3	<3	109	3.66
616217	Rock Pulp	<0.01	<1	47	5	83	<0.3	8	14	1682	3.64	6	<8	<2	<2	153	<0.5	<3	<3	94	4.28
616218	Rock Pulp	<0.01	2	181	6	93	<0.3	13	17	1410	3.82	14	<8	<2	<2	375	<0.5	<3	<3	106	3.98
616219	Rock Pulp	<0.01	2	104	15	105	<0.3	95	20	1995	3.97	19	<8	<2	<2	305	0.9	<3	<3	112	5.85
616220	Rock Pulp	0.02	3	73	26	123	<0.3	157	28	4446	4.78	46	<8	<2	<2	252	0.6	<3	<3	124	10.40
616221	Rock Pulp	<0.01	2	141	29	108	<0.3	67	19	1969	3.75	17	<8	<2	<2	239	0.6	<3	<3	97	4.52

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 12, 2009

CERTIFICATE OF ANALYSIS VAN09005198.1

Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
MDL		0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616192	Rock Pulp	0.174	24	14	1.19	116	0.05	39	1.68	0.04	0.29	<2	1.22	0.085	4.31	0.002
616193	Rock Pulp	0.150	21	14	1.04	111	0.11	41	1.49	0.04	0.31	<2	0.23	0.065	4.38	0.002
616194	Rock Pulp	0.143	22	12	0.87	144	0.07	26	1.15	0.03	0.23	<2	0.72	0.063	3.95	0.002
616195	Rock Pulp	0.160	27	16	1.10	100	0.05	31	1.48	0.04	0.26	<2	1.31	0.194	4.68	0.005
616196	Rock Pulp	0.166	23	21	1.05	133	0.08	35	1.47	0.03	0.27	<2	0.51	0.090	4.22	0.003
616197	Rock Pulp	0.129	21	12	0.81	68	0.06	28	1.16	0.03	0.23	<2	0.42	0.027	3.59	0.001
616198	Rock Pulp	0.067	16	12	0.41	61	0.02	21	0.74	0.04	0.21	<2	0.29	0.006	2.17	<0.001
616199	Rock Pulp	0.143	20	9	1.30	115	0.03	26	1.56	0.04	0.23	<2	0.20	0.019	3.63	0.002
616200	Rock Pulp	0.137	13	30	1.56	316	0.15	25	1.67	0.05	0.22	<2	0.26	0.011	3.87	<0.001
616201	Rock Pulp	0.130	14	31	1.46	54	0.12	<20	1.50	0.04	0.19	<2	0.09	0.013	3.93	<0.001
616202	Rock Pulp	0.137	17	11	0.86	49	0.02	23	1.11	0.04	0.23	<2	0.48	0.025	3.69	<0.001
616203	Rock Pulp	0.140	17	9	0.86	71	0.03	26	1.19	0.04	0.30	<2	0.52	0.016	3.71	<0.001
616204	Rock Pulp	0.143	18	41	1.01	78	0.03	33	1.40	0.04	0.33	<2	1.03	0.015	4.02	<0.001
616205	Rock Pulp	0.136	17	11	0.81	79	0.02	30	1.16	0.04	0.28	<2	0.58	0.019	3.73	<0.001
616206	Rock Pulp	0.144	17	23	0.82	122	0.02	29	1.16	0.05	0.26	<2	1.54	0.015	3.73	<0.001
616207	Rock Pulp	0.138	20	9	0.80	131	0.02	35	1.23	0.04	0.29	<2	1.53	0.022	3.63	<0.001
616208	Rock Pulp	0.088	20	14	0.57	129	0.02	23	0.98	0.04	0.27	<2	0.88	0.021	2.62	0.002
616209	Rock Pulp	0.093	20	17	0.57	181	0.04	23	0.97	0.04	0.29	<2	0.85	0.020	2.78	<0.001
616210	Rock Pulp	0.080	19	19	0.53	174	0.01	22	0.93	0.04	0.29	<2	1.20	0.019	2.62	<0.001
616211	Rock Pulp	0.238	26	16	1.01	102	0.07	<20	1.48	0.06	0.19	<2	1.21	0.607	11.41	0.051
616212	Rock Pulp	0.072	21	9	0.38	109	<0.01	<20	0.89	0.04	0.26	<2	0.92	0.008	2.30	<0.001
616213	Rock Pulp	0.101	19	8	0.63	142	<0.01	<20	0.96	0.03	0.21	<2	0.80	0.027	3.19	0.002
616214	Rock Pulp	0.060	7	260	4.30	210	0.17	<20	1.37	0.02	0.07	<2	<0.05	0.005	4.06	0.002
616215	Rock Pulp	0.146	26	14	0.86	72	<0.01	<20	1.35	0.03	0.25	<2	1.61	0.035	3.67	0.001
616216	Rock Pulp	0.149	16	12	1.64	175	<0.01	<20	1.71	0.04	0.15	<2	0.40	0.011	4.45	<0.001
616217	Rock Pulp	0.142	13	10	1.55	169	<0.01	<20	1.69	0.03	0.15	<2	0.38	0.005	4.29	<0.001
616218	Rock Pulp	0.145	17	39	1.60	205	0.02	<20	1.93	0.03	0.19	<2	0.43	0.019	4.39	<0.001
616219	Rock Pulp	0.157	15	105	1.45	209	0.04	<20	1.82	0.08	0.22	<2	0.65	0.011	4.49	<0.001
616220	Rock Pulp	0.120	18	86	0.64	69	<0.01	<20	1.31	0.02	0.08	<2	1.69	0.007	5.31	<0.001
616221	Rock Pulp	0.138	18	39	0.38	104	<0.01	<20	1.28	0.03	0.19	<2	1.23	0.015	4.33	0.001

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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Submitted By: Steve Robertson
Receiving Lab: Canada-Vancouver
Received: October 26, 2009
Report Date: November 13, 2009
Page: 1 of 8

CERTIFICATE OF ANALYSIS VAN09005199.1

CLIENT JOB INFORMATION

Project: Mount Polley
Shipment ID:
P.O. Number MP-09-14
Number of Samples: 207

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	207	Sorting of samples on arrival and labeling			VAN
MIXP	207	Mix pulps on arrival			VAN
G601	207	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1D	207	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
7AR2	207	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed	VAN
Cu/Ox_Imperial	207	Cu in oxide form, 2.5% H2SO4 leach	0.5	Completed	VAN

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Imperial Metals Corporation
200 - 580 Hornby St.
Vancouver BC V6C 3B6
Canada

CC: Melissa Darney

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616222	Rock Pulp	0.01	1	43	<3	53	<0.3	359	28	690	3.51	<2	<8	<2	<2	85	<0.5	<3	<3	64	2.47
616223	Rock Pulp	<0.01	6	120	20	104	<0.3	203	27	3418	4.13	35	<8	<2	<2	375	<0.5	<3	<3	104	9.10
616224	Rock Pulp	<0.01	4	133	19	147	<0.3	236	31	2942	4.19	22	<8	<2	<2	314	0.5	<3	<3	97	8.47
616225	Rock Pulp	0.01	7	689	20	263	0.6	389	44	3380	6.80	35	<8	<2	<2	451	1.1	<3	<3	169	10.54
616226	Rock Pulp	<0.01	<1	97	12	269	<0.3	531	46	3499	6.12	17	<8	<2	<2	544	0.9	<3	<3	142	11.03
616227	Rock Pulp	0.04	6	670	11	125	0.6	2	12	3116	3.85	17	<8	<2	<2	136	<0.5	<3	<3	140	4.85
616228	Rock Pulp	<0.01	5	149	14	98	<0.3	3	12	1763	3.20	22	<8	<2	<2	131	<0.5	<3	<3	75	3.51
616229	Rock Pulp	<0.01	4	146	17	92	0.5	3	12	1707	3.44	18	<8	<2	<2	119	<0.5	<3	<3	85	3.19
616230	Rock Pulp	0.58	11	5441	11	210	2.6	10	28	2067	9.57	39	<8	<2	<2	167	1.3	<3	<3	407	3.40
616231	Rock Pulp	0.03	3	530	35	142	0.6	3	25	2647	6.64	27	<8	<2	<2	109	0.5	<3	<3	179	3.53
616232	Rock Pulp	0.14	3	1329	38	355	1.8	4	22	5315	8.35	36	<8	<2	<2	133	1.8	<3	<3	300	6.91
616233	Rock Pulp	0.01	8	213	12	60	<0.3	3	10	1663	3.25	16	<8	<2	<2	112	<0.5	<3	<3	72	2.40
616234	Rock Pulp	0.06	5	2139	22	112	2.4	3	15	3123	4.81	20	<8	<2	<2	105	<0.5	<3	<3	150	3.88
616235	Rock Pulp	0.05	3	538	21	142	0.8	2	13	3742	4.25	18	<8	<2	<2	127	<0.5	<3	<3	145	4.53
616236	Rock Pulp	0.06	9	673	45	256	1.1	3	29	3317	8.90	33	<8	<2	2	135	1.1	<3	4	272	5.04
616237	Rock Pulp	0.03	10	266	49	468	0.6	2	13	2039	3.76	19	<8	<2	<2	100	2.5	<3	<3	98	2.41
616238	Rock Pulp	0.12	19	842	163	378	1.3	3	26	3674	8.36	31	<8	<2	2	108	2.5	<3	7	235	3.78
616239	Rock Pulp	0.04	7	330	31	117	0.6	3	17	3140	5.22	24	<8	<2	2	163	0.6	<3	<3	181	5.27
616240	Rock Pulp	0.18	5	1123	34	155	1.4	2	16	4539	5.70	40	10	<2	2	170	0.7	<3	<3	246	8.30
616241	Rock Pulp	0.05	8	331	46	290	0.8	2	16	3634	4.69	27	<8	<2	<2	121	2.0	<3	<3	150	5.70
616242	Rock Pulp	<0.01	11	206	18	80	0.3	3	12	1328	3.42	18	<8	<2	<2	100	<0.5	<3	<3	64	1.44
616243	Rock Pulp	<0.01	7	196	17	107	0.5	2	15	2735	4.08	22	<8	<2	<2	100	<0.5	<3	<3	124	2.84
616244	Rock Pulp	<0.01	1	41	<3	52	<0.3	353	27	677	3.44	<2	<8	<2	<2	82	<0.5	<3	<3	64	2.46
616245	Rock Pulp	<0.01	3	163	9	98	0.3	3	14	2970	4.08	13	<8	<2	<2	111	<0.5	<3	<3	136	3.41
616246	Rock Pulp	<0.01	10	134	7	47	<0.3	2	13	2321	3.24	12	<8	<2	<2	118	<0.5	<3	<3	102	2.81
616247	Rock Pulp	<0.01	8	137	11	52	0.5	2	10	1868	3.70	29	<8	<2	<2	121	<0.5	<3	<3	88	2.44
616248	Rock Pulp	0.06	4	1109	13	174	1.2	4	16	2569	3.96	26	<8	<2	<2	114	<0.5	<3	<3	156	5.39
616249	Rock Pulp	0.52	13	5816	12	222	2.9	11	30	2218	9.75	38	<8	<2	2	179	<0.5	4	<3	461	3.65
616250	Rock Pulp	0.07	8	673	23	151	1.0	3	16	2263	4.02	36	<8	<2	<2	89	<0.5	<3	<3	130	5.47
616251	Rock Pulp	0.06	7	1525	20	152	1.0	3	16	2239	4.31	30	<8	<2	<2	91	0.6	<3	<3	144	4.92

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Client: **Imperial Metals Corporation**
200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616222	Rock Pulp	0.060	7	271	4.16	169	0.18	<20	1.49	0.03	0.08	<2	<0.05	0.004	3.83	0.002
616223	Rock Pulp	0.152	18	199	1.93	149	<0.01	<20	1.47	0.02	0.09	<2	0.71	0.012	4.63	0.003
616224	Rock Pulp	0.118	16	222	2.65	125	<0.01	<20	1.36	0.02	0.09	<2	1.22	0.013	4.51	0.004
616225	Rock Pulp	0.194	24	403	3.81	25	<0.01	<20	2.60	0.02	0.07	<2	1.65	0.070	7.39	0.003
616226	Rock Pulp	0.191	18	616	4.91	19	0.01	<20	3.11	0.01	0.06	<2	0.18	0.010	6.74	0.002
616227	Rock Pulp	0.109	27	13	0.95	68	<0.01	<20	1.15	0.03	0.12	<2	1.69	0.056	3.38	0.008
616228	Rock Pulp	0.097	22	14	0.30	56	<0.01	<20	0.81	0.03	0.17	<2	2.05	0.015	3.31	<0.001
616229	Rock Pulp	0.103	21	18	0.44	53	<0.01	<20	0.97	0.04	0.20	<2	2.36	0.015	3.68	0.001
616230	Rock Pulp	0.221	24	15	0.96	107	0.07	<20	1.40	0.05	0.18	<2	1.14	0.593	11.21	0.054
616231	Rock Pulp	0.099	25	21	0.80	29	0.01	<20	1.28	0.03	0.17	<2	4.76	0.058	7.38	0.004
616232	Rock Pulp	0.209	43	16	1.00	25	0.02	<20	1.54	0.03	0.12	<2	5.18	0.142	9.15	0.005
616233	Rock Pulp	0.106	22	11	0.30	37	<0.01	<20	0.76	0.03	0.17	<2	2.40	0.022	3.62	0.001
616234	Rock Pulp	0.124	31	18	0.90	46	<0.01	<20	1.23	0.03	0.15	<2	3.50	0.222	5.32	0.008
616235	Rock Pulp	0.149	33	16	0.91	55	<0.01	<20	1.39	0.03	0.18	<2	2.66	0.057	4.79	0.003
616236	Rock Pulp	0.174	34	16	0.63	18	<0.01	<20	1.35	0.03	0.12	<2	6.48	0.073	9.82	0.003
616237	Rock Pulp	0.105	22	17	0.51	46	<0.01	<20	0.84	0.03	0.15	<2	3.03	0.027	4.13	0.002
616238	Rock Pulp	0.252	40	17	0.98	21	<0.01	<20	1.44	0.04	0.17	<2	6.83	0.091	9.17	0.002
616239	Rock Pulp	0.221	42	15	0.67	40	<0.01	<20	1.28	0.04	0.12	<2	3.42	0.035	5.85	0.002
616240	Rock Pulp	0.326	59	13	1.00	32	0.02	<20	1.56	0.04	0.14	<2	2.68	0.113	6.33	0.004
616241	Rock Pulp	0.191	35	18	1.08	37	0.02	<20	1.25	0.03	0.11	<2	3.16	0.036	5.46	0.001
616242	Rock Pulp	0.096	18	21	0.45	43	<0.01	<20	0.76	0.03	0.22	<2	3.17	0.021	3.78	<0.001
616243	Rock Pulp	0.126	21	17	0.98	57	0.02	<20	1.56	0.03	0.20	<2	2.16	0.020	4.59	<0.001
616244	Rock Pulp	0.059	7	268	4.06	164	0.19	<20	1.45	0.03	0.08	<2	<0.05	0.004	3.91	0.002
616245	Rock Pulp	0.127	22	26	1.01	171	0.01	<20	1.68	0.03	0.21	<2	0.95	0.017	4.81	<0.001
616246	Rock Pulp	0.103	21	16	0.75	197	<0.01	<20	1.29	0.03	0.19	<2	0.94	0.014	3.86	<0.001
616247	Rock Pulp	0.116	21	9	0.60	30	<0.01	<20	0.91	0.02	0.19	<2	2.96	0.014	3.98	<0.001
616248	Rock Pulp	0.161	21	14	1.21	67	0.02	<20	1.84	0.03	0.26	<2	1.20	0.117	4.62	0.033
616249	Rock Pulp	0.232	23	14	1.04	120	0.08	<20	1.40	0.05	0.19	<2	1.23	0.608	11.33	0.038
616250	Rock Pulp	0.155	25	11	1.05	59	<0.01	<20	1.61	0.02	0.19	<2	2.09	0.072	4.71	0.003
616251	Rock Pulp	0.158	26	13	1.08	56	<0.01	<20	1.59	0.03	0.24	<2	2.44	0.154	4.86	0.004

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Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616252	Rock Pulp	0.03	3	997	21	144	0.8	3	14	1990	3.57	23	<8	<2	<2	102	2.0	<3	<3	126	4.37
616253	Rock Pulp	0.03	19	850	15	140	0.8	2	17	2573	3.68	29	<8	<2	<2	130	<0.5	<3	<3	141	6.01
616254	Rock Pulp	0.04	3	859	16	202	0.9	3	21	3157	4.92	30	<8	<2	2	123	<0.5	<3	<3	225	6.08
616255	Rock Pulp	0.04	4	1103	17	189	1.4	4	22	3019	4.93	32	<8	<2	<2	109	<0.5	<3	<3	210	5.95
616256	Rock Pulp	0.02	3	474	16	157	0.3	4	17	2121	4.14	30	<8	<2	<2	117	<0.5	<3	<3	144	4.98
616257	Rock Pulp	0.05	12	951	16	134	0.9	3	13	2012	3.53	29	<8	<2	<2	95	<0.5	<3	<3	127	4.37
616258	Rock Pulp	0.01	4	447	15	123	0.3	3	13	1967	3.54	23	<8	<2	<2	143	<0.5	<3	<3	119	4.60
616259	Rock Pulp	0.03	2	923	15	107	0.8	2	13	1620	3.36	25	<8	<2	<2	146	<0.5	<3	<3	103	3.60
616260	Rock Pulp	0.01	3	714	13	122	0.6	2	12	1837	3.03	20	<8	<2	2	155	<0.5	<3	<3	105	4.39
616261	Rock Pulp	0.01	8	501	23	108	0.7	3	13	1601	3.40	27	<8	<2	<2	158	<0.5	<3	<3	104	3.56
616262	Rock Pulp	<0.01	7	251	21	64	<0.3	1	7	930	2.19	17	<8	<2	<2	136	<0.5	<3	<3	47	2.20
616263	Rock Pulp	<0.01	10	136	18	66	<0.3	2	7	1019	2.13	14	<8	<2	<2	154	<0.5	<3	<3	55	2.39
616264	Rock Pulp	<0.01	3	70	36	73	<0.3	<1	6	1158	2.33	11	<8	<2	<2	153	<0.5	<3	<3	60	2.32
616265	Rock Pulp	<0.01	3	45	<3	59	<0.3	421	32	712	3.70	<2	<8	<2	<2	82	<0.5	<3	<3	68	2.33
616266	Rock Pulp	<0.01	2	66	19	72	<0.3	<1	6	1107	2.32	8	<8	<2	<2	160	<0.5	<3	<3	83	2.24
616267	Rock Pulp	<0.01	6	79	16	65	<0.3	2	6	1150	2.15	7	<8	<2	<2	166	<0.5	<3	<3	66	2.72
616268	Rock Pulp	<0.01	5	127	19	87	<0.3	1	8	1362	2.49	10	<8	<2	<2	158	<0.5	<3	<3	69	3.05
616269	Rock Pulp	<0.01	6	127	19	79	<0.3	<1	8	1151	2.48	11	<8	<2	3	151	<0.5	<3	<3	66	2.71
616270	Rock Pulp	<0.01	4	162	15	88	<0.3	1	8	1252	2.62	10	<8	<2	<2	145	<0.5	<3	<3	74	2.38
616271	Rock Pulp	<0.01	5	87	19	74	<0.3	1	7	1335	2.36	10	<8	<2	2	157	<0.5	<3	<3	68	3.11
616272	Rock Pulp	<0.01	7	209	22	78	<0.3	1	8	1266	2.51	12	<8	<2	<2	156	<0.5	<3	<3	63	2.53
616273	Rock Pulp	<0.01	4	126	20	89	<0.3	2	12	1715	3.46	13	<8	<2	<2	206	<0.5	<3	<3	134	4.10
616274	Rock Pulp	<0.01	7	156	14	80	<0.3	1	12	1483	3.37	16	<8	<2	2	236	<0.5	<3	<3	136	3.27
616275	Rock Pulp	<0.01	20	168	23	89	<0.3	1	12	1625	3.50	25	<8	<2	<2	225	<0.5	<3	<3	95	3.43
616276	Rock Pulp	<0.01	6	168	20	103	<0.3	2	13	1743	3.60	23	<8	<2	<2	193	<0.5	<3	<3	115	3.88
616277	Rock Pulp	0.01	3	182	24	125	<0.3	3	16	1820	4.13	30	<8	<2	<2	217	<0.5	<3	<3	133	3.86
616278	Rock Pulp	0.64	13	5962	11	229	3.1	11	32	2309	10.30	42	<8	<2	<2	181	<0.5	<3	<3	481	3.80
616279	Rock Pulp	<0.01	5	164	21	74	<0.3	2	13	1596	3.38	26	<8	<2	<2	245	<0.5	<3	<3	84	5.04
616280	Rock Pulp	<0.01	1	181	13	89	<0.3	2	11	1513	3.29	13	<8	<2	<2	294	<0.5	<3	<3	147	4.48
616281	Rock Pulp	<0.01	2	164	13	89	<0.3	1	14	1555	3.47	15	<8	<2	<2	254	<0.5	<3	<3	149	4.37

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Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616252	Rock Pulp	0.143	21	17	0.98	78	0.01	<20	1.38	0.03	0.26	<2	1.39	0.101	3.91	0.002
616253	Rock Pulp	0.162	29	11	1.03	142	0.02	24	1.66	0.03	0.27	<2	1.07	0.087	4.24	0.002
616254	Rock Pulp	0.262	39	12	1.52	52	0.02	<20	2.19	0.04	0.19	<2	1.19	0.086	5.74	0.003
616255	Rock Pulp	0.199	31	12	1.44	49	0.01	<20	2.08	0.04	0.17	<2	1.35	0.109	5.64	0.003
616256	Rock Pulp	0.164	20	24	1.27	91	<0.01	<20	1.85	0.03	0.22	<2	1.30	0.048	4.67	0.001
616257	Rock Pulp	0.133	22	24	0.86	77	<0.01	<20	1.34	0.03	0.23	<2	1.71	0.097	3.96	0.002
616258	Rock Pulp	0.139	21	12	0.97	89	0.01	<20	1.49	0.03	0.27	<2	1.67	0.045	3.99	0.001
616259	Rock Pulp	0.135	21	14	0.84	99	<0.01	<20	1.27	0.03	0.28	<2	1.90	0.091	3.59	0.002
616260	Rock Pulp	0.134	23	15	0.93	168	<0.01	24	1.31	0.03	0.27	<2	1.21	0.071	3.31	0.002
616261	Rock Pulp	0.149	23	20	0.78	35	<0.01	30	1.27	0.04	0.35	<2	2.12	0.050	3.72	0.002
616262	Rock Pulp	0.066	19	13	0.39	106	<0.01	<20	0.81	0.04	0.29	<2	1.67	0.024	2.29	<0.001
616263	Rock Pulp	0.065	17	25	0.42	42	<0.01	<20	0.90	0.04	0.32	<2	1.49	0.014	2.29	<0.001
616264	Rock Pulp	0.067	15	8	0.48	95	<0.01	<20	0.79	0.03	0.24	<2	1.68	0.007	2.53	<0.001
616265	Rock Pulp	0.063	7	306	4.86	231	0.21	<20	1.53	0.02	0.07	<2	<0.05	0.004	4.04	0.002
616266	Rock Pulp	0.064	15	13	0.49	152	<0.01	<20	0.84	0.05	0.25	<2	1.23	0.007	2.47	<0.001
616267	Rock Pulp	0.063	15	7	0.45	73	<0.01	<20	0.78	0.03	0.21	<2	1.30	0.008	2.30	<0.001
616268	Rock Pulp	0.074	17	11	0.50	51	<0.01	<20	0.91	0.04	0.27	<2	1.58	0.012	2.61	<0.001
616269	Rock Pulp	0.073	18	15	0.45	54	<0.01	23	0.91	0.04	0.29	<2	1.77	0.012	2.64	<0.001
616270	Rock Pulp	0.079	18	12	0.51	106	<0.01	<20	0.91	0.04	0.27	<2	1.56	0.016	2.74	<0.001
616271	Rock Pulp	0.071	17	14	0.46	42	<0.01	<20	0.85	0.04	0.27	<2	1.48	0.009	2.54	<0.001
616272	Rock Pulp	0.076	19	9	0.48	77	<0.01	<20	0.88	0.03	0.26	<2	1.67	0.021	2.74	<0.001
616273	Rock Pulp	0.137	18	10	0.84	117	0.02	<20	1.32	0.03	0.29	<2	1.01	0.013	3.92	<0.001
616274	Rock Pulp	0.139	15	8	0.85	132	0.01	22	1.37	0.03	0.29	<2	0.51	0.016	3.92	<0.001
616275	Rock Pulp	0.143	20	8	0.77	48	<0.01	<20	1.38	0.04	0.29	<2	1.92	0.016	3.78	<0.001
616276	Rock Pulp	0.147	18	13	0.89	106	<0.01	22	1.49	0.04	0.30	<2	1.72	0.017	3.97	<0.001
616277	Rock Pulp	0.165	16	10	1.10	75	<0.01	<20	1.63	0.03	0.24	<2	1.84	0.018	4.54	<0.001
616278	Rock Pulp	0.239	24	14	1.06	120	0.08	<20	1.44	0.05	0.20	<2	1.27	0.596	11.45	0.034
616279	Rock Pulp	0.133	20	8	0.68	69	<0.01	26	1.09	0.03	0.29	<2	2.29	0.017	3.65	<0.001
616280	Rock Pulp	0.135	17	10	0.77	318	0.02	32	1.24	0.04	0.35	<2	0.49	0.018	3.67	<0.001
616281	Rock Pulp	0.133	18	13	0.85	163	0.01	21	1.25	0.04	0.27	<2	0.52	0.016	3.79	<0.001

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Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616282	Rock Pulp	<0.01	2	181	14	87	<0.3	2	11	1344	3.25	13	<8	<2	<2	206	<0.5	<3	<3	136	3.36
616283	Rock Pulp	<0.01	9	171	25	90	0.4	1	12	1735	3.22	17	<8	<2	2	224	<0.5	<3	<3	121	4.99
616284	Rock Pulp	<0.01	1	160	17	104	0.4	1	13	1589	3.45	19	<8	<2	<2	191	<0.5	<3	<3	125	3.96
616285	Rock Pulp	<0.01	3	135	22	73	0.4	<1	10	1305	2.96	10	<8	<2	2	188	<0.5	<3	<3	116	3.52
616286	Rock Pulp	<0.01	<1	116	31	76	0.4	2	12	1414	3.35	14	<8	<2	<2	206	<0.5	<3	<3	128	3.58
616287	Rock Pulp	<0.01	<1	131	26	85	0.3	3	14	1669	3.67	16	<8	<2	2	237	<0.5	<3	<3	135	3.81
616288	Rock Pulp	0.19	3	1451	9	89	0.5	7	12	1757	2.68	24	<8	<2	2	198	<0.5	<3	<3	92	3.97
616289	Rock Pulp	0.62	11	5657	12	220	3.2	11	29	2159	9.46	40	<8	<2	3	178	1.1	<3	<3	427	3.47
616290	Rock Pulp	<0.01	5	122	8	76	<0.3	33	9	1231	2.37	18	<8	<2	<2	148	<0.5	<3	<3	80	3.01
616291	Rock Pulp	<0.01	<1	183	9	95	0.4	2	12	1698	3.16	22	<8	<2	<2	183	<0.5	<3	<3	109	4.40
616292	Rock Pulp	0.02	<1	270	10	91	0.6	2	12	1928	3.12	19	<8	<2	<2	172	<0.5	<3	<3	120	5.24
616293	Rock Pulp	0.02	<1	368	8	94	0.4	2	12	2230	3.19	17	<8	<2	<2	174	<0.5	<3	<3	127	6.45
616294	Rock Pulp	<0.01	<1	43	<3	56	<0.3	392	30	665	3.50	3	<8	<2	<2	77	<0.5	<3	<3	65	2.16
616295	Rock Pulp	0.02	<1	563	5	110	0.5	3	12	2250	3.54	15	<8	<2	<2	178	<0.5	<3	<3	152	6.35
616296	Rock Pulp	<0.01	<1	157	30	84	0.5	59	16	1818	3.37	15	<8	<2	<2	160	<0.5	<3	<3	125	4.56
616297	Rock Pulp	<0.01	3	73	31	78	0.3	8	12	1438	2.80	15	<8	<2	<2	118	<0.5	<3	<3	106	3.10
616298	Rock Pulp	<0.01	6	282	47	166	0.7	46	16	2170	3.72	18	<8	<2	<2	175	<0.5	<3	<3	144	3.15
616299	Rock Pulp	<0.01	5	176	67	190	0.7	2	13	1971	3.72	19	<8	<2	2	106	<0.5	<3	<3	159	2.82
616300	Rock Pulp	<0.01	4	230	53	225	0.5	3	13	2199	3.61	20	<8	<2	2	113	1.0	<3	<3	149	3.30
616301	Rock Pulp	<0.01	4	162	49	176	0.4	2	11	1907	3.30	5	<8	<2	2	109	<0.5	<3	<3	138	3.48
616302	Rock Pulp	<0.01	5	1052	35	180	1.0	4	15	1932	4.15	15	<8	<2	3	144	<0.5	<3	<3	168	4.06
616303	Rock Pulp	<0.01	4	242	15	142	0.5	3	12	1640	3.24	9	<8	<2	2	152	<0.5	<3	<3	137	4.01
616304	Rock Pulp	<0.01	6	252	11	128	0.6	3	13	1760	3.50	7	<8	<2	<2	134	<0.5	<3	<3	157	5.10
616305	Rock Pulp	<0.01	4	205	8	129	<0.3	4	12	1709	3.60	7	<8	<2	<2	150	<0.5	<3	<3	160	4.35
616306	Rock Pulp	0.65	11	5574	11	223	3.2	10	29	2195	9.64	41	<8	<2	3	173	1.0	3	<3	425	3.51
616307	Rock Pulp	<0.01	5	175	8	109	0.5	3	12	1652	3.17	10	<8	<2	<2	174	<0.5	<3	<3	131	5.47
616308	Rock Pulp	<0.01	3	223	7	128	0.4	3	13	1731	3.53	7	<8	<2	<2	166	<0.5	<3	<3	139	3.94
616309	Rock Pulp	<0.01	2	149	5	102	<0.3	3	12	1651	3.41	8	<8	<2	<2	154	<0.5	<3	<3	140	3.68
616310	Rock Pulp	<0.01	3	216	8	84	0.4	14	12	1507	3.24	11	<8	<2	<2	139	<0.5	<3	<3	124	3.64
616311	Rock Pulp	<0.01	6	150	9	90	0.4	2	12	1560	3.19	14	<8	<2	<2	138	<0.5	<3	<3	111	3.45

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Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616282	Rock Pulp	0.129	16	12	0.82	337	0.01	<20	1.21	0.04	0.28	<2	0.57	0.019	3.72	<0.001
616283	Rock Pulp	0.135	19	7	0.80	68	<0.01	29	1.40	0.04	0.30	<2	0.96	0.017	3.64	<0.001
616284	Rock Pulp	0.137	19	10	0.88	84	<0.01	31	1.49	0.04	0.30	<2	1.06	0.016	3.92	<0.001
616285	Rock Pulp	0.118	18	9	0.65	181	0.01	20	1.13	0.04	0.28	<2	0.78	0.014	3.57	<0.001
616286	Rock Pulp	0.133	17	7	0.90	94	<0.01	27	1.39	0.04	0.27	<2	1.15	0.012	3.85	<0.001
616287	Rock Pulp	0.155	17	5	1.18	193	<0.01	<20	1.66	0.03	0.25	<2	0.59	0.014	4.47	<0.001
616288	Rock Pulp	0.130	27	6	0.93	148	<0.01	<20	1.40	0.02	0.25	<2	0.74	0.155	3.28	0.003
616289	Rock Pulp	0.229	25	15	1.00	123	0.08	<20	1.47	0.05	0.19	<2	1.20	0.593	11.60	0.048
616290	Rock Pulp	0.079	16	41	0.95	325	0.01	<20	1.26	0.03	0.26	<2	0.48	0.012	2.64	<0.001
616291	Rock Pulp	0.131	20	9	0.92	217	0.05	<20	1.47	0.02	0.28	<2	0.67	0.019	3.73	<0.001
616292	Rock Pulp	0.118	19	10	0.98	194	0.08	<20	1.43	0.03	0.24	<2	0.56	0.028	3.68	0.001
616293	Rock Pulp	0.119	20	10	1.03	126	0.08	<20	1.42	0.02	0.21	<2	0.59	0.039	3.90	0.001
616294	Rock Pulp	0.059	7	285	4.34	218	0.19	<20	1.51	0.02	0.07	<2	<0.05	0.005	4.02	0.001
616295	Rock Pulp	0.132	24	15	1.11	165	0.09	<20	1.55	0.03	0.23	<2	0.47	0.059	4.20	0.002
616296	Rock Pulp	0.121	14	51	1.64	285	0.09	<20	1.72	0.03	0.15	<2	0.66	0.017	4.08	<0.001
616297	Rock Pulp	0.096	13	21	1.29	26	0.03	<20	1.36	0.04	0.10	<2	0.61	0.008	3.36	<0.001
616298	Rock Pulp	0.107	20	69	1.39	75	0.03	<20	1.52	0.03	0.13	<2	1.01	0.029	4.71	<0.001
616299	Rock Pulp	0.101	19	17	0.89	72	0.03	<20	1.26	0.03	0.17	<2	0.97	0.019	4.46	<0.001
616300	Rock Pulp	0.125	24	16	1.02	86	0.02	<20	1.45	0.04	0.20	<2	0.60	0.024	4.30	<0.001
616301	Rock Pulp	0.099	19	14	0.88	87	0.02	<20	1.23	0.03	0.16	<2	0.26	0.017	4.06	<0.001
616302	Rock Pulp	0.274	29	27	1.06	52	0.02	<20	1.39	0.03	0.21	<2	0.61	0.099	5.07	0.003
616303	Rock Pulp	0.195	25	17	0.79	43	0.01	<20	1.16	0.03	0.18	<2	0.32	0.025	4.22	<0.001
616304	Rock Pulp	0.146	17	20	1.13	49	0.02	<20	1.38	0.04	0.15	<2	0.26	0.026	4.06	<0.001
616305	Rock Pulp	0.153	18	21	1.18	54	0.03	<20	1.32	0.04	0.21	<2	0.13	0.020	4.12	<0.001
616306	Rock Pulp	0.224	25	15	1.01	130	0.08	<20	1.48	0.05	0.19	<2	1.21	0.600	11.29	0.047
616307	Rock Pulp	0.145	18	14	1.01	49	0.02	<20	1.18	0.03	0.18	<2	0.24	0.019	3.85	<0.001
616308	Rock Pulp	0.150	18	15	1.36	47	0.01	<20	1.43	0.02	0.18	<2	0.08	0.023	4.27	<0.001
616309	Rock Pulp	0.142	18	16	1.27	53	0.01	<20	1.42	0.03	0.20	<2	0.13	0.016	4.21	<0.001
616310	Rock Pulp	0.103	19	14	0.69	76	<0.01	<20	1.15	0.04	0.25	<2	0.54	0.022	4.01	<0.001
616311	Rock Pulp	0.090	19	16	0.60	85	<0.01	<20	1.11	0.03	0.21	<2	1.02	0.015	3.90	<0.001

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200 - 580 Hornby St.
Vancouver BC V6C 3B6 Canada

Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616312	Rock Pulp	<0.01	4	223	15	100	0.5	2	12	1523	3.72	19	<8	<2	<2	115	<0.5	<3	<3	121	2.82
616313	Rock Pulp	<0.01	5	185	29	142	0.6	3	13	1833	3.99	24	<8	<2	<2	117	<0.5	<3	<3	133	3.32
616314	Rock Pulp	0.01	5	279	18	134	0.7	2	13	1806	3.78	23	<8	<2	<2	136	<0.5	<3	<3	126	3.96
616315	Rock Pulp	0.01	5	223	15	134	0.6	3	13	1856	3.73	17	<8	<2	<2	120	<0.5	<3	<3	134	4.08
616316	Rock Pulp	0.03	8	825	24	151	0.7	2	14	2109	4.16	20	<8	<2	<2	116	<0.5	<3	<3	175	4.15
616317	Rock Pulp	0.03	7	321	20	156	0.8	2	14	2162	3.95	17	<8	<2	<2	129	<0.5	<3	<3	159	3.15
616318	Rock Pulp	<0.01	<1	42	<3	55	<0.3	355	27	706	3.49	4	<8	<2	<2	83	<0.5	<3	<3	62	2.49
616319	Rock Pulp	0.06	4	423	26	140	0.4	2	14	2024	4.30	9	<8	<2	3	119	<0.5	<3	<3	190	3.31
616320	Rock Pulp	0.02	8	231	32	138	0.4	4	14	1877	4.15	12	<8	<2	<2	124	<0.5	<3	4	177	3.38
616321	Rock Pulp	0.15	6	1284	38	158	0.8	2	16	2127	4.87	15	<8	<2	<2	101	<0.5	<3	5	225	3.09
616322	Rock Pulp	0.03	7	296	51	165	0.5	2	14	1861	4.39	18	<8	<2	<2	91	0.8	<3	4	182	2.69
616323	Rock Pulp	0.02	6	151	30	117	0.4	3	12	1611	3.50	10	<8	<2	<2	95	<0.5	<3	6	137	2.98
616324	Rock Pulp	0.02	8	160	30	113	0.8	2	12	1522	3.79	17	<8	<2	<2	95	<0.5	<3	<3	136	2.35
616325	Rock Pulp	0.07	13	1636	48	122	1.7	10	17	1646	4.80	17	<8	<2	<2	103	<0.5	<3	<3	175	2.53
616326	Rock Pulp	0.05	6	677	37	201	0.7	2	17	2300	5.48	23	<8	<2	2	99	1.0	<3	8	261	3.12
616327	Rock Pulp	0.02	8	341	61	112	0.7	4	16	2151	4.68	15	<8	<2	<2	103	<0.5	<3	5	208	2.90
616328	Rock Pulp	0.03	5	439	61	151	0.6	2	13	1839	4.03	15	<8	<2	<2	84	<0.5	<3	6	170	2.77
616329	Rock Pulp	0.04	5	382	135	243	0.5	2	12	1701	3.63	8	<8	<2	<2	93	1.1	<3	4	155	2.80
616330	Rock Pulp	<0.01	<1	42	<3	50	<0.3	376	28	692	3.61	<2	<8	<2	<2	83	<0.5	<3	5	66	2.56
616331	Rock Pulp	0.05	8	186	33	104	1.0	3	16	1711	4.99	18	<8	<2	2	91	<0.5	<3	<3	157	2.41
616332	Rock Pulp	0.03	10	127	18	85	0.6	2	16	2094	4.75	17	<8	<2	<2	112	<0.5	<3	6	171	3.71
616333	Rock Pulp	0.04	6	165	25	133	0.5	5	20	2441	6.67	13	<8	<2	2	121	<0.5	<3	<3	265	3.91
616334	Rock Pulp	0.67	12	5902	14	219	3.0	12	32	2231	9.96	37	<8	<2	<2	182	1.5	<3	<3	469	3.77
616335	Rock Pulp	0.08	6	756	39	298	1.2	3	30	2898	9.52	33	<8	<2	<2	105	1.0	<3	7	450	4.60
616336	Rock Pulp	0.06	6	617	30	184	1.1	3	20	2438	6.51	22	<8	<2	<2	87	0.5	<3	5	290	2.72
616337	Rock Pulp	0.03	5	268	19	99	0.8	2	14	1933	4.55	17	<8	<2	<2	77	<0.5	<3	<3	168	2.29
616338	Rock Pulp	0.03	6	288	24	176	0.5	2	15	2168	4.74	21	<8	<2	<2	123	<0.5	<3	6	183	3.16
616339	Rock Pulp	0.03	8	445	72	307	0.9	3	15	1961	5.49	19	<8	<2	<2	86	0.8	<3	5	219	2.19
616340	Rock Pulp	0.06	4	661	45	236	1.2	2	17	2045	5.66	18	<8	<2	<2	95	0.7	<3	6	228	2.88
616341	Rock Pulp	0.03	4	317	28	156	0.7	2	13	1982	4.46	15	<8	<2	<2	100	<0.5	<3	<3	183	3.76

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Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616312	Rock Pulp	0.089	19	16	0.69	81	<0.01	<20	1.16	0.03	0.21	<2	1.65	0.023	4.32	<0.001
616313	Rock Pulp	0.102	20	29	0.80	76	<0.01	<20	1.28	0.04	0.23	<2	2.15	0.019	4.51	<0.001
616314	Rock Pulp	0.099	18	15	0.65	81	<0.01	<20	1.16	0.04	0.21	<2	1.73	0.028	4.31	0.001
616315	Rock Pulp	0.092	19	35	0.80	82	<0.01	<20	1.23	0.04	0.19	<2	1.42	0.023	4.25	<0.001
616316	Rock Pulp	0.109	22	19	0.88	93	0.02	22	1.54	0.04	0.27	<2	1.19	0.085	4.89	0.003
616317	Rock Pulp	0.107	21	13	0.87	85	<0.01	<20	1.28	0.04	0.17	<2	1.04	0.033	4.58	0.001
616318	Rock Pulp	0.058	7	269	4.03	168	0.18	<20	1.45	0.02	0.08	<2	<0.05	0.004	3.81	0.001
616319	Rock Pulp	0.115	20	23	0.96	162	0.01	<20	1.33	0.03	0.18	<2	0.64	0.043	4.72	0.001
616320	Rock Pulp	0.100	16	24	0.91	106	0.04	<20	1.19	0.04	0.19	<2	1.18	0.024	4.64	<0.001
616321	Rock Pulp	0.101	18	20	0.96	103	0.03	<20	1.26	0.04	0.18	<2	1.67	0.129	5.32	0.005
616322	Rock Pulp	0.125	17	21	0.95	42	0.06	<20	1.18	0.04	0.19	<2	2.25	0.030	4.70	0.001
616323	Rock Pulp	0.105	22	19	0.83	138	0.04	<20	1.02	0.03	0.18	<2	1.07	0.015	3.90	<0.001
616324	Rock Pulp	0.097	18	21	0.83	61	0.03	<20	1.04	0.04	0.20	<2	1.96	0.016	4.07	<0.001
616325	Rock Pulp	0.144	21	27	0.90	19	<0.01	<20	1.17	0.03	0.20	<2	2.98	0.164	5.11	0.004
616326	Rock Pulp	0.194	25	20	1.07	56	0.02	<20	1.41	0.04	0.17	<2	2.46	0.068	5.76	0.002
616327	Rock Pulp	0.136	19	18	1.08	87	0.04	<20	1.34	0.03	0.16	<2	1.58	0.034	5.00	<0.001
616328	Rock Pulp	0.144	20	22	0.90	132	0.05	<20	1.17	0.04	0.19	<2	1.17	0.044	4.39	0.001
616329	Rock Pulp	0.090	15	24	0.72	176	0.04	<20	0.96	0.03	0.17	<2	0.93	0.039	4.07	0.001
616330	Rock Pulp	0.061	6	270	4.16	162	0.18	<20	1.42	0.02	0.07	<2	<0.05	0.004	3.87	0.001
616331	Rock Pulp	0.105	20	29	0.98	45	0.01	<20	1.25	0.04	0.16	<2	3.62	0.018	5.19	<0.001
616332	Rock Pulp	0.108	22	18	1.03	65	<0.01	<20	1.41	0.04	0.17	<2	2.54	0.012	5.05	<0.001
616333	Rock Pulp	0.133	21	79	0.99	57	<0.01	<20	1.52	0.03	0.11	<2	2.87	0.016	7.10	<0.001
616334	Rock Pulp	0.242	24	14	1.10	127	0.09	<20	1.52	0.05	0.19	<2	1.26	0.603	11.39	0.048
616335	Rock Pulp	0.125	21	14	1.34	28	<0.01	<20	1.73	0.03	0.08	<2	5.52	0.073	10.07	0.002
616336	Rock Pulp	0.119	19	15	1.24	37	0.02	<20	1.48	0.03	0.10	<2	3.84	0.061	6.94	0.002
616337	Rock Pulp	0.101	17	15	0.94	52	0.01	<20	1.21	0.03	0.14	<2	2.48	0.028	4.94	<0.001
616338	Rock Pulp	0.103	19	16	0.90	56	<0.01	<20	1.21	0.03	0.14	<2	2.53	0.029	5.20	0.001
616339	Rock Pulp	0.102	16	22	0.93	56	0.01	<20	1.29	0.03	0.17	<2	3.26	0.044	5.82	0.001
616340	Rock Pulp	0.122	19	17	1.01	50	<0.01	<20	1.37	0.03	0.15	<2	2.76	0.064	5.90	0.002
616341	Rock Pulp	0.106	19	14	0.89	43	<0.01	<20	1.28	0.03	0.13	<2	1.44	0.032	4.91	<0.001

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Project: Mount Polley
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CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616342	Rock Pulp	0.11	5	338	13	122	0.5	2	13	1571	4.17	16	<8	<2	<2	168	<0.5	<3	7	165	3.75
616343	Rock Pulp	<0.01	5	147	8	125	0.4	3	13	1742	3.50	3	<8	<2	<2	178	<0.5	<3	6	135	3.69
616344	Rock Pulp	0.02	5	172	7	115	<0.3	2	13	1820	3.69	8	<8	<2	<2	128	<0.5	<3	<3	147	3.78
616345	Rock Pulp	0.03	4	152	8	107	0.3	8	13	1722	3.56	8	<8	<2	<2	127	<0.5	<3	<3	138	3.48
616346	Rock Pulp	0.04	5	287	19	162	0.6	3	22	2371	6.97	23	<8	<2	<2	90	<0.5	<3	5	304	2.80
616347	Rock Pulp	0.03	5	263	12	143	0.6	2	14	1694	4.71	9	<8	<2	<2	253	<0.5	<3	3	208	2.55
616348	Rock Pulp	0.03	6	192	24	144	0.5	3	16	1673	5.11	13	<8	<2	<2	124	<0.5	<3	3	219	3.39
616349	Rock Pulp	<0.01	1	55	<3	51	<0.3	378	29	677	3.73	<2	<8	<2	<2	87	<0.5	<3	8	71	2.57
616350	Rock Pulp	0.02	5	258	12	128	0.6	2	14	1640	4.12	15	<8	<2	<2	114	<0.5	<3	4	166	3.42
616351	Rock Pulp	<0.01	5	106	10	135	<0.3	2	16	1976	4.96	15	<8	<2	<2	118	<0.5	<3	3	205	3.67
616352	Rock Pulp	0.01	4	105	19	234	<0.3	3	27	2436	9.12	21	<8	<2	<2	94	0.5	<3	<3	429	3.06
616353	Rock Pulp	<0.01	3	72	7	85	<0.3	2	10	1500	3.29	4	<8	<2	<2	184	<0.5	<3	<3	124	2.63
616354	Rock Pulp	<0.01	4	78	13	127	<0.3	2	14	1885	4.30	15	<8	<2	<2	135	<0.5	<3	<3	186	3.72
616355	Rock Pulp	0.59	11	5609	12	220	3.2	10	29	2183	9.50	41	<8	<2	<2	180	0.8	4	4	426	3.54
616356	Rock Pulp	<0.01	3	69	9	130	0.4	3	13	1895	3.91	14	<8	<2	<2	134	<0.5	<3	<3	176	3.48
616357	Rock Pulp	<0.01	2	78	4	82	<0.3	3	10	1434	2.63	4	<8	<2	<2	222	<0.5	<3	<3	98	2.63
616358	Rock Pulp	<0.01	2	91	4	88	<0.3	3	11	1826	3.03	7	<8	<2	<2	242	<0.5	<3	<3	123	3.13
616359	Rock Pulp	<0.01	3	130	6	93	<0.3	3	11	1481	3.20	4	<8	<2	<2	167	<0.5	<3	<3	143	3.86
616360	Rock Pulp	<0.01	2	128	5	107	0.5	3	12	1652	3.54	5	<8	<2	<2	231	<0.5	<3	3	151	3.78
616361	Rock Pulp	0.57	13	5824	13	229	3.4	11	30	2245	9.93	41	<8	<2	2	185	0.8	<3	<3	446	3.65
616362	Rock Pulp	<0.01	2	130	6	101	0.4	4	12	1613	3.28	6	<8	<2	<2	245	<0.5	<3	<3	143	3.53
616363	Rock Pulp	<0.01	2	110	6	92	0.4	3	12	1631	3.46	13	<8	<2	<2	264	<0.5	<3	<3	149	4.13
616364	Rock Pulp	<0.01	2	135	6	76	0.4	2	9	1341	2.67	7	<8	<2	<2	209	<0.5	<3	3	118	3.09
616365	Rock Pulp	<0.01	2	99	6	72	<0.3	2	9	1349	2.47	6	<8	<2	<2	257	<0.5	<3	<3	98	2.62
616366	Rock Pulp	<0.01	2	100	8	72	0.3	2	9	1358	2.61	6	<8	<2	<2	255	<0.5	<3	<3	103	2.70
616367	Rock Pulp	<0.01	<1	142	23	80	<0.3	66	18	1683	4.07	21	<8	<2	<2	326	<0.5	<3	<3	137	4.76
616368	Rock Pulp	<0.01	<1	183	30	71	<0.3	3	14	1611	3.85	16	<8	<2	<2	298	<0.5	<3	4	152	4.67
616369	Rock Pulp	0.07	<1	1864	21	95	1.4	9	12	1628	3.02	12	<8	<2	<2	223	<0.5	<3	4	103	4.18
616370	Rock Pulp	<0.01	2	144	93	80	<0.3	3	15	1565	3.86	19	<8	<2	<2	248	<0.5	<3	<3	150	3.91
616371	Rock Pulp	0.02	2	237	246	81	0.6	3	16	1439	4.10	19	<8	<2	<2	196	<0.5	<3	<3	153	2.90

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CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616342	Rock Pulp	0.120	18	12	0.72	68	0.02	<20	1.16	0.02	0.18	<2	0.92	0.034	4.72	<0.001
616343	Rock Pulp	0.116	16	16	1.09	48	0.04	<20	1.25	0.02	0.19	<2	0.10	0.014	4.04	<0.001
616344	Rock Pulp	0.108	19	19	0.86	74	0.01	<20	1.21	0.03	0.20	<2	0.44	0.016	4.32	<0.001
616345	Rock Pulp	0.097	18	22	0.94	82	0.01	<20	1.07	0.03	0.19	<2	0.49	0.014	4.19	<0.001
616346	Rock Pulp	0.147	21	15	1.11	42	<0.01	<20	1.43	0.02	0.12	<2	3.14	0.029	7.93	0.001
616347	Rock Pulp	0.123	18	21	0.85	82	0.02	<20	1.13	0.03	0.17	<2	0.59	0.026	5.50	<0.001
616348	Rock Pulp	0.181	22	17	0.77	64	0.01	<20	1.12	0.03	0.19	<2	1.35	0.019	5.97	<0.001
616349	Rock Pulp	0.065	6	271	4.15	187	0.20	<20	1.49	0.03	0.07	<2	<0.05	0.005	4.04	0.002
616350	Rock Pulp	0.130	21	15	0.81	83	<0.01	<20	1.16	0.03	0.19	<2	0.92	0.024	4.74	0.001
616351	Rock Pulp	0.143	21	13	0.83	81	<0.01	<20	1.11	0.02	0.19	<2	0.93	0.010	5.67	<0.001
616352	Rock Pulp	0.112	16	12	1.05	59	0.01	<20	1.29	0.03	0.13	<2	2.43	0.010	10.65	<0.001
616353	Rock Pulp	0.123	17	11	0.98	40	<0.01	<20	1.16	0.02	0.25	<2	0.10	0.007	3.81	<0.001
616354	Rock Pulp	0.175	23	16	1.00	62	<0.01	<20	1.30	0.04	0.18	<2	1.34	0.008	4.86	<0.001
616355	Rock Pulp	0.230	25	15	1.02	117	0.07	<20	1.46	0.05	0.19	<2	1.18	0.592	11.34	0.037
616356	Rock Pulp	0.146	22	22	1.00	48	<0.01	<20	1.26	0.04	0.14	<2	0.88	0.007	4.74	<0.001
616357	Rock Pulp	0.110	17	15	0.97	41	<0.01	<20	1.12	0.02	0.17	<2	<0.05	0.008	3.53	<0.001
616358	Rock Pulp	0.123	16	16	1.31	60	0.03	<20	1.38	0.02	0.20	<2	0.22	0.009	4.00	<0.001
616359	Rock Pulp	0.119	16	17	1.01	50	0.04	<20	1.27	0.03	0.19	<2	0.14	0.012	3.81	0.001
616360	Rock Pulp	0.137	18	17	0.98	34	<0.01	<20	1.25	0.02	0.21	<2	0.08	0.012	4.61	<0.001
616361	Rock Pulp	0.236	25	16	1.04	127	0.08	<20	1.55	0.06	0.20	<2	1.25	0.608	11.47	0.042
616362	Rock Pulp	0.136	14	23	1.00	38	0.06	<20	1.19	0.02	0.24	<2	<0.05	0.013	4.25	0.002
616363	Rock Pulp	0.137	16	18	0.89	37	0.04	<20	1.13	0.02	0.20	<2	0.18	0.010	5.21	0.001
616364	Rock Pulp	0.098	16	15	0.68	65	0.01	<20	0.94	0.02	0.20	<2	0.13	0.013	3.82	0.001
616365	Rock Pulp	0.101	12	12	0.79	65	0.02	<20	0.81	0.02	0.19	<2	0.08	0.010	3.64	0.003
616366	Rock Pulp	0.103	13	10	0.74	61	0.03	<20	0.82	0.02	0.20	<2	0.10	0.010	3.48	0.003
616367	Rock Pulp	0.148	15	60	1.84	258	0.01	<20	1.90	0.03	0.18	<2	0.61	0.015	4.74	<0.001
616368	Rock Pulp	0.164	16	10	1.12	393	<0.01	<20	1.59	0.03	0.26	<2	0.38	0.019	4.47	<0.001
616369	Rock Pulp	0.118	21	15	0.95	243	0.01	<20	1.34	0.02	0.21	<2	0.80	0.192	3.54	0.004
616370	Rock Pulp	0.158	16	8	1.18	224	<0.01	<20	1.75	0.03	0.29	<2	0.89	0.015	4.56	<0.001
616371	Rock Pulp	0.171	18	7	1.22	91	<0.01	20	1.79	0.04	0.27	<2	1.16	0.023	4.64	<0.001

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Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616372	Rock Pulp	0.14	<1	4133	8	98	4.0	2	11	2212	3.57	11	<8	<2	<2	147	<0.5	<3	6	154	5.20
616373	Rock Pulp	0.52	<1	9701	12	148	10.0	3	15	2506	3.93	13	<8	<2	<2	161	<0.5	<3	3	159	5.66
616374	Rock Pulp	0.28	<1	3392	11	106	4.5	92	18	1896	3.73	15	<8	<2	<2	324	<0.5	<3	<3	134	4.35
616375	Rock Pulp	<0.01	1	57	<3	58	<0.3	386	29	712	3.69	2	<8	<2	<2	95	<0.5	<3	3	72	2.59
616376	Rock Pulp	0.04	<1	902	14	98	1.0	2	10	1523	3.11	16	<8	<2	<2	219	<0.5	<3	<3	106	3.69
616377	Rock Pulp	0.02	<1	446	32	90	0.5	1	8	1351	2.59	15	<8	<2	<2	170	<0.5	<3	<3	83	3.27
616378	Rock Pulp	0.12	<1	2158	10	118	1.9	3	11	1699	3.18	13	<8	<2	<2	136	<0.5	<3	<3	105	4.06
616379	Rock Pulp	0.05	<1	1497	13	123	1.0	2	11	2025	3.29	13	<8	<2	<2	156	<0.5	<3	<3	106	5.08
616380	Rock Pulp	0.05	<1	1195	12	144	1.2	3	13	2120	3.58	14	<8	<2	<2	191	<0.5	<3	<3	128	5.21
616381	Rock Pulp	0.07	<1	1566	11	153	1.1	2	13	2245	3.82	13	<8	<2	<2	190	<0.5	<3	4	146	5.24
616382	Rock Pulp	0.05	<1	1327	10	136	0.9	2	12	2002	3.43	12	<8	<2	<2	169	<0.5	<3	3	136	5.10
616383	Rock Pulp	0.09	1	1627	13	143	1.2	3	14	1866	3.86	17	<8	<2	<2	178	<0.5	<3	4	163	5.59
616384	Rock Pulp	<0.01	1	76	5	75	<0.3	371	35	1674	4.74	8	<8	<2	<2	800	<0.5	<3	7	142	2.55
616385	Rock Pulp	<0.01	5	275	7	79	0.4	20	18	1129	4.22	82	<8	<2	<2	522	<0.5	<3	<3	154	2.09
616386	Rock Pulp	<0.01	4	281	7	86	<0.3	21	17	1069	4.09	74	<8	<2	<2	514	<0.5	<3	3	148	2.08
616387	Rock Pulp	0.02	14	549	23	100	0.8	156	18	1532	3.54	21	<8	<2	<2	314	0.9	<3	4	128	3.86
616388	Rock Pulp	<0.01	1	27	5	51	<0.3	525	50	1746	4.59	9	<8	<2	<2	908	<0.5	<3	5	104	5.00
616389	Rock Pulp	<0.01	1	32	4	66	<0.3	625	43	2629	4.32	4	<8	<2	<2	742	0.7	<3	<3	110	8.46
616390	Rock Pulp	0.02	<1	417	17	62	0.6	6	11	1447	2.39	19	<8	<2	<2	240	<0.5	<3	<3	81	5.24
616391	Rock Pulp	<0.01	2	47	33	73	<0.3	4	10	1198	2.71	8	<8	<2	<2	188	<0.5	<3	<3	91	3.35
616392	Rock Pulp	<0.01	2	145	24	58	<0.3	3	7	1248	2.38	18	<8	<2	<2	176	<0.5	<3	<3	71	3.55
616393	Rock Pulp	<0.01	1	47	<3	57	<0.3	398	33	755	3.79	<2	<8	<2	<2	91	<0.5	<3	<3	83	2.58
616394	Rock Pulp	0.02	2	493	19	53	0.5	3	8	1191	2.30	48	<8	<2	<2	189	0.5	<3	<3	53	3.16
616395	Rock Pulp	0.03	2	748	20	72	0.6	2	9	1690	3.25	18	<8	<2	2	200	<0.5	<3	<3	109	4.26
616396	Rock Pulp	0.62	13	5835	11	223	3.0	12	31	2318	9.87	40	<8	<2	2	190	<0.5	<3	<3	475	3.68
616397	Rock Pulp	0.06	2	1195	19	118	0.5	3	14	1936	3.60	23	<8	<2	<2	191	<0.5	<3	<3	119	4.34
616398	Rock Pulp	0.06	<1	1683	10	126	0.8	3	13	2092	3.39	15	<8	<2	<2	168	<0.5	<3	<3	128	4.78
616399	Rock Pulp	0.02	<1	532	7	112	0.5	2	12	2042	3.18	15	<8	<2	<2	230	<0.5	<3	<3	111	5.23
616400	Rock Pulp	0.04	1	889	8	107	0.7	3	11	2059	2.94	10	<8	<2	<2	185	<0.5	<3	<3	112	4.92
616401	Rock Pulp	0.04	<1	666	10	116	0.7	4	13	1851	3.35	12	<8	<2	<2	168	<0.5	<3	<3	117	4.00

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Project: Mount Polley
Report Date: November 13, 2009

CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
	MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616372	Rock Pulp	0.111	26	16	1.01	165	0.02	<20	1.41	0.04	0.15	<2	1.06	0.416	4.02	0.012
616373	Rock Pulp	0.134	27	13	1.20	84	0.03	<20	1.40	0.03	0.12	5	1.42	1.049	4.62	0.021
616374	Rock Pulp	0.128	19	72	2.42	58	0.06	<20	1.79	0.03	0.22	<2	1.19	0.328	3.93	0.007
616375	Rock Pulp	0.067	8	286	4.20	195	0.20	<20	1.60	0.03	0.07	<2	<0.05	0.006	4.02	0.001
616376	Rock Pulp	0.111	23	9	1.01	151	<0.01	<20	1.38	0.03	0.24	<2	1.30	0.087	3.24	0.003
616377	Rock Pulp	0.081	22	16	0.68	181	<0.01	<20	1.10	0.03	0.24	<2	1.10	0.041	2.59	0.001
616378	Rock Pulp	0.102	26	15	0.76	84	<0.01	<20	1.16	0.04	0.17	<2	1.40	0.199	3.23	0.005
616379	Rock Pulp	0.110	27	13	0.70	158	<0.01	<20	1.19	0.03	0.17	<2	1.42	0.139	3.29	0.003
616380	Rock Pulp	0.132	28	13	0.86	213	<0.01	<20	1.42	0.03	0.20	<2	0.96	0.110	3.65	0.003
616381	Rock Pulp	0.138	27	17	1.02	186	0.01	<20	1.44	0.03	0.18	<2	1.03	0.154	4.33	0.005
616382	Rock Pulp	0.153	28	12	1.07	120	<0.01	<20	1.38	0.03	0.13	<2	1.16	0.133	3.93	0.004
616383	Rock Pulp	0.161	27	9	1.25	95	0.03	<20	1.47	0.04	0.12	<2	1.17	0.164	4.46	0.005
616384	Rock Pulp	0.161	15	342	6.94	766	0.19	<20	3.45	0.05	0.17	<2	0.15	0.008	5.23	<0.001
616385	Rock Pulp	0.161	18	75	3.63	346	0.11	<20	2.37	0.05	0.08	<2	0.40	0.026	4.70	0.001
616386	Rock Pulp	0.155	17	78	3.40	533	0.11	<20	2.28	0.06	0.08	<2	0.43	0.027	4.49	0.001
616387	Rock Pulp	0.111	18	147	3.33	96	0.09	<20	2.00	0.03	0.10	<2	1.16	0.055	3.78	0.001
616388	Rock Pulp	0.115	11	425	7.38	426	0.17	<20	3.21	0.04	0.31	<2	0.07	0.003	5.21	<0.001
616389	Rock Pulp	0.126	13	451	6.79	238	0.16	<20	3.48	0.03	0.34	<2	<0.05	0.003	5.04	<0.001
616390	Rock Pulp	0.097	18	12	0.68	130	<0.01	<20	0.95	0.03	0.21	<2	0.72	0.042	2.78	0.001
616391	Rock Pulp	0.092	15	22	0.70	413	<0.01	<20	0.92	0.05	0.25	<2	0.40	0.004	2.84	<0.001
616392	Rock Pulp	0.086	17	15	0.55	166	<0.01	<20	0.50	0.04	0.24	<2	0.80	0.013	2.40	0.001
616393	Rock Pulp	0.070	8	324	4.77	214	0.25	<20	1.74	0.03	0.09	<2	<0.05	0.004	4.06	0.001
616394	Rock Pulp	0.083	18	10	0.59	72	<0.01	<20	0.50	0.03	0.26	<2	1.24	0.049	2.43	0.004
616395	Rock Pulp	0.102	25	6	0.51	36	<0.01	<20	0.65	0.02	0.22	<2	1.61	0.074	3.51	0.003
616396	Rock Pulp	0.246	24	15	1.10	114	0.09	<20	1.49	0.05	0.20	<2	1.23	0.605	11.37	0.035
616397	Rock Pulp	0.138	23	9	0.84	69	<0.01	<20	1.08	0.03	0.24	<2	1.55	0.122	4.22	0.004
616398	Rock Pulp	0.120	25	19	1.05	86	0.04	<20	1.19	0.04	0.19	<2	1.11	0.171	4.02	0.007
616399	Rock Pulp	0.141	23	12	1.00	173	0.03	<20	1.22	0.02	0.24	<2	0.77	0.053	3.75	0.003
616400	Rock Pulp	0.110	26	10	0.94	96	<0.01	<20	1.05	0.03	0.14	<2	0.85	0.089	3.49	0.003
616401	Rock Pulp	0.114	25	22	0.99	49	<0.01	<20	1.10	0.04	0.17	<2	1.09	0.064	3.72	0.003

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CERTIFICATE OF ANALYSIS VAN09005199.1

	Method	G6	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	gm/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
616402	Rock Pulp	0.05	<1	1271	10	138	0.8	3	14	2354	3.81	15	<8	<2	<2	184	<0.5	<3	<3	150	5.41
616403	Rock Pulp	0.04	<1	1017	4	140	0.7	3	13	2138	3.52	9	<8	<2	2	196	<0.5	<3	<3	137	5.01
616404	Rock Pulp	0.02	2	469	12	99	<0.3	22	14	1541	3.49	14	<8	<2	<2	196	<0.5	<3	<3	96	4.70
616405	Rock Pulp	<0.01	1	44	3	54	<0.3	381	31	725	3.60	<2	<8	<2	<2	86	<0.5	<3	<3	76	2.48
616406	Rock Pulp	<0.01	<1	156	10	97	<0.3	14	9	2271	2.93	4	<8	<2	<2	265	<0.5	<3	<3	83	6.14
616407	Rock Pulp	<0.01	<1	197	11	70	<0.3	7	6	1184	2.01	5	<8	<2	<2	255	<0.5	<3	<3	56	2.47
616408	Rock Pulp	0.01	<1	294	11	88	<0.3	2	7	1363	2.52	10	<8	<2	<2	177	<0.5	<3	<3	82	3.89
616409	Rock Pulp	0.02	<1	456	13	79	0.4	2	9	1530	2.74	13	<8	<2	2	167	<0.5	<3	<3	71	3.69
616410	Rock Pulp	0.62	13	6117	11	230	3.0	12	33	2397	10.44	43	<8	<2	<2	199	<0.5	<3	<3	500	4.10
616411	Rock Pulp	0.02	<1	494	13	83	0.6	2	8	1314	2.42	11	<8	<2	2	182	<0.5	<3	<3	60	3.54
616412	Rock Pulp	0.02	<1	488	9	83	0.5	2	7	1800	2.57	10	<8	<2	2	149	<0.5	<3	<3	76	4.40
616413	Rock Pulp	0.05	<1	797	15	90	0.9	4	12	1798	3.62	36	<8	<2	<2	134	<0.5	3	<3	106	3.82
616414	Rock Pulp	0.07	<1	1015	12	95	0.8	7	13	1934	3.49	12	<8	<2	<2	220	<0.5	<3	<3	152	5.41
616415	Rock Pulp	0.09	1	1037	13	95	0.8	4	14	1879	3.46	10	<8	<2	<2	206	<0.5	<3	<3	127	4.65
616416	Rock Pulp	<0.01	<1	73	8	91	<0.3	254	36	2701	5.27	13	9	<2	<2	592	<0.5	<3	5	170	6.86
616417	Rock Pulp	0.02	2	179	22	98	0.4	64	18	1489	3.92	30	<8	<2	<2	201	0.5	<3	<3	138	4.15
616418	Rock Pulp	0.01	1	106	33	113	0.5	28	14	1414	3.94	26	<8	<2	<2	150	<0.5	<3	<3	114	3.47
616419	Rock Pulp	0.03	<1	445	6	87	<0.3	4	12	1766	3.22	11	<8	<2	<2	207	<0.5	<3	<3	139	5.48
616420	Rock Pulp	0.09	<1	619	7	159	0.4	3	18	2157	4.86	13	<8	<2	<2	208	<0.5	<3	<3	226	5.80
616421	Rock Pulp	0.06	30	585	15	114	0.8	3	14	1649	4.00	22	<8	<2	<2	148	<0.5	<3	<3	139	4.40
616422	Rock Pulp	0.04	4	665	9	94	0.4	2	9	2142	3.26	12	<8	<2	2	190	<0.5	<3	<3	118	5.93
616423	Rock Pulp	0.03	<1	507	5	71	0.5	2	12	2082	3.04	13	<8	<2	2	199	<0.5	<3	<3	131	6.22
616424	Rock Pulp	0.04	6	674	8	62	0.5	2	9	1678	3.17	15	<8	<2	<2	144	<0.5	<3	<3	141	4.50
616425	Rock Pulp	0.05	3	717	7	68	0.5	3	9	1757	3.08	13	<8	<2	<2	144	<0.5	<3	<3	142	4.22
616426	Rock Pulp	0.03	<1	531	7	112	0.3	2	8	1349	2.52	6	<8	<2	<2	118	1.5	<3	<3	114	2.89
616427	Rock Pulp	0.03	<1	701	3	81	0.6	2	8	1602	2.80	7	<8	<2	<2	141	0.5	<3	<3	132	4.43
616428	Rock Pulp	0.59	12	5950	15	230	3.0	12	31	2315	10.49	40	<8	<2	<2	190	1.8	<3	<3	481	3.67

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CERTIFICATE OF ANALYSIS VAN09005199.1

Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7AR	7AR_Imperial	
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Cu	Fe	Cu/Ox
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%	%	%
MDL		0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.001	0.01	0.001
616402	Rock Pulp	0.140	28	14	1.08	59	0.05	<20	1.28	0.03	0.18	<2	1.17	0.124	4.20	0.004
616403	Rock Pulp	0.129	26	15	1.03	246	0.01	<20	1.18	0.03	0.18	<2	0.68	0.098	3.94	0.005
616404	Rock Pulp	0.134	17	16	1.04	283	<0.01	<20	0.63	0.03	0.21	<2	0.49	0.045	3.85	0.010
616405	Rock Pulp	0.066	8	303	4.58	199	0.22	<20	1.63	0.02	0.08	<2	<0.05	0.004	4.02	0.001
616406	Rock Pulp	0.078	13	16	1.82	615	<0.01	<20	0.43	0.02	0.13	<2	0.28	0.015	3.34	0.002
616407	Rock Pulp	0.075	17	8	0.67	325	<0.01	<20	0.48	0.03	0.21	<2	0.48	0.019	2.33	0.004
616408	Rock Pulp	0.087	20	11	0.45	167	0.02	<20	0.58	0.03	0.20	<2	0.77	0.029	2.90	0.004
616409	Rock Pulp	0.091	20	13	0.63	131	<0.01	<20	0.52	0.03	0.23	<2	1.18	0.043	2.75	0.008
616410	Rock Pulp	0.254	25	15	1.13	121	0.10	<20	1.67	0.05	0.22	<2	1.33	0.613	11.42	0.029
616411	Rock Pulp	0.079	21	9	0.35	118	0.01	<20	0.65	0.03	0.25	<2	1.11	0.047	2.45	0.004
616412	Rock Pulp	0.073	20	14	1.09	220	<0.01	<20	0.45	0.03	0.19	<2	0.75	0.047	2.70	0.010
616413	Rock Pulp	0.110	22	11	1.18	58	<0.01	<20	0.45	0.04	0.13	<2	1.86	0.079	3.81	0.014
616414	Rock Pulp	0.149	22	15	0.96	177	0.02	<20	1.00	0.03	0.15	<2	0.89	0.101	3.97	0.009
616415	Rock Pulp	0.144	20	10	1.09	89	0.01	<20	0.97	0.03	0.14	<2	1.07	0.103	4.00	0.010
616416	Rock Pulp	0.233	17	293	5.18	277	0.24	<20	2.89	0.02	0.16	<2	0.14	0.007	6.02	0.001
616417	Rock Pulp	0.132	15	90	2.18	65	0.08	<20	1.66	0.03	0.07	<2	1.88	0.017	4.32	<0.001
616418	Rock Pulp	0.133	13	28	1.41	62	0.01	<20	1.34	0.05	0.12	<2	1.71	0.010	4.17	<0.001
616419	Rock Pulp	0.143	23	10	0.86	153	<0.01	<20	1.12	0.03	0.16	<2	0.96	0.040	3.55	0.004
616420	Rock Pulp	0.143	25	9	1.07	98	0.01	<20	1.33	0.03	0.16	<2	0.75	0.060	6.91	0.003
616421	Rock Pulp	0.125	22	9	0.72	38	<0.01	<20	0.82	0.03	0.14	<2	2.28	0.057	4.53	0.004
616422	Rock Pulp	0.119	24	12	1.12	134	<0.01	<20	0.84	0.03	0.21	<2	0.87	0.065	3.60	0.008
616423	Rock Pulp	0.147	26	10	0.95	102	<0.01	<20	1.18	0.03	0.23	<2	0.73	0.049	3.48	0.003
616424	Rock Pulp	0.115	23	12	0.81	147	0.02	<20	1.15	0.03	0.14	<2	0.91	0.065	3.41	0.002
616425	Rock Pulp	0.125	23	14	0.90	91	0.02	<20	1.26	0.03	0.15	<2	0.82	0.073	3.58	0.002
616426	Rock Pulp	0.096	17	19	0.69	223	0.03	<20	0.82	0.03	0.16	<2	0.37	0.053	3.13	0.003
616427	Rock Pulp	0.097	20	19	0.75	171	0.02	<20	0.88	0.03	0.14	<2	0.77	0.069	3.16	0.004
616428	Rock Pulp	0.251	25	14	1.11	80	0.08	<20	1.47	0.05	0.19	<2	1.28	0.593	11.35	0.061