

Assessment Report

**BC Geological Survey
Assessment Report
31091**

**Rock Geochemistry
and
Geological Mapping
on the
Logan Property**

Lillooet Mining Division

92J/14

**UTM Zone 10 NAD83
472000E 5627000N**

**50⁰ 48' North Latitude
123⁰ 23' West Longitude**

For

Paget Moly Corporation

By

**John Bradford
P.Geol**

December 2008

Table of Contents

Introduction.....	3
Location and Access	3
Physiography, Climate and Vegetation.....	3
Claims and Ownership.....	3
Exploration History.....	7
Regional Geological Setting	8
Property Geology	10
Structure.....	10
Mineralization and Alteration	10
Work Completed 2008	11
Rock Geochemistry.....	11
Conclusions and Recommendations	12
References.....	14
Appendix A Statement of Qualifications.....	16
Appendix B Statement of Costs.....	18
Appendix C Rock Samples	19
Appendix D Analytical Certificates.....	20

List of Figures

Figure 1	Location Map
Figure 2	Claim Map
Figure 3	Regional Geology
Figure 4	Property Geology, Mineralized Zones and Rock Samples (1:20,000)

List of Tables

Table 1	Claim Status
Table 2	Historical exploration work in the Logan Property area

Rock Geochemistry and Geological Mapping on the Logan Property

Introduction

The Logan Property was examined by the author, geologist Tony Barresi and prospector John Fleishman, on August 3 and 6, 2008. The purpose of the visit was to evaluate the economic potential of the claims by validating the location, style and potential of known mineralization as presented by previous workers in the area. Representative rock samples were collected from mineralized outcrops. Costs for the project including report writing are summarized in Appendix B.

Location and Access

The Logan Property is located 65 kilometres northwest of Pemberton in the Coast Mountains of southwestern B.C. The property is located in NTS 92J/14, latitude 50°48'N, longitude 123°23'W. Access is by helicopter from Pemberton, or from Lillooet, 100 km to the east. Road access for helicopter staging is possible to within 5 kilometres from the northern property boundary, with road connections from Lillooet (on B.C. Highway 12) via the Bridge River/Carpenter Lake road to Gold Bridge, then south on the Hurley River Forest Service Road, west on the Bridge River Forest Service road on the south side of Downton Lake, and up the upper Bridge River valley. On the south side of the property, logging roads extend part of the way up Salal Creek from the Upper Lillooet Forest Service Road, which connects to B.C. Highway 99 via Pemberton and Pemberton Meadows.

Physiography, Climate and Vegetation

The property straddles the divide between the upper Bridge and Lillooet Rivers, a mountainous, glacier-strewn area capped by Ochre Mountain (2541 metres). Elevations range from 1400 metres in the southwestern corner of the property to 2541 meters, on the east side of the property. The entire property is in alpine terrain, with little or no vegetation and large areas covered by moraine and outwash from retreating glaciers. Climate is typical of the high southern Coast Mountains, with substantial winter snow accumulations.

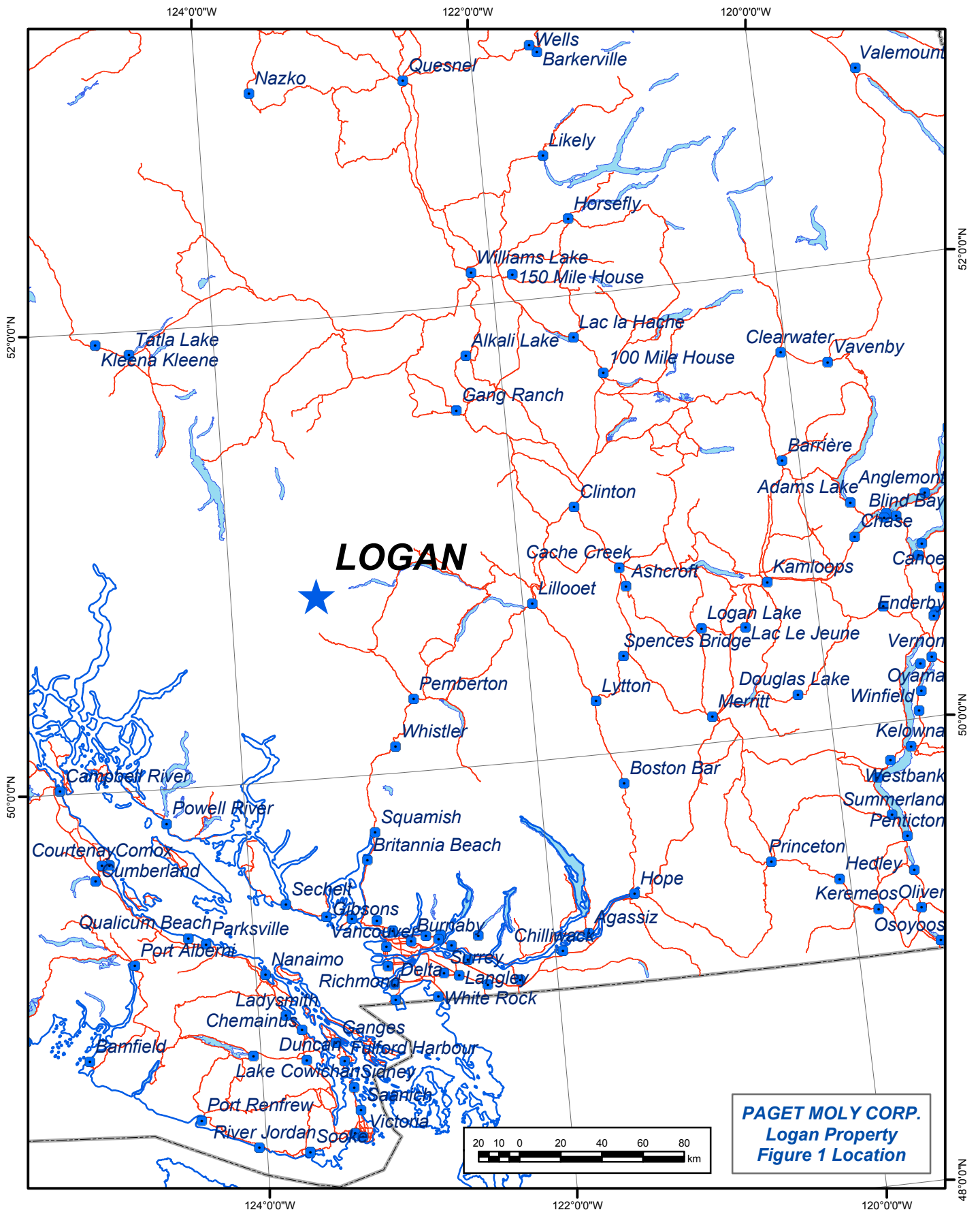
Claims and Ownership

The Logan Property consists of 13 contiguous claims which total 3923 hectares, as indicated on Figure 2. They are owned 100% by Paget Moly Corporation (BCE ID

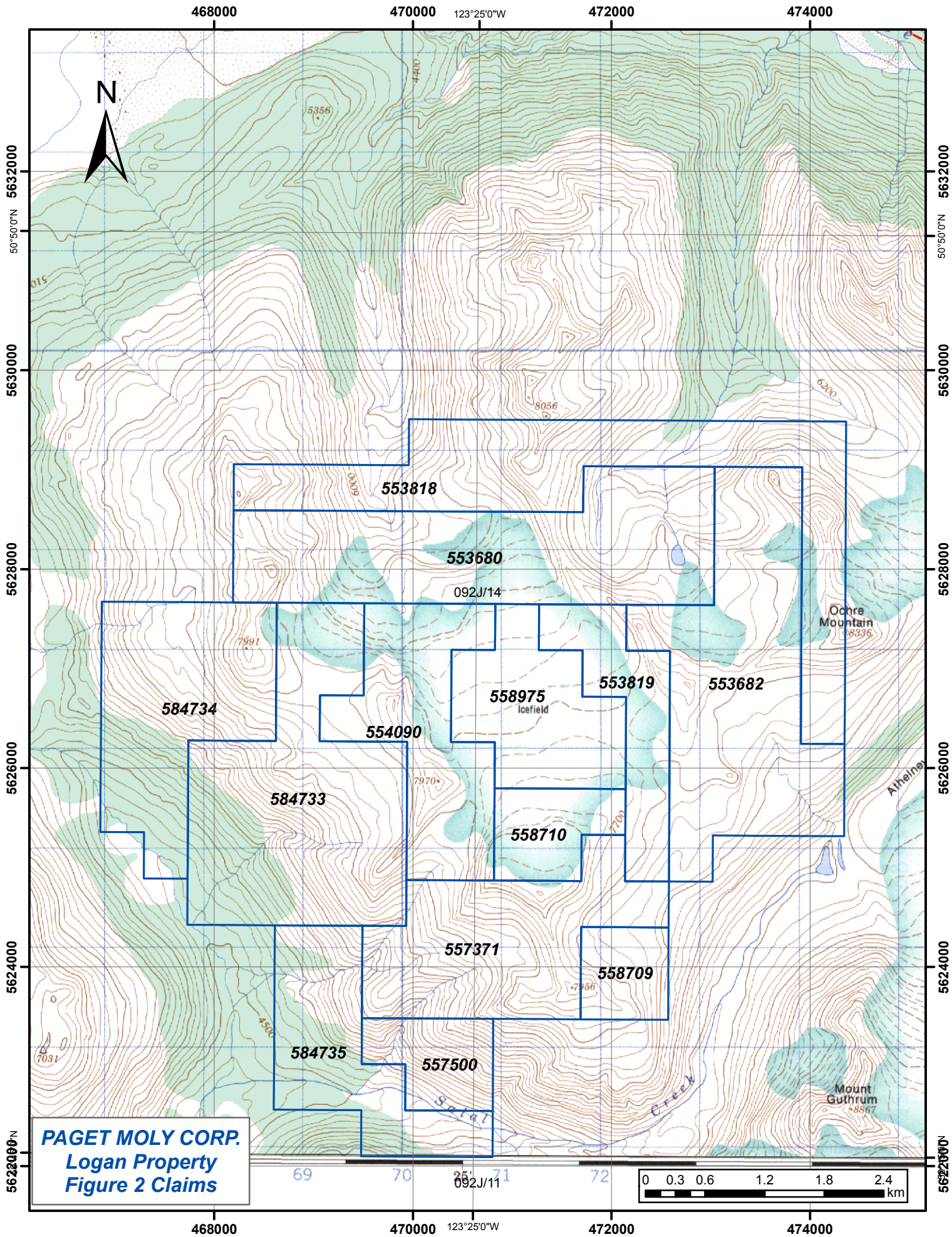
number 201036) of 1160-1040 W. Georgia St., Vancouver, BC. The claims are currently valid until May 21, 2009.

Table 1: Claim Status

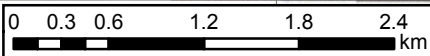
Tenure	Claim Name	Owner	Good To Date	Status	Area
584735	SAL WEST 3	213190 (100%)	2009/may/21	GOOD	245.339
584734	SAL WEST 2	213190 (100%)	2009/may/21	GOOD	347.337
584733	SAL WEST 1	213190 (100%)	2009/may/21	GOOD	510.879
553680	SAL 1	213190 (100%)	2009/aug/15	GOOD	510.629
553818	SAL 3	213190 (100%)	2009/aug/15	GOOD	490.154
553819	SAL 4	213190 (100%)	2009/aug/15	GOOD	163.453
558710	SL-2	213190 (100%)	2009/aug/15	GOOD	102.18
557371	SAL 6	213190 (100%)	2009/aug/15	GOOD	347.488
553682	SAL 2	213190 (100%)	2009/aug/15	GOOD	510.756
557500	SAL 7	213190 (100%)	2009/aug/15	GOOD	102.226
554090	SAL 5	213190 (100%)	2009/aug/15	GOOD	286.055
558709	SL-1	213190 (100%)	2009/aug/15	GOOD	81.767
558975	SL-3	213190 (100%)	2009/aug/15	GOOD	224.744
					3923.0



PAGET MOLY CORP.
Logan Property
Figure 1 Location



PAGET MOLY CORP.
Logan Property
Figure 2 Claims



Exploration History

The Logan Property covers most of the Salal Creek porphyry molybdenum prospect, which has been explored intermittently since its discovery in 1960 by Phelps Dodge during airborne reconnaissance. A detailed exploration history is summarized by Kikauka (1996a) and will not be repeated here. Previous work is documented in 14 assessment reports available on the B.C. Ministry of Mines ARIS website (<http://www.em.gov.bc.ca/cf/aris/>).

Table 2: Historical exploration work in the Logan Property area.

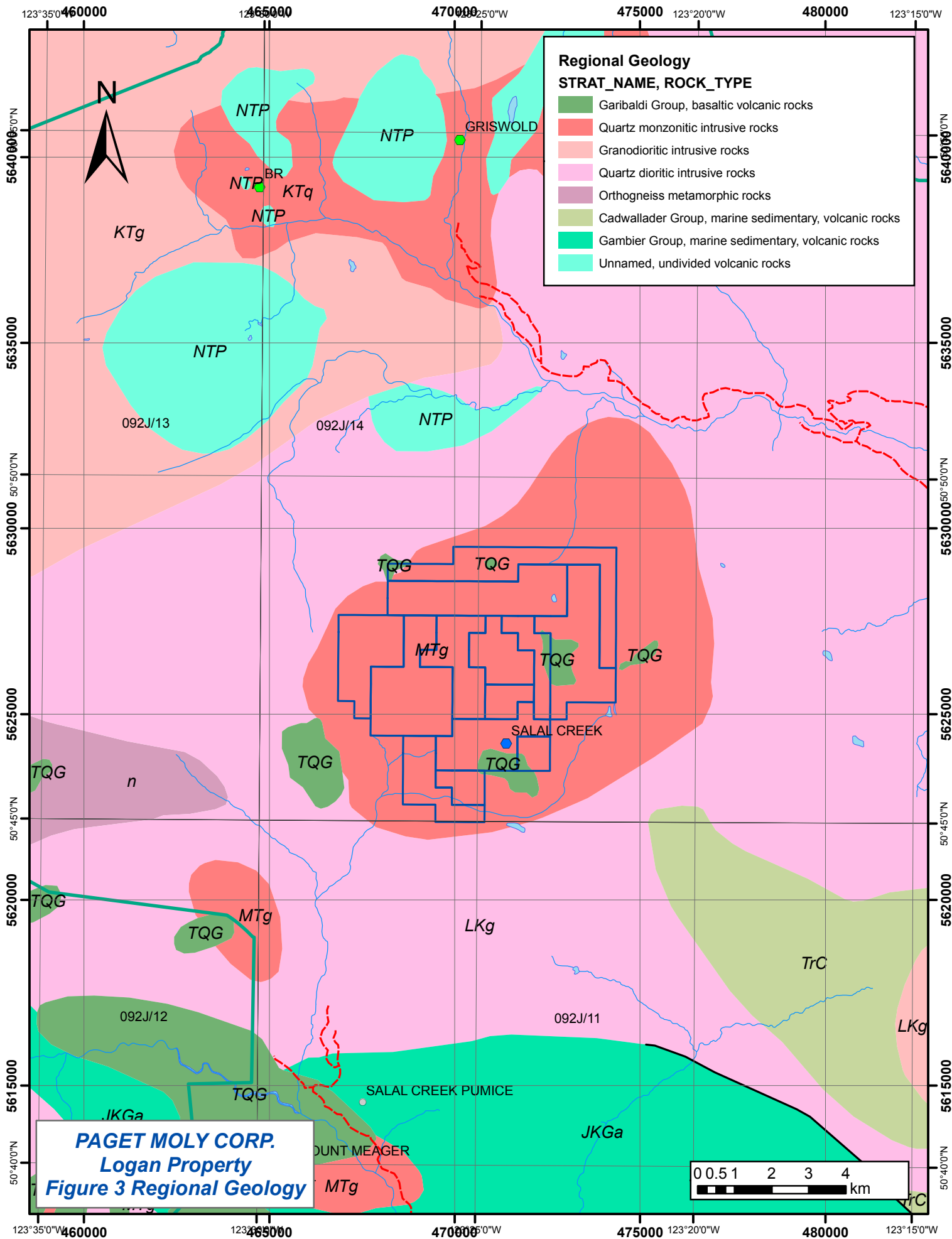
Report #	Year Work Done	Company	Work Done
709	1965	Southwest Potash	Rock sampling (231 samples), geological mapping
2741	1970	Cerro Mining	Rock sampling (140 samples), silt sampling (112 samples), geological mapping
2878	1970	Silver Standard	Airborne geophysics
3275	1971	Cerro Mining	Ground magnetics
3370	1971	Cerro Mining	Geological mapping
5948	1976	BP Minerals	IP, magnetics
6345	1977	BHP-Utah Mines	Topographical Mapping/orthophoto
6355	1976	BP Minerals	Diamond Drilling
6759	1977	BHP-Utah Mines	Rock sampling (392 samples), geological mapping, petrography, photogrammetric
6999	1978	BHP-Utah Mines	Rock sampling (578 samples), geological mapping

7557	1979	BHP-Utah Mines	Diamond Drilling
12798	1984	BP Minerals	Silt sample re-analysis
24684	1996	Verdstone Gold Corp.	Rock sampling (374 samples), geological mapping, diamond drilling (2 DH)
24819	1996	Verdstone Gold Corp.	Rock sampling (662 samples), soil sampling (47 samples), geological mapping, diamond drilling (2 DH)

Regional Geological Setting

The region is primarily underlain by granitic plutons of the Coast Plutonic Complex along the western margin of Stikine and Cadwallader terranes. Plutonic rocks in the area are varied in composition and range in age from Jurassic to Tertiary. Plutonic rocks of the have intruded into Upper Triassic metavolcanic rocks of the Cadwallader Group and, to the west of these rocks, into Lower Cretaceous volcanic rocks of the Fire Lake, or Gambier Group. Overlying the plutonic and volcanic rocks are basalt flows of the Pleistocene Garabaldi Group.

The Logan area is underlain by a quartz monzonite body, the Salal Creek stock, which covers an area of about 60 square kilometres and is both texturally and compositionally zoned. These zones are: i) a coarse grained marginal phase; ii) a medium grained intermediate phase; iii) a fine grained core phase; and iv) an irregularly distributed quartz feldspar porphyry phase. Aplite dykes and irregularly shaped masses of quartz-alkali feldspar pegmatite occur throughout the stock.



Property Geology

The Salal Creek stock is a concentrically zoned granitic pluton about 8 km across and 11 km long. A fine grained equigranular to subporphyritic biotite granite core phase up to 3 km across intrudes a coarse grained biotite granite marginal phase. The outer phase contains subequal amounts of quartz, K-feldspar and plagioclase and 3-5% biotite; grain size varies from 2-3 mm. Subrounded mafic metamorphic inclusions are widespread and locally abundant. The fine-grained (<1 mm) core phase is quartz-rich and locally contains rounded 1-2 mm quartz phenocrysts. Biotite is present, where not altered to sericite-pyrite, but is less abundant than in the marginal phase.

The granite is overlain and intruded by Pliocene-Pleistocene andesitic to basaltic volcanics of the Garibaldi Volcanic belt. Volcanic rocks include scoriaceous to amygdaloidal flows and pyroclastic rocks and may represent a subglacial mound-type eruptive center.

The 2008 program involved traverses in the Mud Lake and Logan Ridge area along the east-west contact between fine and coarse-grained phases on the north side of the pluton, and traverses along the northwest trending western contact.

Structure

Quartz vein sets measured in the Mud Lake-Logan Ridge area are dominantly east-west trending (striking 090-100) and dipping steeply (60-80°) to the south. The veins are roughly parallel to the contact between intrusive phases.

Mineralization and Alteration

An alteration zone over almost 3 km long and 100-250 metres wide was mapped in the Mud Lake – Logan Ridge area (Figure 4). The zone crops out on the northeast and northwest sides of Mud Lake and again 700 metres further to the west along the east side of Logan Ridge. The intervening area is covered by extensive moraine and Pliocene-Pleistocene volcanic boulders. West of Logan Ridge the zone is covered by ice until it emerges in the Glacier Island area. Alteration varies from patchy to anastomosing zones of quartz-sericite-pyrite (QSP) associated with local quartz stockwork in the Mud Lake area, to pervasive QSP in the Logan Ridge area. Alteration in the Logan Ridge area varies from sericite-pyrite to locally intense silicification cut by pyrite stockwork. Alteration is accompanied by a variety of vein sets, including 2-10 cm sheeted quartz-pyrite and quartz-molybdenite veins, pyrite-molybdenite stockwork, and quartz-magnetite veins, locally with molybdenite. A covered area 400 metres east of Logan Ridge contains abundant boulders with quartz-magnetite veins to 5 cm with sericite

haloes. In the Glacier Island area alteration becomes patchy once again but with locally strong concentrations (up to 10 veins/meter) of variably mineralized quartz veins.

On the south and west sides of the Salal Pluton a steeply inward dipping band of alteration can be traced more or less continuously for a strike length of over seven kilometres. The zone is displayed as a vivid gossan on steep cliff exposures north of Salal Creek and continues to the northwest where it is best seen in semi-continuous exposures in several cross-cutting creeks. Alteration varies from patchy chlorite-sericite-pyrite to strong pervasive QSP, with local zones of intense silicification. Stronger alteration is generally accompanied by development of a strong steeply dipping fracture cleavage. Although pyrite is common to locally abundant throughout the zone, hematite is also seen in the lower parts of the zone and poddy to fracture-controlled manganese oxide is abundant in the upper parts. Alteration is accompanied by generally widely spaced (1 vein/5 m average) but locally well mineralized quartz(-pyrite-molybdenite) veins. Veins are most commonly 0.1-0.3 m wide but locally reach widths of 0.8 meters.

Work Completed 2008

The Logan Property was examined by the author, geologist Tony Barresi and prospector John Fleishman, on August 3 and 6, 2008. The purpose of the visit was to evaluate the economic potential of the claims by validating the location, style and potential of known mineralization as presented by previous workers in the area such as Mustard et al, (1965). Representative rock samples were collected from mineralized outcrops and frequency of mineralized veins was recorded.

Rock Geochemistry

Rock samples were collected primarily from vein/stockwork mineralized zones order to define the metal tenor of these zones. The samples are intended to be representative of the metal values obtainable in these zones. Samples were collected in plastic sample bags and sealed with plastic zip ties. Sample locations were recorded by GPS. Sample locations are marked with flagging tape and embossed aluminum tags. Samples were taken to Acme Analytical Laboratories of Vancouver B.C. directly from the project area in sealed rice bags with security tags.

At the laboratory, the samples were dried crushed and pulverized using standard rock preparation procedures. The pulps were then analyzed for Au using a 30 gram fire assay by ICP-ES and for 30 elements by ICP-ES using a multi-acid digestion. Quality control at the laboratory is maintained by submitting blanks, standards and re-assaying duplicate samples from each analytical batch

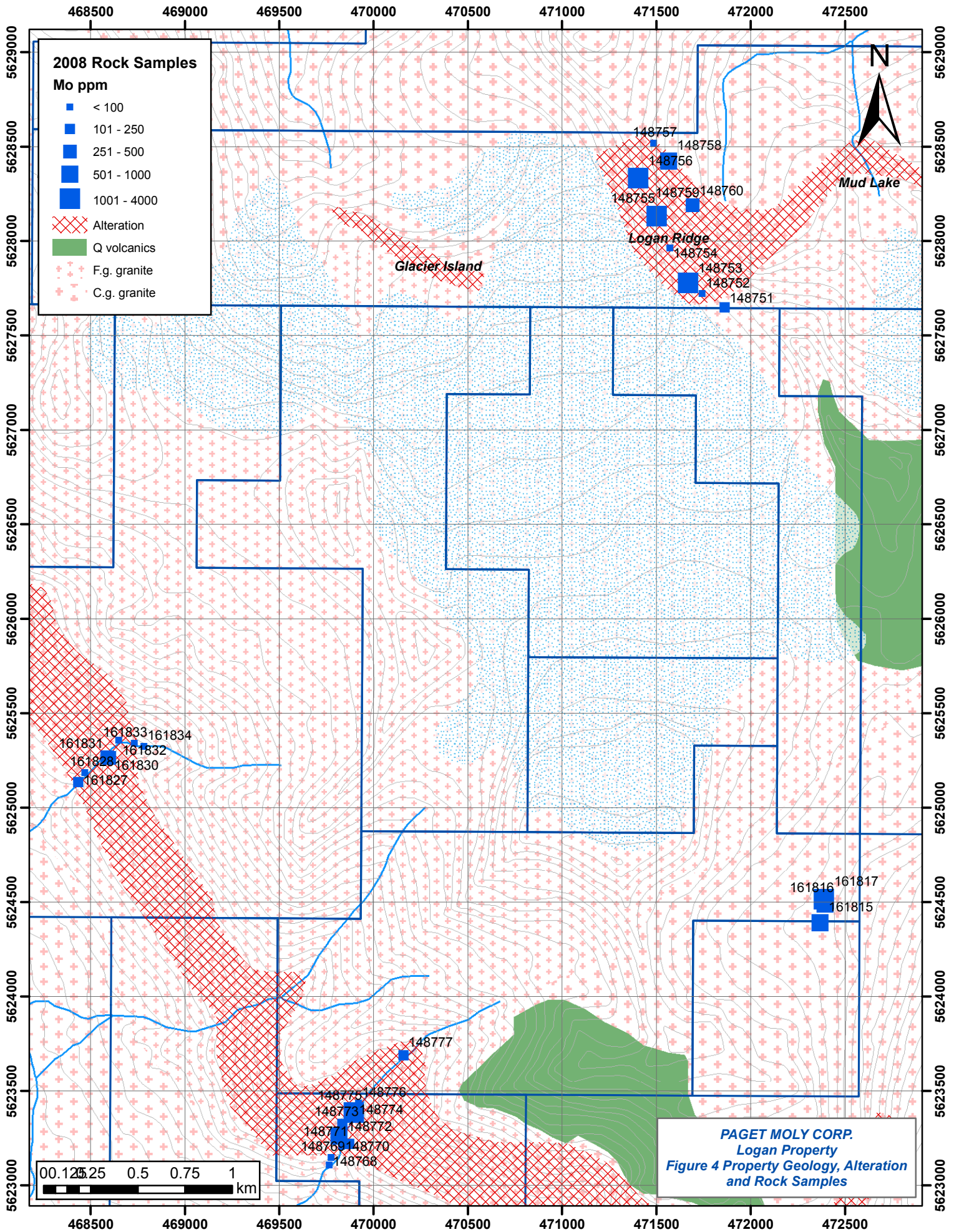
Rock sample descriptions and analytical results are in Appendix C. Sample locations are plotted on Figure 4.

Ten samples from the Logan Ridge area returned Mo values between 3 and 2427 ppm, averaging 713 ppm. The highest Mo was from a composite banded 0.4 m wide quartz-pyrite-moly vein with sericitic margins. Seventeen samples from the west side alteration zone returned Mo values between 10 and 2759 ppm, averaging 322 ppm. Three samples were collected outside the main alteration zones from discrete structures with quartz-moly veins; these samples returned 692, 958 and >4000 ppm Mo.

Cu values are uniformly low, averaging 14 ppm. Lead values range up to 343 ppm and correlate well with moly; tungsten is generally low with occasional spikes over 200 ppm. Au values are negligible, and Ag rarely spikes over 5 ppm.

Conclusions and Recommendations

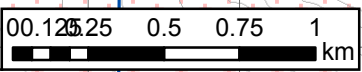
A widespread mineralizing system is present along the northern and western/southern fine-grained - coarse-grained granite contacts of the Salal Creek stock. Alteration and Mo mineralization is generally confined to a relatively narrow band over multi-kilometre strike lengths. On Logan Ridge, alteration is robust, varying from patchy QSP to pervasive intense QSP to intense silica cut by pyrite stockwork. Vein sets accompanying alteration include sheeted quartz-pyrite and quartz-molybdenite, quartz-magnetite, locally accompanied by molybdenite, and quartz-pyrite and quartz-molybdenite-pyrite stockwork. The alteration zone appears to be roughly centred along steeply inward dipping contacts between the inner fine-grained core phase and the outer coarse-grained marginal phase of the pluton. The overall width of the zone is about 150-250 metres. On the south and west sides of the pluton alteration tends to be variable but well focused in zones with a strong fracture cleavage and in narrow brittle shear zones. In both areas as well as outside the main alteration zones Mo tenors within quartz veins are strong, varying from hundreds to thousands of ppm. It appears from the preliminary surveys conducted in 2008 that vein densities vary from one vein every 5 metres in parts of the western zone to 10 veins/metre in parts of the Logan Ridge area. An economic target will exist only where higher vein densities can be defined over a width sufficient to start defining a mineable tonnage. Systematic geological traverses are recommended to further this goal.



2008 Rock Samples
Mo ppm

- < 100
- 101 - 250
- 251 - 500
- 501 - 1000
- 1001 - 4000

Alteration
 Q volcanics
 F.g. granite
 C.g. granite



PAGET MOLY CORP.
 Logan Property
 Figure 4 Property Geology, Alteration and Rock Samples

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Campbell, C.B., and Mustard, D.K. (1970): Assessment Report Geological and Geochemical Surveys EE, R, Bat & Ball Mineral Claims. B.C. Ministry of Energy, Mines and Petroleum Resources Assessment Report 2,741.

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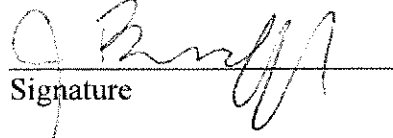
Appendix A Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, John Bradford, P.Geo., certify that:

1. I am presently Vice President Exploration for Paget Resources Corporation with a business address located at:
1160-1040 W. Georgia St.
Vancouver, BC, Canada
V6E 4H1
2. I am a member in good standing of the Association of Professional Engineers and Geoscientists of B.C.
3. I graduated from the University of British Columbia in 1985 with a Bachelor of Science in Geology and from the University of British Columbia in 1988 with a Master of Science in Geology.
4. Since 1988 I have been continuously employed in exploration for base and precious metals in North America, South America and China.
5. I supervised and participated in the 2008 exploration program and am therefore personally familiar with the geology of the Logan Property and the work conducted in 2008. I have prepared all sections of this report.

Dated this 12 Day of December, 2008


Signature

John Bradford, M.Sc, PGeo

Appendix B Statement of Costs

Item	Name	Date	#	Cost	Item sub-total
LOGAN					
WORK COSTS					
Geological - salaries and wages			days	daily rate	
	John Bradford		2	600	1200
	John Fleishman		2	500	1000
	Tony Barresi		2	450	900
	Tim Sivak		2	325	650
					3750.00
Food & Accommodation: on-site			man-days	rate	
	Hotel		6	200	1200
	Food		6	75	450
					1650.00
Report			days	daily rate	
	Preparation		2	600	1200
	Materials, maps, binding, copying		1	50	50
					1250.00
Geochemical					
	Rock sample assays		30	30	900
	Freight		1	88	88
					988.00
Vehicle					
	Truck rental		2	80	160
	Mileage		60	0.25	15
					175.00
MOB/DEMOB COSTS					
Food & Accommodation: travel to/from site			man-days	rate	
	Hotel		0	0	0
	Food		6	50	300
					300.00
Wages: travel to/from site			days	daily rate	
	John Bradford		2	600	1200
	John Fleishman		2	500	1000
	Tony Barresi		2	450	900
	Tim Sivak		2	325	650
					3750.00
Vehicle					
	Truck rental		2	80	160
	Mileage		600	0.25	150
					310.00
					SUBTOTAL work/mob-demob 12173.00
Transportation on-site - Helicopter					
	Valley Helicopters Ltd.	15175			1,115.00
	Valley Helicopters Ltd.	15226			3,742.75
	Valley Helicopters Ltd.	15229			3,711.10
	Valley Helicopters Ltd.	15230			582.25
					SUBTOTAL helicopter costs: 9,151.10
					Allowable helicopter costs (maximum of 50% work) 4575.55
					Assessment work to claim: 16748.55

Appendix C Rock Samples

Area	Geol	Date DD-MM-YY	Unique ID (waypoint or station)	UTM Zone	UTM E	UTM N	Elevation (m)	Sample	Type	Sample Length (m) if chip
Logan Ridge	TB	3-Aug-08	08TB13-1	10	471861	5627649	2259	148751	Grab	
Logan Ridge	TB	3-Aug-08	08TB13-2	10	471743	5627721	2244	148752	Grab (subcrop)	
Logan Ridge	TB	3-Aug-08	08TB13-3	10	471667	5627777	2237	148753	Grab	
Logan Ridge	TB	3-Aug-08	08TB13-4	10	471571	5627963	2236	148754	Chip (grab) from subcrop	8
Logan Ridge	TB	3-Aug-08	08TB13-5	10	471500	5628133	2226	148755	Grab	
Logan Ridge	TB	3-Aug-08	08TB13-6	10	471403	5628332	2197	148756	Grab	
Logan Ridge	TB	3-Aug-08	08TB13-7	10	471485	5628518	2184	148757	Grab	
Logan Ridge	TB	3-Aug-08	08TB13-8	10	471565	5628424	2140	148758	Grab	
Logan Ridge	TB	3-Aug-08	08TB13-9	10	471682	5628190	2097	148759	Grab	
Logan Ridge	TB	3-Aug-08	08TB13-10	10	471692	5628190	2090	148760	Grab	
Southwest	TB	6-Aug-08	08TB16-1	10	469766	5623107	1534	148768	Talus	
Southwest	TB	6-Aug-08	08TB16-2	10	469776	5623149	1593	148769	Grab	
Southwest	TS	6-Aug-08	08TB16-3	10	469832	5623209	1590	148770	Grab	
Southwest	TB	6-Aug-08	08TB16-4	10	469871	5623220	1614	148771	Grab	
Southwest	TB	6-Aug-08	08TB16-5	10	469818	5623261	1608	148772	Grab	
Southwest	TB	6-Aug-08	08TB16-6	10	469836	5623326	1642	148773	Grab	
Southwest	TB	6-Aug-08	08TB16-7	10	469896	5623386	1668	148774	Grab	
Southwest	TS	6-Aug-08	08TB16-7	10	469896	5623386	1668	148775	Talus	
Southwest	TB	6-Aug-08	08TB16-8	10	469921	5623436	1682	148776	Grab	
Southwest	TB	6-Aug-08	08TB16-9	10	470159	5623691	1827	148777	Grab	
Southwest	JB	06-AUG-08	LOJB2008232	10	468434	5625136	1636	161827	float comp	
Southwest	JB	06-AUG-08	LOJB2008234	10	468469	5625187	1658	161828	grab	
Southwest	JB	06-AUG-08	LOJB2008237	10	468588	5625267	1709	161830	grab	
Southwest	JB	06-AUG-08	LOJB2008238	10	468598	5625264	1715	161831	chip	0.8
Southwest	JB	06-AUG-08	LOJB2008239	10	468649	5625356	1748	161832	grab	
Southwest	JB	06-AUG-08	LOJB2008240	10	468732	5625342	1784	161833		
Southwest	JB	06-AUG-08	LOJB2008242	10	468783	5625325	1811	161834		
	JB	03-AUG-08	LOJB2008186	10	472369	5624392		161815	grab	
	JB	03-AUG-08	LOJB2008187	10	472394	5624492		161816	grab	
	JB	03-AUG-08	LOJB2008188	10	472389	5624516		161817	grab	

Sample	Description	struct strike	struct dip	struct type	Wgt	Au	Mo	Cu	Pb
148751	20 cm wide banded qz vein with many narrow lamination of Mo rich smokey blue Qz. Mo finely disseminated so not visible except in general colour of Qz. Vein is approx 10% Mo. Also has ferromolybdenite				1.25	-2	233	6	38
148752	Irregular surface on large block of subcrop with 30% of surface covered with Mo. If disseminated then assay will be good, if just on surface not good.				1.55	5	3	8	14
148753	Strongly silicified and rusty zone with 1m wide Qz vein. Qz has many characteristics from fine to coarse grained, massive to banded, in places vuggy. Lots of areas with rotten hematite + qz but 20 cm interval in middle of vein is 5% py, f.g. and banded with 5-10% Mo	70	26	Qz vein	1.87	-2	1647	12	302
148754	Various kinds of silicified rocks and qz, including massive coarse grained qz, and fine grained qz, and qz with pyrite boxwork.				2.35	3	47	12	133
148755	Over a 3 m zone, 2/m rusty qz+py+-Mo vein. The Qz is slightly bluish.. Coarser Qz veins have sericite and py, while finer qz veins are banded with sericite and hematite				2.22	3	1546	6	9
148756	Composite Qz vein, min 40 cm thick and 5 m long. Qz + sericite on outer margin and F.G. banded Qz +Py+Mo in middle. Lots of ferroMo	80	59	Qz vein	1.56	-2	2427	12	242
148757	Silica altered c.g. granite with 10% partly weathered out 3mm pyrite cubes. Qz looks slightly bluish (mo?)				1.62	13	52	26	8
148758	1m wide (min) zone of intense QSP alteration = minor hematite. F.G. quartz vein which pinches and swells and contains pods up to 4mm wide of Mo rich Qz	270	85	Qz vein and alteration zone	1.63	3	564	19	19
148759	In area with TONS of fericreot - Variably oriented Qz veins (3/m) 15 to 30cm wide. Vuggy with 20% coarse Py aggregates + minor disseminated Mo. Best Mo vein was not sampled due to it being impossible to hammer out.	265	30	Qz vein	1.88	-2	133	7	11
148760	highly silicified granite with 1 cm qz vein _ 2 cm wide zone of euhedral pyrite aggregates. Mo?				2.09	2	474	8	42
148768	Talus from 25 m up cliff on east side of creek. 10% of rock has 1 cm wide qz veins with 30% Py and 1-2% Mo as fine bands with very f.g. moly				2.09	13	98	6	19
148769	Apalite with a stockwork of very f.g. qz + py + Mo +/- specular hematite. 30-40 v/m fg apalite w/ disseminated moly within qtz vnlt. Qtz is blueish from disseminated moly. 3% specular hematite blebs on weathered surface, and 1-3% dissem py throughout sample				1.99	5	60	11	15
148770	Red and yellow rusty zone 1 - 2 meters thick with several qz veins that are blue and laminated with f.g. Mo				1.34	-2	92	5	32
148771	Banded Qz vein with dark blue sooty Py (.8 cm) center. Possibly Mo rich rock. Definitely Mo bands on the edges of the 15 cm thick qz vein. Vein pinches and swells	240	55	Qz Mo vein	1.55	3	635	6	34
148773	30 cm thick banded Qz + Py + Mo vein with 5% Py 2% Mo.	230	54	Qz Mo vein	1.83	-2	209	6	24
148774	20 cm thick Qz vein with a 3mm seam of Mo	240	45	Qz Mo vein	1.21	2	133	3	22
148775	0.2 cm thick qtz vnlt w/ dissem moly within aplite host. Sample was found 5m upslope from 148774.				1.66	-2	2759	5	20
148776	1 meter wide rusty and yellow zone of intense silica alteration with varying (0 - 5%) proportions of disseminated and bands of f.g. Mo	160	70	Alteration zone	2.05	10	82	104	27
148777	Jointing/fracture zone with lots of Qz + breccia + 1 meter X 2 selvages of strong silica + Py + Mo alteration	285	76	Jointing controlling mineralization	1.66	2	231	18	11
161827	intensely sil/ser alt f.g. gran, QP and QPM strongers, f.g. Mo				1.77	-2	102	4	19
161828	transition from more mass f.g. QP gran to same with stronger frct clvg, loc QP/QPM stringers; rusty fract, variable silic'n				1.45	2	91	60	50
161830	rusty o/c f.g. gran cut by widely spaced narrow QPM vnlets				1.07	-2	392	6	45
161831	strong QM vn zone, sil margin 0.8 m wide with multiple bands f.g. Mo				1.32	2	351	18	108
161832	N margin of zone of strong alt/min; sil-py vn/brx zone 1 m wide, tr Mo				1.41	9	10	8	72
161833	broad zone of intense frct cont sil-py alt, poss tr Mo				1.46	-2	13	8	-5
161834	flat-lying vein 10 cm wide streaky qtz-py with thin Mo seams				1.74	-2	64	8	61
161815	QPM vein 1-20 cm wide in c.g. gran	270	80	Vein	1.51	5	958	7	44
161816	QPM vein/frct 1-20 cm wide in c.g. gran	260	80	Vein	1.02	3	692	9	15
161817	5 m wide frct zone with sparse QP, QPM vns to 10 cm				1.77	-2	4000	9	343

Sample	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc
148751	14	-0.5	3	-2	341	1.10	-5	6	4	-0.4	-5	-5	7	-0.01	0.00	15	6	0.06	103	0.03	3.39	0.08	2.37	126	-2	29	-2	6	1	1
148752	16	-0.5	3	-2	229	0.66	7	14	34	-0.4	-5	-5	4	0.30	0.00	21	6	0.04	256	0.06	4.85	2.59	3.46	-4	5	-2	10	12	2	2
148753	57	1.6	3	-2	586	1.71	-5	8	-2	0.5	-5	-5	5	-0.01	0.00	12	9	0.05	120	0.03	3.92	0.06	2.53	94	-2	31	-2	6	1	1
148754	26	1.5	4	-2	1018	1.33	-5	7	10	-0.4	-5	-5	5	-0.01	0.00	16	10	0.05	217	0.05	4.04	0.11	3.13	18	-2	12	-2	6	2	1
148755	18	-0.5	2	-2	188	1.51	-5	6	17	-0.4	-5	-5	20	0.02	0.00	14	10	0.17	457	0.06	4.40	0.22	2.78	12	-2	26	-2	2	2	2
148756	20	3.6	14	-2	227	1.47	-5	3	3	-0.4	-5	8	11	-0.01	0.01	5	21	0.07	118	0.03	1.81	0.04	1.11	17	-2	14	-2	4	1	-1
148757	51	0.7	4	-2	279	2.67	-5	6	66	-0.4	-5	-5	26	0.16	0.01	14	10	0.22	546	0.10	5.64	0.90	3.70	21	-2	19	2	4	6	2
148758	25	1.3	3	-2	303	2.92	-5	5	4	-0.4	6	-5	11	-0.01	0.00	11	13	0.06	122	0.02	2.68	0.05	1.54	>200	-2	18	-2	2	2	1
148759	20	-0.5	6	4	277	1.88	-5	4	21	-0.4	-5	-5	12	0.03	0.00	10	13	0.12	434	0.05	3.88	0.37	2.73	9	-2	19	3	5	2	1
148760	36	3.2	2	3	747	9.06	-5	3	7	-0.4	-5	12	11	0.07	0.01	9	11	0.11	14	0.04	4.25	0.07	2.85	80	2	30	4	2	2	2
148768	17	-0.5	3	-2	229	1.23	-5	9	10	-0.4	7	7	-2	0.10	0.00	12	11	0.03	117	0.04	4.20	1.97	3.49	8	-2	11	4	8	2	3
148769	121	1.2	-2	-2	357	1.28	-5	9	14	0.6	-5	8	-2	0.07	0.00	12	7	0.03	93	0.04	4.54	1.84	3.94	6	-2	10	6	9	2	3
148770	17	3.9	5	-2	2165	1.56	-5	5	8	-0.4	-5	41	3	0.03	0.00	9	15	0.04	70	0.03	4.34	0.98	3.85	29	-2	35	3	7	2	2
148771	11	-0.5	4	-2	206	1.39	-5	11	4	-0.4	-5	-5	3	0.04	0.00	12	11	0.04	75	0.03	4.41	1.15	3.65	-4	-2	34	5	11	2	3
148772	19	-0.5	9	4	200	2.29	-5	8	12	-0.4	-5	-5	-2	0.11	0.00	8	16	0.02	77	0.04	4.39	2.34	3.65	8	-2	7	6	12	2	4
148773	20	0.6	4	-2	388	1.29	-5	8	8	-0.4	-5	19	-2	0.07	0.00	11	7	0.03	77	0.04	4.88	1.74	3.79	51	-2	15	6	12	2	5
148774	8	-0.5	5	-2	152	1.07	-5	9	9	-0.4	-5	-5	3	0.11	0.00	10	12	0.03	90	0.03	4.43	2.26	3.64	4	-2	9	6	10	2	4
148775	15	-0.5	3	-2	175	1.09	-5	8	8	-0.4	-5	-5	-2	0.06	0.00	10	10	0.04	62	0.03	4.46	1.54	3.84	-4	2	16	5	10	2	3
148776	37	2.7	5	-2	1237	3.32	-5	7	15	-0.4	-5	20	2	0.48	0.00	12	13	0.07	35	0.03	5.69	0.84	4.14	27	-2	35	12	12	3	7
148777	112	0.6	4	-2	615	2.47	-5	5	13	1.0	-5	-5	3	0.10	0.00	8	9	0.05	72	0.04	5.35	1.06	3.57	133	-2	21	5	12	2	4
161827	28	-0.5	4	-2	620	2.18	-5	6	2	0.6	-5	-5	2	0.01	0.00	9	10	0.03	42	0.03	4.40	0.41	3.06	7	-2	26	9	16	1	3
161828	127	4.1	5	-2	1922	1.32	-5	10	8	0.8	-5	6	2	0.04	0.00	13	10	0.05	71	0.04	5.62	1.48	3.45	20	-2	17	7	14	2	4
161830	13	-0.5	4	-2	264	2.80	-5	7	4	-0.4	-5	-5	2	0.05	0.00	10	9	0.04	39	0.03	4.32	1.03	2.94	7	-2	26	5	10	2	4
161831	24	1.2	5	-2	1469	2.84	-5	9	4	-0.4	-5	-5	-2	-0.01	0.00	12	10	0.04	41	0.03	5.07	0.46	3.93	5	-2	22	5	11	2	4
161832	55	4.9	3	-2	998	1.88	-5	7	2	0.7	-5	-5	-2	0.02	0.00	11	8	0.03	32	0.04	5.39	0.38	3.50	24	-2	24	7	17	2	5
161833	51	1.4	5	-2	2554	2.46	-5	8	-2	0.4	-5	8	-2	0.01	0.00	13	10	0.03	30	0.03	5.94	0.34	3.43	122	-2	22	9	15	2	5
161834	158	5.2	2	-2	7608	10.48	-5	5	4	1.2	-5	12	-2	0.21	0.00	8	9	0.03	23	0.03	4.54	0.06	2.46	>200	-2	10	9	10	2	3
161815	42	2.1	7	3	526	2.22	-5	4	23	0.6	-5	-5	4	0.06	0.00	9	14	0.08	293	0.04	4.57	0.39	3.89	13	-2	10	3	7	1	2
161816	37	1.0	5	-2	520	1.56	-5	6	32	0.5	-5	-5	8	0.09	0.01	8	9	0.10	447	0.07	4.91	0.55	3.84	12	-2	21	5	9	2	2
161817	30	3.3	8	-2	406	1.46	-5	4	7	0.6	-5	-5	7	0.03	0.00	11	17	0.09	206	0.04	2.66	0.14	2.09	8	-2	17	2	6	1	2

Appendix D Analytical Certificates



ACME ANALYTICAL LABORATORIES LTD.
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 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Pembrook Mining Corporation**

1160-1040 W. Georgia St.
 Vancouver, B.C. V6E 4H1 Canada

Submitted By: John Bradford
 Receiving Lab: Canada-Smithers
 Received: August 08, 2008
 Report Date: September 12, 2008
 Page: 1 of 3

CERTIFICATE OF ANALYSIS

SMI08000710.1

CLIENT JOB INFORMATION

Project: Logan
 Shipment ID:
 P.O. Number
 Number of Samples: 32

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
 DISP-RJT Dispose of Reject After 90 days

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: Pembrook Mining Corporation
 1160-1040 W. Georgia St.
 Vancouver, B.C. V6E 4H1
 Canada

CC: B. Booth
 Nigel Luckman

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	30	Crush, split and pulverize rock to 200 mesh		
3B	30	Fire assay fusion Au by ICP-ES	30	Completed
1ED	30	4 Acid digestion ICP-ES analysis	0.25	Completed

ADDITIONAL COMMENTS



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.



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 Vancouver, B.C. V6E 4H1 Canada

Project: Logan

Report Date: September 12, 2008

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

SMI08000710.1

Method	WGHT	3B	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	2	2	5	2	0.5	2	2	5	0.01	5	20	4	2	2	0.4	5	5	2	
0148751	Rock	1.25	<2	233	6	38	14	<0.5	3	<2	341	1.10	<5	<20	<4	6	4	<0.4	<5	<5	7
0148752	Rock	1.55	5	3	8	14	16	<0.5	3	<2	229	0.66	7	<20	<4	14	34	<0.4	<5	<5	4
0148753	Rock	1.87	<2	1647	12	302	57	1.6	3	<2	586	1.71	<5	<20	<4	8	<2	0.5	<5	<5	5
0148754	Rock	2.35	3	47	12	133	26	1.5	4	<2	1018	1.33	<5	<20	<4	7	10	<0.4	<5	<5	5
0148755	Rock	2.22	3	1546	6	9	18	<0.5	2	<2	188	1.51	<5	<20	<4	6	17	<0.4	<5	<5	20
0148756	Rock	1.56	<2	2427	12	242	20	3.6	14	<2	227	1.47	<5	<20	<4	3	3	<0.4	<5	8	11
0148757	Rock	1.62	13	52	26	8	51	0.7	4	<2	279	2.67	<5	<20	<4	6	66	<0.4	<5	<5	26
0148758	Rock	1.63	3	564	19	19	25	1.3	3	<2	303	2.92	<5	<20	<4	5	4	<0.4	6	<5	11
0148759	Rock	1.88	<2	133	7	11	20	<0.5	6	4	277	1.88	<5	<20	<4	4	21	<0.4	<5	<5	12
0148760	Rock	2.09	2	474	8	42	36	3.2	2	3	747	9.06	<5	<20	<4	3	7	<0.4	<5	12	11
0148768	Rock	2.09	13	98	6	19	17	<0.5	3	<2	229	1.23	<5	<20	<4	9	10	<0.4	7	7	<2
0148769	Rock	1.99	5	60	11	15	121	1.2	<2	<2	357	1.28	<5	<20	<4	9	14	0.6	<5	8	<2
0148770	Rock	1.34	<2	92	5	32	17	3.9	5	<2	2165	1.56	<5	<20	<4	5	8	<0.4	<5	41	3
0148771	Rock	1.81	<2	144	3	9	11	<0.5	4	<2	206	1.39	<5	<20	<4	11	4	<0.4	<5	<5	3
0148772	Rock	1.55	3	635	6	34	19	<0.5	9	4	200	2.29	<5	<20	<4	8	12	<0.4	<5	<5	<2
0148773	Rock	1.83	<2	209	6	24	20	0.6	4	<2	388	1.29	<5	<20	<4	8	8	<0.4	<5	19	<2
0148774	Rock	1.21	2	133	3	22	8	<0.5	5	<2	152	1.07	<5	<20	<4	9	9	<0.4	<5	<5	3
0148775	Rock	1.66	<2	2759	5	20	15	<0.5	3	<2	175	1.09	<5	<20	<4	8	8	<0.4	<5	<5	<2
0148776	Rock	2.05	10	82	104	27	37	2.7	5	<2	1237	3.32	<5	<20	<4	7	15	<0.4	<5	20	2
0148777	Rock	1.66	2	231	18	11	112	0.6	4	<2	615	2.47	<5	<20	<4	5	13	1.0	<5	<5	3
0161807	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
0161808	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
0161815	Rock	1.51	5	958	7	44	42	2.1	7	3	526	2.22	<5	<20	<4	4	23	0.6	<5	<5	4
0161816	Rock	1.02	3	692	9	15	37	1.0	5	<2	520	1.56	<5	<20	<4	6	32	0.5	<5	<5	8
0161817	Rock	1.77	<2	>4000	9	343	30	3.3	8	<2	406	1.46	<5	<20	<4	4	7	0.6	<5	<5	7
0161827	Rock	1.77	<2	102	4	19	28	<0.5	4	<2	620	2.18	<5	<20	<4	6	2	0.6	<5	<5	2
0161828	Rock	1.45	2	91	60	50	127	4.1	5	<2	1922	1.32	<5	<20	<4	10	8	0.8	<5	6	2
0161830	Rock	1.07	<2	392	6	45	13	<0.5	4	<2	264	2.80	<5	<20	<4	7	4	<0.4	<5	<5	2
0161831	Rock	1.32	2	351	18	108	24	1.2	5	<2	1469	2.84	<5	<20	<4	9	4	<0.4	<5	<5	<2
0161832	Rock	1.41	9	10	8	72	55	4.9	3	<2	998	1.88	<5	<20	<4	7	2	0.7	<5	<5	<2

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.



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Project: Logan

Report Date: September 12, 2008

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

SMI08000710.1

Method	Analyte	Unit	MDL	1E Ca	1E P	1E La	1E Cr	1E Mg	1E Ba	1E Ti	1E Al	1E Na	1E K	1E W	1E Zr	1E Sn	1E Y	1E Nb	1E Be	1E Sc
				%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.01	0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1
0148751	Rock			<0.01	0.002	15	6	0.06	103	0.03	3.39	0.08	2.37	126	<2	29	<2	6	1	1
0148752	Rock			0.30	0.002	21	6	0.04	256	0.06	4.85	2.59	3.46	<4	5	<2	10	12	2	2
0148753	Rock			<0.01	<0.002	12	9	0.05	120	0.03	3.92	0.06	2.53	94	<2	31	<2	6	1	1
0148754	Rock			<0.01	<0.002	16	10	0.05	217	0.05	4.04	0.11	3.13	18	<2	12	<2	6	2	1
0148755	Rock			0.02	0.003	14	10	0.17	457	0.06	4.40	0.22	2.78	12	<2	26	<2	2	2	2
0148756	Rock			<0.01	0.005	5	21	0.07	118	0.03	1.81	0.04	1.11	17	<2	14	<2	4	1	<1
0148757	Rock			0.16	0.008	14	10	0.22	546	0.10	5.64	0.90	3.70	21	<2	19	2	4	6	2
0148758	Rock			<0.01	0.003	11	13	0.06	122	0.02	2.68	0.05	1.54	>200	<2	18	<2	2	2	1
0148759	Rock			0.03	0.004	10	13	0.12	434	0.05	3.88	0.37	2.73	9	<2	19	3	5	2	1
0148760	Rock			0.07	0.007	9	11	0.11	14	0.04	4.25	0.07	2.85	80	2	30	4	2	2	2
0148768	Rock			0.10	<0.002	12	11	0.03	117	0.04	4.20	1.97	3.49	8	<2	11	4	8	2	3
0148769	Rock			0.07	0.003	12	7	0.03	93	0.04	4.54	1.84	3.94	6	<2	10	6	9	2	3
0148770	Rock			0.03	0.002	9	15	0.04	70	0.03	4.34	0.98	3.85	29	<2	35	3	7	2	2
0148771	Rock			0.04	<0.002	12	11	0.04	75	0.03	4.41	1.15	3.65	<4	<2	34	5	11	2	3
0148772	Rock			0.11	<0.002	8	16	0.02	77	0.04	4.39	2.34	3.65	8	<2	7	6	12	2	4
0148773	Rock			0.07	<0.002	11	7	0.03	77	0.04	4.88	1.74	3.79	51	<2	15	6	12	2	5
0148774	Rock			0.11	<0.002	10	12	0.03	90	0.03	4.43	2.26	3.64	4	<2	9	6	10	2	4
0148775	Rock			0.06	<0.002	10	10	0.04	62	0.03	4.46	1.54	3.84	<4	2	16	5	10	2	3
0148776	Rock			0.48	0.002	12	13	0.07	35	0.03	5.69	0.84	4.14	27	<2	35	12	12	3	7
0148777	Rock			0.10	<0.002	8	9	0.05	72	0.04	5.35	1.06	3.57	133	<2	21	5	12	2	4
0161807	Rock			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
0161808	Rock			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
0161815	Rock			0.06	0.004	9	14	0.08	293	0.04	4.57	0.39	3.89	13	<2	10	3	7	1	2
0161816	Rock			0.09	0.007	8	9	0.10	447	0.07	4.91	0.55	3.84	12	<2	21	5	9	2	2
0161817	Rock			0.03	0.002	11	17	0.09	206	0.04	2.66	0.14	2.09	8	<2	17	2	6	1	2
0161827	Rock			0.01	<0.002	9	10	0.03	42	0.03	4.40	0.41	3.06	7	<2	26	9	16	1	3
0161828	Rock			0.04	0.002	13	10	0.05	71	0.04	5.62	1.48	3.45	20	<2	17	7	14	2	4
0161830	Rock			0.05	<0.002	10	9	0.04	39	0.03	4.32	1.03	2.94	7	<2	26	5	10	2	4
0161831	Rock			<0.01	<0.002	12	10	0.04	41	0.03	5.07	0.46	3.93	5	<2	22	5	11	2	4
0161832	Rock			0.02	<0.002	11	8	0.03	32	0.04	5.39	0.38	3.50	24	<2	24	7	17	2	5

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.



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 Vancouver, B.C. V6E 4H1 Canada

Project: Logan

Report Date: September 12, 2008

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

SMI08000710.1

Method	WGHT	3B	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	2	2	5	2	0.5	2	2	5	0.01	5	20	4	2	2	0.4	5	5	2	
0161833	Rock	1.46	<2	13	8	<5	51	1.4	5	<2	2554	2.46	<5	<20	<4	8	<2	0.4	<5	8	<2
0161834	Rock	1.74	<2	64	8	61	158	5.2	2	<2	7608	10.48	<5	<20	<4	5	4	1.2	<5	12	<2



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Report Date: September 12, 2008

Page: 3 of 3 Part 2

CERTIFICATE OF ANALYSIS

SMI08000710.1

Method	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	
Unit	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	
0161833	Rock	0.01	<0.002	13	10	0.03	30	0.03	5.94	0.34	3.43	122	<2	22	9	15	2	5
0161834	Rock	0.21	<0.002	8	9	0.03	23	0.03	4.54	0.06	2.46	>200	<2	10	9	10	2	3

QUALITY CONTROL REPORT

SMI08000710.1

Method	WGHT	3B	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	2	2	5	2	0.5	2	2	5	0.01	5	20	4	2	2	0.4	5	5	2	
Pulp Duplicates																					
0148774	Rock	1.21	2	133	3	22	8	<0.5	5	<2	152	1.07	<5	<20	<4	9	9	<0.4	<5	<5	3
REP 0148774	QC		3																		
Reference Materials																					
STD DST6	Standard			11	118	43	175	<0.5	30	12	903	3.72	25	<20	<4	8	285	6.2	10	<5	111
STD DST6	Standard			10	114	27	164	<0.5	31	13	925	3.74	19	<20	<4	6	303	6.2	<5	<5	95
STD OREAS45P	Standard			3	718	15	157	<0.5	370	113	1358	18.76	12	<20	<4	13	32	0.7	<5	<5	271
STD OREAS45P	Standard			<2	717	16	144	<0.5	362	111	1279	18.05	<5	<20	<4	9	33	1.7	<5	<5	265
STD OXE56	Standard		587																		
STD OXH55	Standard		1265																		
STD OXE56 Expected			611																		
STD OXH55 Expected			1282																		
STD DST6 Expected				13	130	37	176	0.4	30	14	980	3.91	24	8	0	7	298	5.6	5	5	115
STD OREAS45P Expected				1.9	749	22	141	0.32	385	120	1270	19.22	13.4	2.4	0.055	9.8	32.6	0.2	0.92	0.21	267
BLK	Blank		3																		
BLK	Blank		<2																		
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<4	<2	<2	<0.4	<5	<5	<2	
BLK	Blank		<2	<2	<5	<2	<0.5	<2	<2	<5	<0.01	<5	<20	<4	<2	<2	<0.4	<5	<5	<2	
Prep Wash																					
G1	Prep Blank	<0.01	<2	<2	12	18	56	<0.5	6	4	733	2.15	<5	<20	<4	9	635	<0.4	<5	<5	50
G1	Prep Blank	<0.01	2	<2	34	23	57	<0.5	8	4	748	2.25	<5	<20	<4	10	663	<0.4	<5	<5	52

QUALITY CONTROL REPORT

SMI08000710.1

Method		1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E	1E		
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	
Unit		%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.01	0.002	2	2	0.01	1	0.01	0.01	0.01	0.01	4	2	2	2	2	1	1	
Pulp Duplicates																			
0148774	Rock	0.11	<0.002	10	12	0.03	90	0.03	4.43	2.26	3.64	4	<2	9	6	10	2	4	
REP 0148774	QC																		
Reference Materials																			
STD DST6	Standard	1.97	0.090	18	244	1.01	643	0.38	5.92	1.63	1.47	6	53	7	12	9	3	11	
STD DST6	Standard	2.05	0.085	19	202	1.00	648	0.39	6.26	1.64	1.44	8	55	<2	13	10	3	11	
STD OREAS45P	Standard	0.28	0.042	24	1077	0.19	277	1.04	6.91	0.09	0.36	<4	137	8	12	19	<1	68	
STD OREAS45P	Standard	0.28	0.040	23	1085	0.18	275	1.03	6.73	0.08	0.35	<4	142	<2	12	20	<1	69	
STD OXE56	Standard																		
STD OXH55	Standard																		
STD OXE56 Expected																			
STD OXH55 Expected																			
STD DST6 Expected		2.26	0.099	26	230	1.03	702	0.387	6.92	1.673	1.42	7	50	6	15	8	3	10	
STD OREAS45P Expected		0.3	0.047	24.8	1140	0.22	281	1.18	6.82	0.081	0.35	1.1	279	3.1	18	24		67	
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.01	<0.002	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	
BLK	Blank	<0.01	<0.002	<2	<2	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<4	<2	<2	<2	<2	<1	<1	
Prep Wash																			
G1	Prep Blank	2.19	0.074	17	10	0.60	885	0.22	6.72	2.52	3.04	<4	8	<2	12	19	2	5	
G1	Prep Blank	2.18	0.072	19	10	0.63	931	0.23	6.79	2.53	3.12	<4	8	<2	13	21	3	5	