BRITISH COLUMBIA

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

BRITISH COLUMBIA GEOLOGICAL SURVEY

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
GEOCHEMISTRY PETROLOGY MAPPING DYKES	14500

AUTHOR(S) MIKKEL SCHAU SIGNATURE(S) Mikkel Schau

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) NA YEAR OF WORK 2008-2009

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4284483

PROPERTY NAME KRINGLE CONSOLIDATED

CLAIM NAME(S) (on which work was done) 515027, 515028, 515029, 515030, 515033 and 521073

COMMODITIES SOUGHT Precious and Basemetals

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 092L 170, 092L 163, and 092L 249

MINING DIVISION NANAIMO NTS 092L

LATITUDE 50 ° 20 ' " LONGITUDE 126 ° 12 ' " (at centre of work)

OWNER(S)

1) MIKKEL SCHAU 2)

MAILING ADDRESS

1007 Barkway Terrace
Brentwood Bay

OPERATOR(S) [who paid for the work]

1) Mikkel Schau 2)

MAILING ADDRESS

as above

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

SKARN BASALT LIMESTONE SILTY CALCAREOUS SHALE, GRANODIORITE GRANITE UPPER TRIASSIC LOWER JURASSIC FAULTING FOLDING DYKE INTRUSION BATHOLITH INTRUSION COPPER AND SILVER SHOWING - NO IDEA OF VOLUME

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS

26930, 27070, 27463, 27736, 27745, 28747, 28927, 30121

(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	dykes, 10 ha	515027, 515028, 515029, 515030 515033 521073	2000
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock	60	as above	7500
Other	3 whole rock	as above	
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic	27 Thinsections includes polished sects	as above.	5000
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	14500

Assessment Report

Focus on Dyke Suites

in the northern part of KRINGLE-Consolidated Claim Group

Rooney Lake Area

Tenures 515027, 515028. 515029, 515030, 515032, 515033, 515034, 515386, 515924, 515925, 515926, 515930, 516017, 521073, 529780,

Nanaimo Mining District

Located at

50 deg 20 min N and 126 deg 12 min W

for

Mkkel Schau, owner

by

Mikkel Schau, P.Geo.

For May 26, 2009

(submitted August 28, 2009)

SUMMARY

The Kringle claim group is staked on a hydrothermal system associated with a contact between the Triassic Vancouver Group and the Jurassic Adam River granodiorite pluton. The main copper mineral occurrences are in shears, veins, amygdales and dispersed disseminations found in a highly magnetic bounding fringe along the edge of the pluton, and are locally exposed in logging road cuts. Several suites of dykes are noted. Early mineralized salic dykes contain sulphides and potassic alteration, and associated skarnoid zones are also mineralized.

Previous work in the general area has located copper mineralization. In the sixties a few mineral samples with 25% copper and 0.78 opt gold from Boyes Creek excited the prospecting community. Exploration work was carried out in the area over the next 4 decades. These are summarized in AR30121.. The Kringle-consolidated Claims currently covers about 1897 Ha.

New showings found by author have been noted in recent assessment reports (ARIS: 26930, 27070, 27463, 27736, 27745, 28747, 28927 and 30121) with at least fourteen locations with large (1 kg or larger) grab samples containing well over a percent copper, silver values up to 67 ppm and gold values up to 1169 ppb. These values indicate the presence of locally interesting mineralization but give no indication of grades or volumes.

These prospects and showings lie along a sixteen km length of a three km wide magnetic anomaly developed along the edge of Adam River pluton. The localities and anomaly are shown on figure 2.

The geology has been verified from previous sources and new field work. It reveals that a sequence of the Vancouver group comprising the Triassic Karmutsen Formation, consisting largely of massive feldspar phyric basalt but with intraformational limestone lenses intercalated near the top; the overlying Quatsino limestone; and siliciclastic and limy sediments of the largely upper Triassic Parsons Bay formation was deformed, dyked, and faulted along orogen parallel faults, along which later mid Jurassic plutons were emplaced. Later geologic history, known to be complex and including (transverse?) faulting, is not yet fully understood in this area. The presence of early deformation, mainly of the brittle type, allowed circulation of fluids supplied and energized by the pluton yielding local alteration and mineralized volumes.

Previous studies of the alteration in the claims (AR28927) notes that propylitic alteration attended by an influx of mineralizing fluids with iron and sodium. A halo of affected rocks occur up to a few km away from the contact and is marked by a positive aeromagnetic anomaly. The alteration is superposed on very low grade regional metamorphism best displayed in pumpellyite and prehnite bearing basalts. The magnetic effect is in part due to low grade metamorphic breakdown of titaniferous ores in basalt and in part due to introduction of magnetite as veins and stringers.

New work has concentrated on locating and categorizing dykes. Early salic dykes are known to be mineralized. Un-mineralized andesite dykes are both deformed and planar along the edges of the pluton. Mafic dykes that locally post date alteration are also seen.

In this report several new mineralized localities are catalogued. The best assays of samples of about ½ to 1 kg and selected because they were mineralized include:

From Puff Quarry 109A is host basalt with 1035 ppm Cu, the skarn (109a1) near the shear zone runs in excess of 1% Cu and 52.6 ppm Ag.

From Kringle a piece of garnet skarn with thin veins and disseminations of sulphides runs in excess of 1% cu and 12.341ppm Ag

New locations hosted in basalt include 112A with 1573 ppm Cu and 163B with1409 ppm Cu. Skarn from 079 carries 179 ppm Mo and 2180 ppm V! Sample 188 SW is a powder from a 5 cm wide bed in Parsons Bay siltstone with 2.9 ppm Ag, 19.6 ppm U, 1.08% P and 12 ppm B.

It is recommended that the area of the copper anomaly be better characterized, by providing some dimensions to the local high grade grab sample locations. A work program could include:

1/ Silt sampling of all creeks (above or away from roads with suspect road metal) . Chip sampling at localities returning high assay values from grab samples.

2/ Better characterize high assay localities including soil sampling along subsoil "extensions" of mineralized trends

3/ Use a beepmat to locate magnetic and conductive subcrop locations along strike of previously located showing..

A detailed airborne survey locating magnetic and electromagnetic anomalies would be very useful in helping locate further showings and extensions. A large budget is necessary to carry this out.

The claim group is available for option or direct sale.

Table of Contents

Introduction

Kringle-consolidated (north) Claims, covering some 1897.212 ha., lie mainly west of the Island Highway, east of Rooney Lake, near the 255 km marker and reach southward toward Keta Lake at 245 Km marker. The group is staked on a hydrothermal system associated with a contact between the Triassic Vancouver Group and the Jurassic Adam River granodiorite pluton. The main copper mineral occurrences are in shears, veins, amygdales and dispersed disseminations found in a highly magnetic bounding fringe along the edge of the pluton, and are locally exposed in logging road cuts.

The work program outlined here was prospecting, sampling and mapping along recently built road cuts to potentially extend the mineralized area of the claim group.

The program has been conducted by Mikkel Schau, P.Geo and helpers.

Property location, access and title

The Kringle-consolidated Claims are located on northern Vancouver Island, BC (Figures 1, 2). They straddle the Adam River, as well as the Island Highway (19), and contain the easily identifiable 250 km marker located within NTS 092L, and more specifically, within the 092L040 trim sheet (Figure 1). Many logging roads traverse the area, so that most of the claims are accessible. Off road, the landscape is rugged and difficult to traverse..

Some claims were staked by location and later converted, other were claimed using using MTO. The claims cover some 1897.212 ha. and are called the Kringle-consolidated Claims. They include the claim tenures listed below and are shown on Figure 1..

Name	Recorded tenure number	Area in Ha.	Good to date
	515027	247.37	Sept 27, 2010
	515028	226.82	Sept 27, 2010
	515029	82.50	Sept 27, 2010
	515030	123.67	Sept 27, 2010
	515032	20.62	Sept 27, 2010
	515033	61.86	Sept 27, 2010
	515034	103.08	Sept 27, 2010
kringle-last	515386	20.61	Sept 27, 2010
	515924	41.23	Sept 27, 2010
	515925	20.61	Sept 27, 2010
	515926	20.62	Sept 27, 2010

	515930	206.21	Sept 27, 2010
	516017	20.62	Sept 27, 2010
kringle-2	521073	495.08	Sept 27, 2010
kringle-mi.	529780	206.30	Sept 27, 2010

total 1897.212 ha)

The anniversary date of the claims listed is adjusted to take into account the work listed herein.

All claims are on crown lands and are focused on copper and silver mineralization, but include an ancillary interest in gold and palladium as well as other base and industrial metals. The mineral rights are wholly owned by Mikkel Schau.

The land situation is typical; I believe I have claimed and hold the mineral rights in a lawful manner. The region, including the claimed area, is in a Timber License previously logged and reforested; and to the best of my knowledge the land claim treaty process has not directly discussed these lands. It is, however, listed on MapPlace as part of the Tlowitsis First Nation SOI. There has been no impediment to my claiming or working the land to time of writing. And I have no expectation of any. In fact, people of nearby communities would like there to be more exploration, and possibly mining, to shore up the local economy.

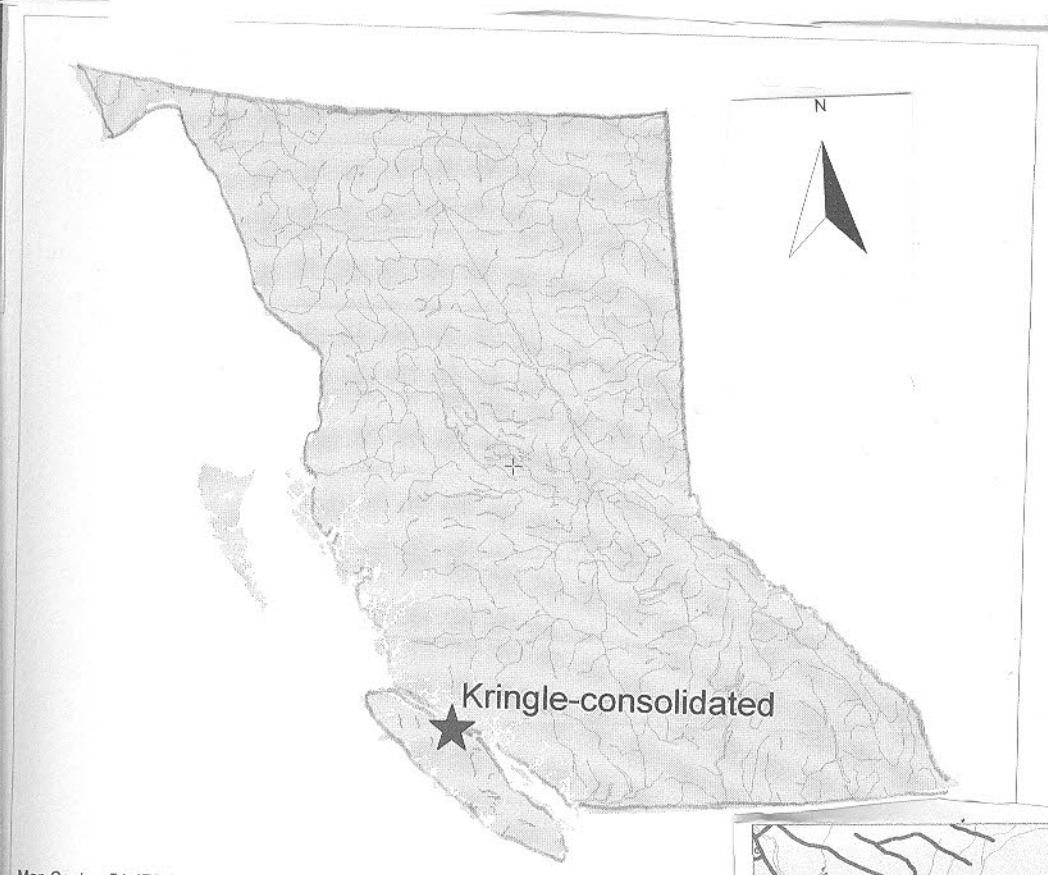
Previous work

Prospecting work has been carried out in the general Adam River region for about a century. Minfiles 092L 163, 170 and 249 are located within the Kringle-consolidated Claims. Newer showings from the claims have been reported in recent ARIS: 26930, 27070, 27463, 27736, 27745, 28747, 28927 and 30121, Some of these are shown on Figure 2.

The ground was prospected for silver and gold in the first quarter of the century and showings of copper and gold veins were reported. Some distance south of the claims, but in the same geological context, a showing (Lucky Jim) of a contact deposit with copper (5.92%), silver (1.8 opt) and gold (.9 opt) has been described as early as 1918 (page K270, 1918 BC Minister of Mines Report).

Logging opened up the area in the 60's and regional prospecting campaigns located scattered copper rich showings. A large block was staked in 1965 by W.R. Boyes, and was taken over shortly thereafter by Western Standard Silver Mines.

Kringle-consolidated Location Map

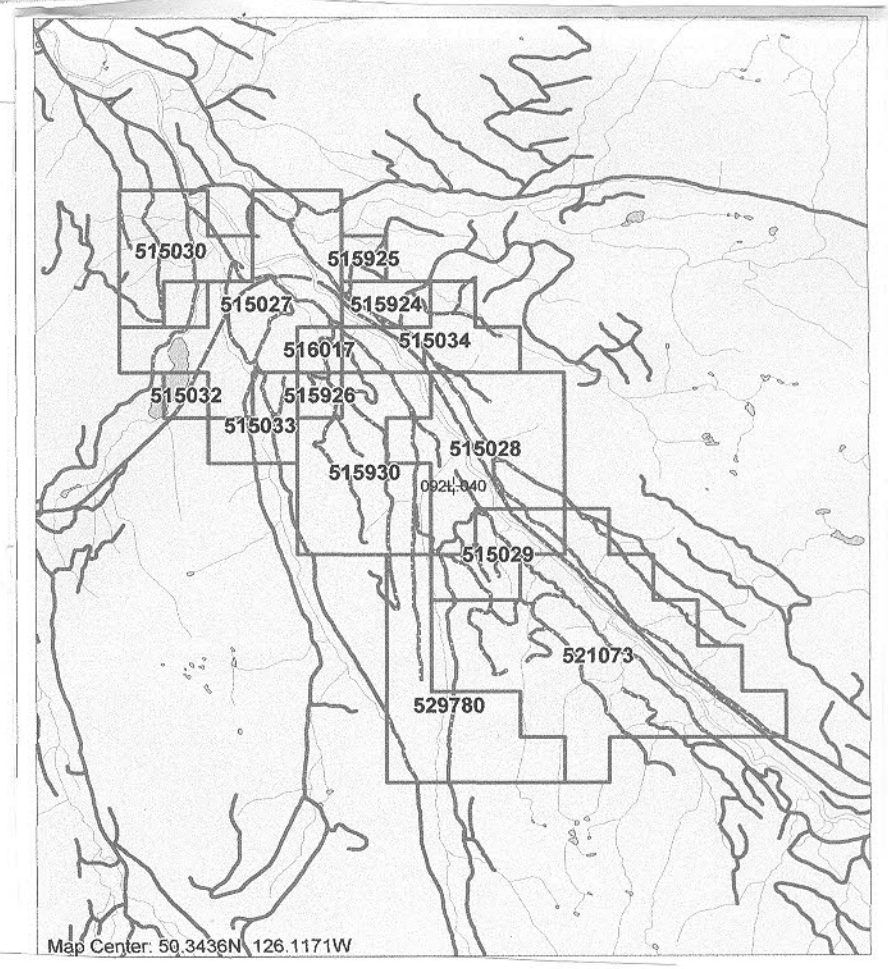


SCALE 1 : 13,233,328

200 0 200 400 600

KILOMETERS

Claim Map



SCALE 1 : 76,769

1 0 1 2 3

MILES

N

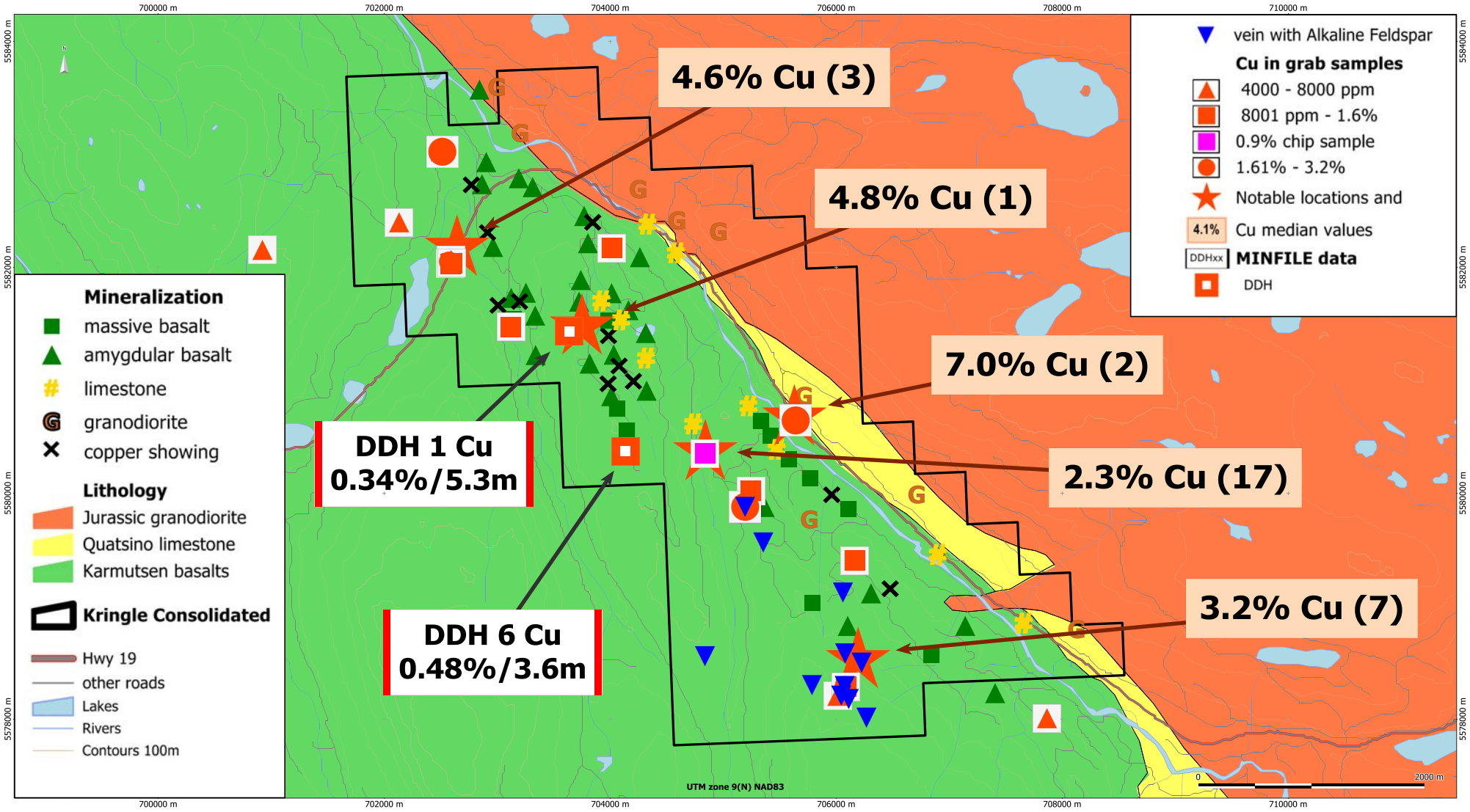


Figure 2
Area of Interest

Kringle Consolidated
Lithology

August 2009

GIS by TBTANGO.CA, Aug/2009

AR 1859, was the first formal report of copper showings near Rooney Lake in 1969.

AR 1993, commissioned by Bethlehem Copper Corporation, and carried out by W.M. Sharp, P.Eng., in 1969 sketched in the regional geology of a large area, some of which includes the area currently claimed. He noted the presence of a large NW trending granodiorite pluton emplaced in a sequence of Karmutsen “basalt-andesites” and the Quatzino Limestone. He noted that much mineralization of the area is mainly in veins. The report focused showings south of Kringle, and included the Boyes Creek occurrence (minfile 092L-165) and adjacent showings (092L-166,7,8). The first mention of the Billy Claims (now in Kringle) occurs in this report as a parcel covering widely dispersed copper mineralization. The geological framework presented by Mr. Sharp has not changed substantially, although he mentioned the occurrence of Bonanza volcanics in the general region; this latter conclusion has not been confirmed by later workers. (Unless Parsons Bay Formation is considered to be part of the Bonanza).

AR 3795, commissioned by Sayward Explorations Ltd, and carried out by Sheppard and Associates in 1972, reported on the geology of the Billy Claims Group and documents showings now known as Minfile 092L163 (in Billy 19) and 092L249 in (Billy 11). These showings are west of the Adam River. They reported that amygdaloidal portions of basalts and adjacent faults are mineralized.

In 1974 the GSC published a map of the area (Mueller et al, 1974) that generally follows the geology determined by previous consultants. Quatzino limestone was shown as less widely spread than indicated by Sheppard’s mapping (see above).

A later AR (18255) focused on land near Rooney Lake. The exploration results were neither geographically accurate nor useful.

A geological compilation of area in digital form (Massey, 1994, 2005) contains contacts assembled in part from previous assessment reports. The Quatzino limestone in this compilation occupies a larger area in the vicinity of the claims than on Muller's map (ibid).

The author has been active in the area since 2000 and several Prospector's Grant reports and Assessment reports have been filed. They document location of several newly located mineralized showings, possibly all part of a single large hydrothermal system (see AR 26930, 27070, 27463, 27736, 27745, 28327, 28328, 28747, 28927 and 30121.

Thus, work to date has shown sporadic and widespread mineralization of copper and silver with occasional gold values that occurs in veins, amygdales and shears in basaltic country rock adjacent to a large granodiorite batholith as well as skarn showings along their contact.. The country rock is part of the Karmutsen Formation comprising mainly feldspar-phyric basalt, as amygdaloidal or massive flows, or as thin sills (+/- dykes) with intercalated with minor beds of limestone and associated clastics, overlain by thicker beds of Quatzino limestone and locally by Parsons Bay formation. New roads have exposed new sub crops and the area under discussion is mainly underlain by the Vancouver Group.

Summary of work done

The area worked this period is mainly in the northern part of the claim . Newly cut areas and roads were prospected and the geology checked and samples collected for assay and petrography. The work area would be about 10 ha, Work was done in tenures , 515027, 515028, 515029, 515030, 515033, 521073

Acme Analytical Labs :

Geochemical assays method 1F (ICP-MS for 53 elements)

Report VAN08000203.3, prorated 19/64

Report VAN09000516.1 prorated 3 /18

Reports VAN09001779 (24) and VAN09001780 (14) all.

For a total of 60 samples as well as 3 WR, Method 4A4B

Petrographic analysis of 22 specimens

Detailed data and interpretation

Purpose

This work is aimed at locating more showings in the claimed area in order to achieve a critical mass which would make it an attractive and optionable property.

General surficial geology

The Kringle-Consolidated Claim group straddles the north-north west flowing Adam River south of its confluence with Eve River. The river runs in a typical U shaped valley, between tall hills trending roughly the same north-northwesterly direction. Local areas of till have been noted in lower areas where road construction has laid it bare. At least three different terraces along the shores of the river indicate that the river has had a complex geomorphic history. The river is currently incising its course through thick, earlier river and till deposits. Bedrock occurs sporadically in the river bottom.

The river largely follows the outcrop trend of the Quatzino Limestone. Adjacent creeks seem to occupy north or northwest trending high strain/fault zones. The hills are variably covered with colluvium which overlie thin till deposits; only where logging roads expose sub crops, or in outcrops on cliff faces and/or steep sided valleys are bedrock visible.

Regional Geology

Contacts between country rock and batholith are possible regions of metal concentrations. Basalts of the Karmutsen Formation, limestones of the Quatzino Formation and slivers of the Parson bay Formation are deformed, metamorphosed and metasomatised in the locally sulphidized contact of the Adam River Batholith (See figure 2).

Units

Vancouver Group

The units are generally as described by Massey (1994, 2005) but many lithological details are taken from Carlisle (1972). Greene has published details of the petrology of the basalts (Greene et al, 2006, 2007, 2009) and Nixon has published maps and descriptions of these units to the west (Nixon et al, 2007).

The Vancouver Group (Karmutsen, Quatzino, and Parson Bay Formations) underlies much of the region of the claims.

The *Karmutsen Formation* (or "subgroup" of Carlisle, 1972) is a low potash tholeiite basalt mass of remarkably consistent structure and thickness that constitutes the lower third of the Vancouver Group in this area. The lower 2500 to 3000 m. consists of classical closely packed pillow lava. At the top of this interval magnesian basalts are seen (Keogh Picrites, Greene, 2007) The next 600 to 1000m consist of pillow breccia and aquagene tuff, typically with unsorted beds ½ to 2 m thick in the lower half. The upper 3000m is composed of meter to decimeter thick both amygdaloidal and non-amygdaloidal basalt flows; Local beds are zoned with amygdular tops and massive cores. Some flows locally show possible pahoehoe structures in well exposed locations. Very little inter flow material has been located, indicating a lack of deep weathering between the eruption of the flows. In the upper third of the unit, thin, intercalated sporadic and commonly incomplete sequences of 3 to 20 m thick consisting of discontinuous bioclastic, micritic, cherty or tuffaceous limestone which are locally overlain by closely packed pillows, which are in turn overlain by pillow breccia and then, thick massive flows.

The structure of the unit is marked by gently folded and locally severely faulted areas. The folding is part of a regional shallowly north plunging antiform. The distribution of units also suggest east trending folds of small amplitude. The faults and well developed lineaments trend north and north westerly directions as well as easterly directions and separate large panels of gently dipping lavas. Slickenlines indicate that the preserved (latest?) directions of slip are largely transverse.

The volcanic rocks have been largely regionally metamorphosed into upper zeolite facies ranging upward into lower greenschist grades. Albitized feldspars, amygdules and veins of pumpellyite, prehnite, epidote, calcite, and chlorite are widely noted. Adjacent to contacts with later intrusives, higher grade amphibolite bearing assemblages are more common.

Considerable regional variation is shown on aeromagnetic maps, including local positive anomalies, within the area underlain by the Karmutsen, indicating that magnetite concentrations of the volcanic rocks are not uniform and/or parts of the area is underlain by highly magnetic bodies. It would appear that the northwest trending aeromagnetic anomaly crosses the regional north north east dip of the basalts. Recently it has been demonstrated that more magnesian members are much less likely to be magnetic.

The *Quatzino Formation* is a thin ribbon traversing the country in a north-northwest direction, to the northeast of the Karmutsen Formation. Regionally, it is seen to stratigraphically overlie the Karmutsen, and is known to vary in thickness from as much as 500 m to the west near Alice Lake to a thinner 150 m or so further east. In the Adam River area it is a distinct, easily recognizable unit, but the thickness is in doubt, because where best exposed it is in a ductilely deformed contact with the granodiorite. The Adam River follows part of its outcrop pattern.

The formation consists of grey limestone beds. Where undeformed it is a coarsely bioclastic, light grey, indistinctly bedded and non fissile (Carlisle, 1972). Where deformed near plutons it becomes a light grey, finely recrystallized limestone. Fossils indicate that the Quatzino Formation is upper Triassic in age (mainly Karnian, perhaps partly lower Norian (Muller et al, 1974, Nixon, 2007).

The expected negative aeromagnetic signature is poorly defined on large scale geophysical maps shown on MapPlace although the limestone is not magnetic. More detailed aeromagnetic surveys are necessary to delineate in detail, the outcrop pattern.

The *Parson Bay Formation* is considered to overlie the Quatzino Limestone. According to Carlisle, 1972, it is characterized by thinly laminated alternating fissile and non fissile black carbonaceous limestone with extremely fine grained siliceous matrix. Small slivers were recognized along the contact with the pluton, mainly northwest of Keta Lake, but it seems to to be in slivers to the northwest, as the Adam Lake Pluton cuts through the unit to impinge directly on the Karmutsen basalts further to the northwest. It is likely that some of the silty reaction skarns intercalated with black limestone noted on the property, north of the 250km marker represent some thin relic thin lenses of Parson Bay Formation recently recognized along the western flank of the Adam River Batholith.

Jurassic Intrusives

Jurassic granodiorite to diorite underlies the area to the east-northeast of the Adam River. It has been called the Adam River Batholith (Carson, 1973, Muller, et al, 1974). It is about 4 km wide and trends northwesterly in excess of 10km.

It consists mainly of mesozonal granodiorite. Rocks studied are mainly medium to fine grained biotite-hornblende granodiorite and quartz diorite with a locally elevated content of mafic minerals. In thin section, pyroxene cores to amphibole grains are noted. Local veining of darker phases by lighter more feldspathic phases are common. At contacts the volcanic rock inclusions are transformed into dioritic inclusions and limestones become skarn and marble

rafts.

Carson (1973), suggested that the Adam River was emplaced as a sill, along the Quatzino Formation horizon. He suggested that the sill was shaped as a gentle syncline and figured the geology in the general Adam River area on his Fig. 15 (Carson, op cit). An anticline has been postulated to the west currently expressed at surface by the Karmutsen Formation. The sense of movement of a synkinematic sill would be upper units to move away from the synclinal core. That would predict an east over west component in folds and faults. Continued examination of this hypothesis over nine years of field work by this author has resulted in it being *rejected.* The intrusive contact is vertical and crosscuts units, cross cutting the Parsons Bay Formation in the vicinity of Keta and Tlowils Lakes and intruding the underlying Quatzino further to the northwest. The Karmutsen Formation across the Adam River to the west, has dips that are directed to the north-north-east and would be expected to young in that direction. Instead they seem to be structurally thickened by cross faults. The younger Quatzino and Parsons Bay Formations rocks are found adjacent to (ie along strike length) and in probably fault contact with a thick section of basalt, and the predicted Quatzino and Parsons Bay Formations have not been located at the top of the dipping basalts to the north as mentioned above. Instead, given that an apophyses of granodiorite crosses the Adam River (and the Quatzino limestone), and is emplaced in the Karmutsen, it seems highly likely that the Batholith was intruded along a pre-existing north westerly directed steep fault between the Karmutsen Formation to the west and the younger Quatzino limestone and Parson Bay to the east.

K-Ar dates of 160 Ma. on Hornblende and 155 Ma. on biotite from a quartz diorite of this batholith confirm the mid Jurassic age and suggest it to be intruded contemporaneously with the deposition of the andesitic volcanic Bonanza Group (which is well displayed to the west, near Bonanza and Nimpkish lake.

Contacts are known to be hornfelsed for short distances, with local skarnification near and in limestone beds. Locally, as near 250 km marker on Highway 19, ore skarns are well exposed, as they are a km north, . Orientations are steep and complex at near the contact. There is much evidence that the Karmutsen is in fault contact with the overlying Quatzino Limestone, and not in a simple stratigraphic relationship.

The high concentrations of magnetite in these I-type intrusions are well reflected in the regional positive aeromagnetic anomalies over these plutons.

Dykes

Based on very preliminary field evidence, supported in part by prior observations made by Carlisle (1972) in adjacent areas, there appears to be at least three sets of granitoid dykes in area. The dykes observed so far, are near the intrusive contact of the main pluton.

From oldest to youngest they are:

Feldspar Porphyry “folded into tight folds” may predate the main plutonic mass.

Deformed, and allergically altered and mineralized porphyries (locally brecciated).

and later “fresh” Feldspar and Hornblende porphyries with planar or irregular contacts.

In the northern part of the claim group late basaltic dykes (diabase) cut metamorphosed basalts and are metamorphosed themselves. In

Regional structures

The area of interest lies within the shallow east north east dipping homocline of Triassic rocks and the Adam River Batholith, called by Muller et al (1974), the White River Block. It is bounded to the west by a major fault, the north northwest trending Eve River Fault. To the north the Johnson Strait Fault terminates the block, the eastern and southern borders are faults on adjacent map sheets. The faults in the claimed area are sub parallel to the border faults, or are second or third order subsidiaries of it. It is thought that these faults contain a large normal component but a dextral transverse component is often mentioned in reports and shown in outcrop as sub horizontal slickenlines.

Dip directions of the massive basalt flows within each fault panel differ somewhat suggesting some jostling of fault blocks. The majority of dips of flow tops and intercalated bedding recorded by the author are more northerly than easterly. The area is more structurally complex than implied by a simple homocline, since the regional structure predicts that the youngest rocks should be to the north, instead, the Parsons Bay Formation (the youngest in this sequence) in this area, are found near Keta Lake, or far southeast of where they would be expected, in a simpler structural milieu.

Apparently, a fault along the Adam River which post dates the pluton, probably with strike slip motion; the fault is probably long lived, since it seems that it predates the pluton as well with a sense of west side up. West of the pluton, the younging in the Karmutsen is to the east northeast. On the east side of the Adam River pluton the younging is to the south, implying an east west trending syncline.

As noted above, the intrusive rocks were probably emplaced along prior faults in the vicinity of the current course of the Adam River. These are faults that are parallel to the length of the Cordillera, hence are called orogen parallel faults. This type of faulting plays a large role in localizing some mineral deposit in other places in the world, notably Chile. It is highly likely that these faults have stayed active during later transverse faulting episodes.

The region is noted for copper bearing veins and have been described as " copper veins in basalts" by Gunning (193?). Muller et al.(1974) repeat this categorization and assigns the showings in the vicinity of the claims to his category C; "veins in basalts". Minfiles in the general area include 092L-163, 170, 249, 222, 165, 166, 167, and 168.

Regional Geophysics

The magnetic character of the Adam River Batholith is well expressed on regional aeromagnetic maps. Of some interest is a magnetic domain of similar magnitude seemingly located over Karmutsen Basalts as shown in Figure 2. The contact, between the magnetic batholithic rocks and the non magnetic limestone is not well defined on the low resolution aeromagnetic map. Instead a sharp magnetic boundary is located several km to the west

separating non magnetic basalt from magnetic basalt. The boundary is not parallel with strikes and dips determined for the basalts, but cross cuts across them instead, to roughly parallel the contact of the Adam River pluton.

The Cu vein showings and prospects are located within in this anomalously magnetic region.

Property geology

Introduction

Karmutsen Formation of the Vancouver Group largely underlies the claims under discussion, especially west of the river, the Quatzino Formation underlies the Adam River, small pockets of Parsons Bay are found near the contact and the Jurassic Intrusives are found largely on the northeast side of the river. (see Figure 2).

Formations

The area to the west of the Adam River is mainly underlain by the upper part of the *Karmutsen Formation* stratigraphy, comprising mainly thick massive flows with local intercalations of amygdaloidal basalt and pods of autoclastic breccias, pillowed and massive flows with thin intercalations of volcaniclastic and limey sandstones all cut by thin dolerite/gabbro sills. Several textural types of basalt have been noted in area. Most common are feldspar phyric fine grained basalts. Local variant include those with abundant microlites and altered glass in the groundmass. Others are some what coarser of grain. All varieties are locally amygdaloidal, varying from showing small occasional spherical amygdales filled with low temperature minerals to specimens with large irregular and locally joined amygdales. Coarser versions may represent later sills or possibly the centers of thick slowly cooled basalt flows.

The basalts are locally seen in stacked, massive, many metre thick units. Locally lava tops have been recognized. Local pillow basalts are well exposed quarries (where they yield excellent road metal); locally a pillow sequence of closely packed, sub meter sized pillows have been seen to pass laterally into a massive flow. The basalt units generally dip north to northeasterly with shallow to moderate dips. The basalts are variously veined and fractured.

Previously a suite of “unaltered” basalts from this general area show background values of about 110 ppm copper and 0.3 or less ppm silver.

The *Quatzino Formation* is a thin ribbon traversing the country in a north-northwest direction, to the northeast of the Karmutsen Formation. It is seen in recrystallized and deformed ribbon in road cuts along the highway. The thickness is not known. The Adam River follows part of its outcrop pattern. Where deformed near plutons, as in these claims, it becomes a light grey, finely recrystallized limestone. The limestones are remarkably pure calcite. Small elliptical

grains of calcite and the prominent cleavage direction are elongated in direction of the layering. Locally, where intruded, they both host reaction and ore skarns.

The expected negative aeromagnetic signature is scarcely noticeable on a map of aeromagnetic field (Figure 2) although the limestone is not magnetic. More detailed aeromagnetic surveys are necessary to delineate the outcrop pattern.

The *Parson Bay Formation* is considered to overlie the Quatzino Limestone. According to Carlisle, 1972, it is characterized by thinly laminated alternating fissile and non fissile black carbonaceous limestone with extremely fine grained siliceous matrix. Several skarnified outcrops on the east side of the river, near the granodiorite contact were visited and sampled. Rusty, locally apparently economically interesting mineral concentrations are located in and near the skarns. The skarns are garnetiferous with grandite (grossularite + andradite) the most common variety.

Jurassic Intrusives

In the claims under discussion Jurassic *granodiorite to diorite/gabbro* underlies the area to the east-northeast of the Adam River. It consists mainly of mesozonal quartz gabbro/diorite. Rocks studied are mainly medium to fine grained biotite hornblende granodiorite and quartz diorite with a locally elevated content of mafic minerals. In thin section, pyroxene cores to amphibole grains are noted. Local veining of darker phases by lighter more feldspathic phases are common. At contacts the mafic volcanic rock inclusions are transformed into dioritic inclusions, limestones become skarn and marble rafts and siliceous siltstones become rusty hornfels. At the contact, orientations of bedded host rocks are steep and complex. Highway 19 exposes some wonderful ore skarns near 250 km marker as well as some (to the NW) about a km or so, up the road.

Dykes

Several episodes of dyke intrusion have affected claim area. From the oldest to the youngest they are discussed below. The newly mapped dykes are shown in Figure 3,

Type 1/ Karmutsen related steep and shallow dykes (sills) of diabase, few becoming coarse enough to call gabbro. Often with abundant feldspar phenocrysts

Type 2/ Early salic/felsic dykes, complexly deformed and transformed into endoskarn, largely with garnet (grandite) and locally well mineralized. The original Kringle Showing is at one of these. They occur mainly in the deformed Quatzino Limestone near the contact with the granodiorite, and would seem to predate it. Across the river, there are few examples known, but a flat white dyke in the wall of the Puff showing, near the mineralized shear may be an example.

Type 3/ Deformed andesite dykes, also occur mainly in the Quatzino Limestone near the contact, but they are much less deformed, mainly into open folds and cut by NS and EW faults. Dykes to the west across the Adam River, like the dyke breccia that is mineralized at the Puff showing may be an example.

4/ Planar, non deformed relatively unaltered andesite dykes (feldspar porphyries) occupy EW faults and would seem to be the latest. An excellent example is the feldspar porphyry located at the original Kringle showing. Mineralization is not commonly associated with this generation.

Mineralization

Mineralization in the form of amygdular fillings, skarns, shear zones, brecciated dykes, and veins filled with quartz, epidote, bornite (+/-local chalcocite) were noted in the earlier prospecting. Locations of stations with grab samples with an excess of 0.1% copper are shown in figure 2.

Previous work in the general area has located copper mineralization. In the sixties a few selected mineral samples with 25% copper and 0.78 opt gold from Boyes Creek area excited the prospecting community. Exploration work was carried out sporadically in the area over the next 4 decades. The Kringle-consolidated Claims currently covers about 189% ha, a large area of local mineralized showings including Minfiles 092L-163, 170 and 249 in the north They also include several newly located showings as noted in several recent ARIS Reports. Drilling in the 60's at Minfile 092L-163, includes 5 holes, only a small part of the core was analyzed, and the best result was including 0.53% over 1.5 m, at hole 1. At minfile 092L-249 a partially analyzed hole yielded 0.48% over 3.6 m..(AR 3795). A chip sample from a new locality (Puff) yielded . 98%. copper over 2.2 m. (AR27070)

New showings, found by the author, have been detailed in recent assessment reports (ARIS: 26930, 27070, 27463, 27736, 27745, and 30121 with at least fourteen locations with large (1 kg or larger) grab samples containing well over a percent copper, silver values up to 67 ppm and gold values up to 1169 ppb. See Figure 2. These values indicate the presence of locally interesting mineralization but give no indication of grades or volumes.

Detailed sampling results

Prospecting

Prospecting occurred mainly in the north along newer logging roads. July trip

We spent several days in Karmutsen and noted a; north dipping diabase, sill, also a thin vein in a shallow north dipping massive sheet flow

Exploring near the contact more Parsons Bay otc were found, and where intruded by dykes, skarns were present

Geology.

The main features of the geology have been discussed previously. The focus of this investigation was the dykes in the area. Some early salic dykes are mineralized whereas later planar feldspar porphyries are not. Dykes, noted this year ,are shown on Figure 3.

Several episodes of dyke intrusion have affected are. From the oldest to the youngest they are discussed below.

Karmutsen related steep and shallow dykes (sills) of diabase, few becoming coarse enough to call gabbro. Often with abundant feldspar phenocrysts (examples from this year include samples 112, 113 as “sills” in the Karmutsen and 159 as a feeder dyke to the Karmutsen basalts.

Early salic/felsic dykes, complexly deformed and transformed into endoskarn, largely with garnet (grandite) and locally well mineralized. The original Kringle Showing () is at one of these. They occur mainly in the deformed Quatzino Limestone near the contact with the granodiorite, and would seem to predate it. This season samples from 80 and 168 and 172 are examples. Across the river, there are few examples known, but a flat white dyke (109B) in the wall of the Puff showing, near the mineralized shear may be an example.

Deformed andesite dykes, also occur mainly in the Quatzino Limestone near the contact, but they are much less deformed, mainly into open folds and cut by NS and EW faults. A number of these were mapped for this report, south of the Kringle showing along the highway. Dykes to the west across the Adam River, like the dyke breccia that is mineralized at the Puff showing may be an example.

Planar, non deformed relatively unaltered andesite dykes (feldspar porphyries) occupy EW faults and would seem to be the latest. An excellent example is the feldspar porphyry located at the original Kringle showing. Mineralization is not commonly associated with this generation.

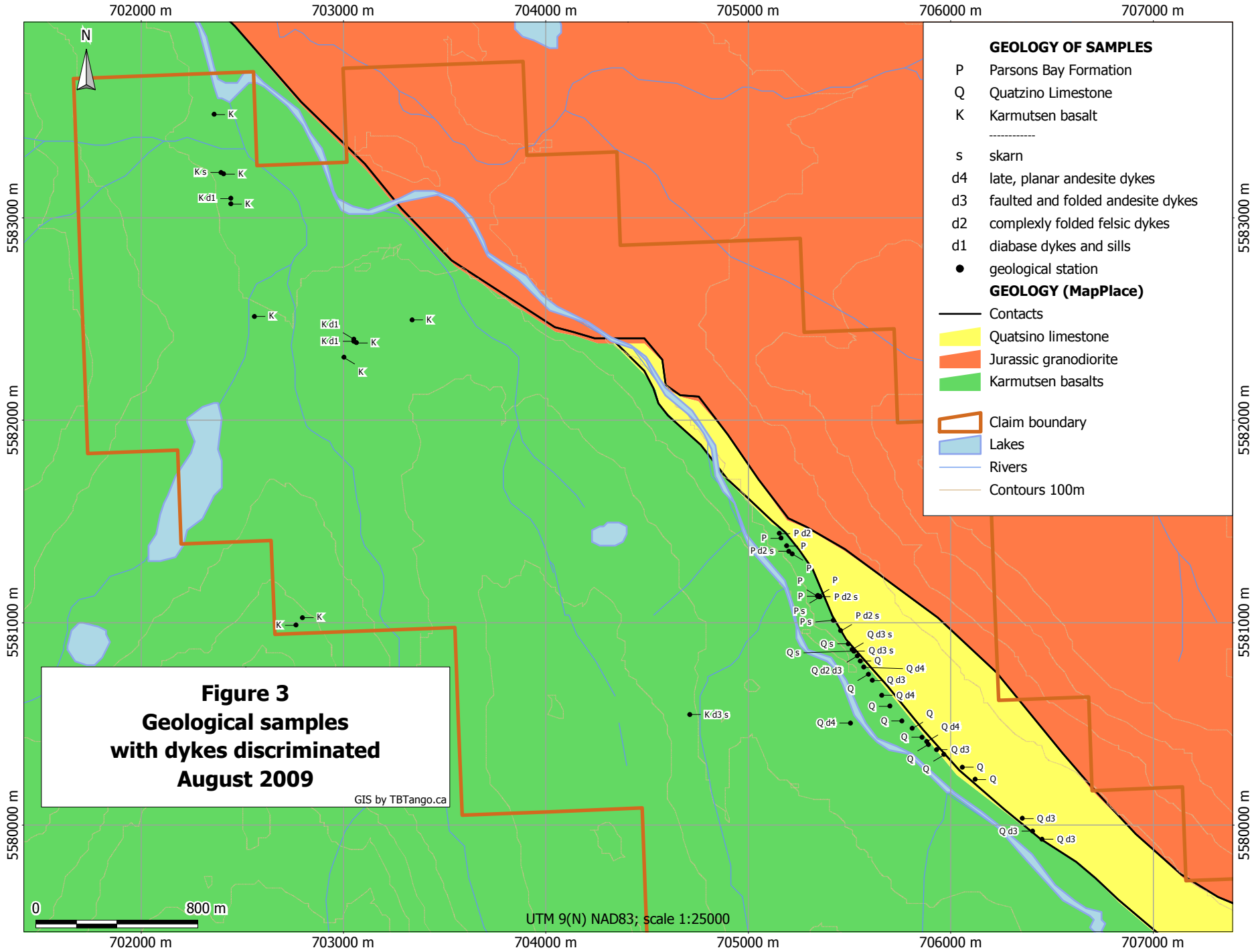
Assays

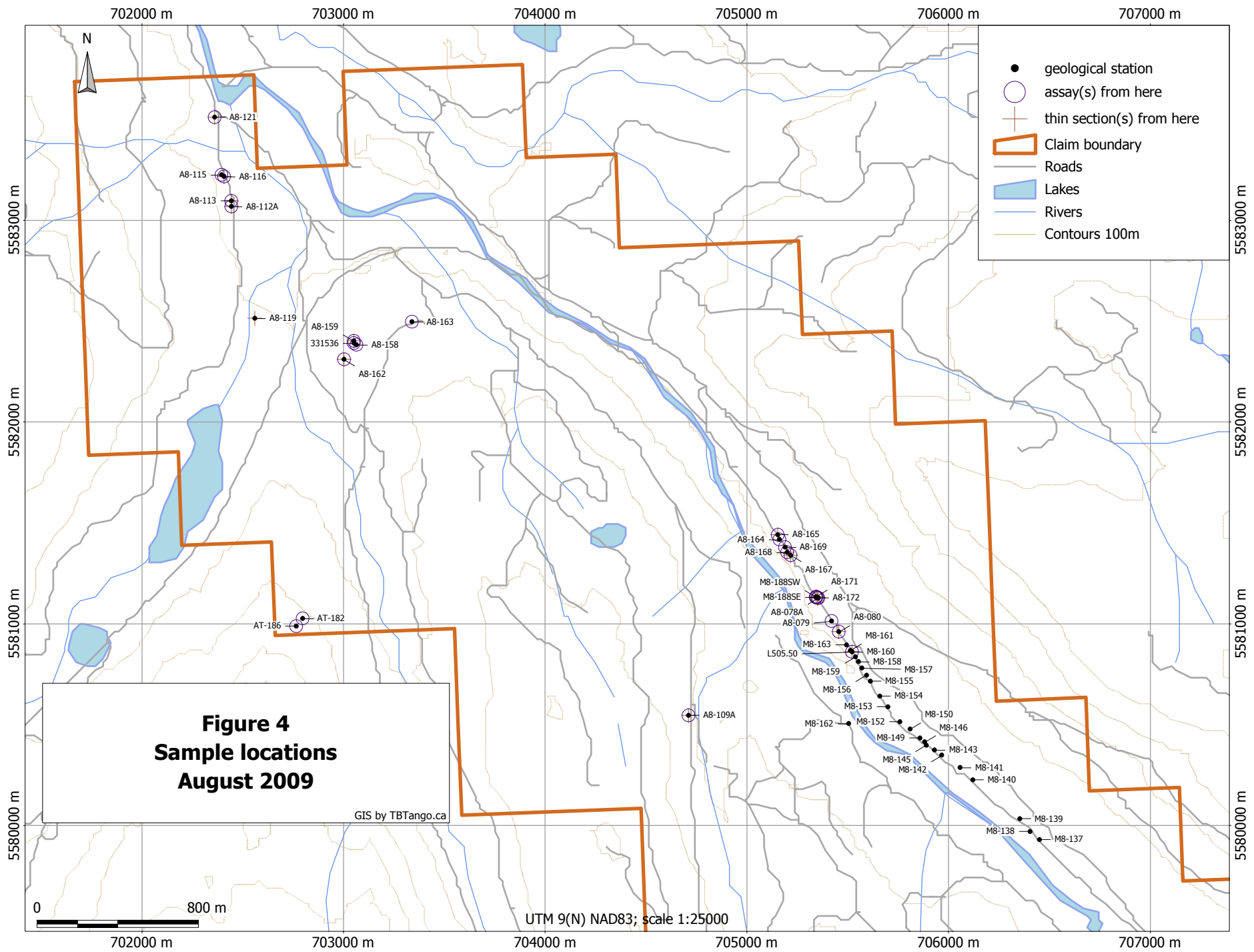
Samples were taken to assess the mineral potential of selected specimen . Annotated assay values are shown in Appendix A, and the Assay sheets along with QA/QC data are in Appendix D. Samples are located on Figure 4, and new Copper assays are shown on figure 5.

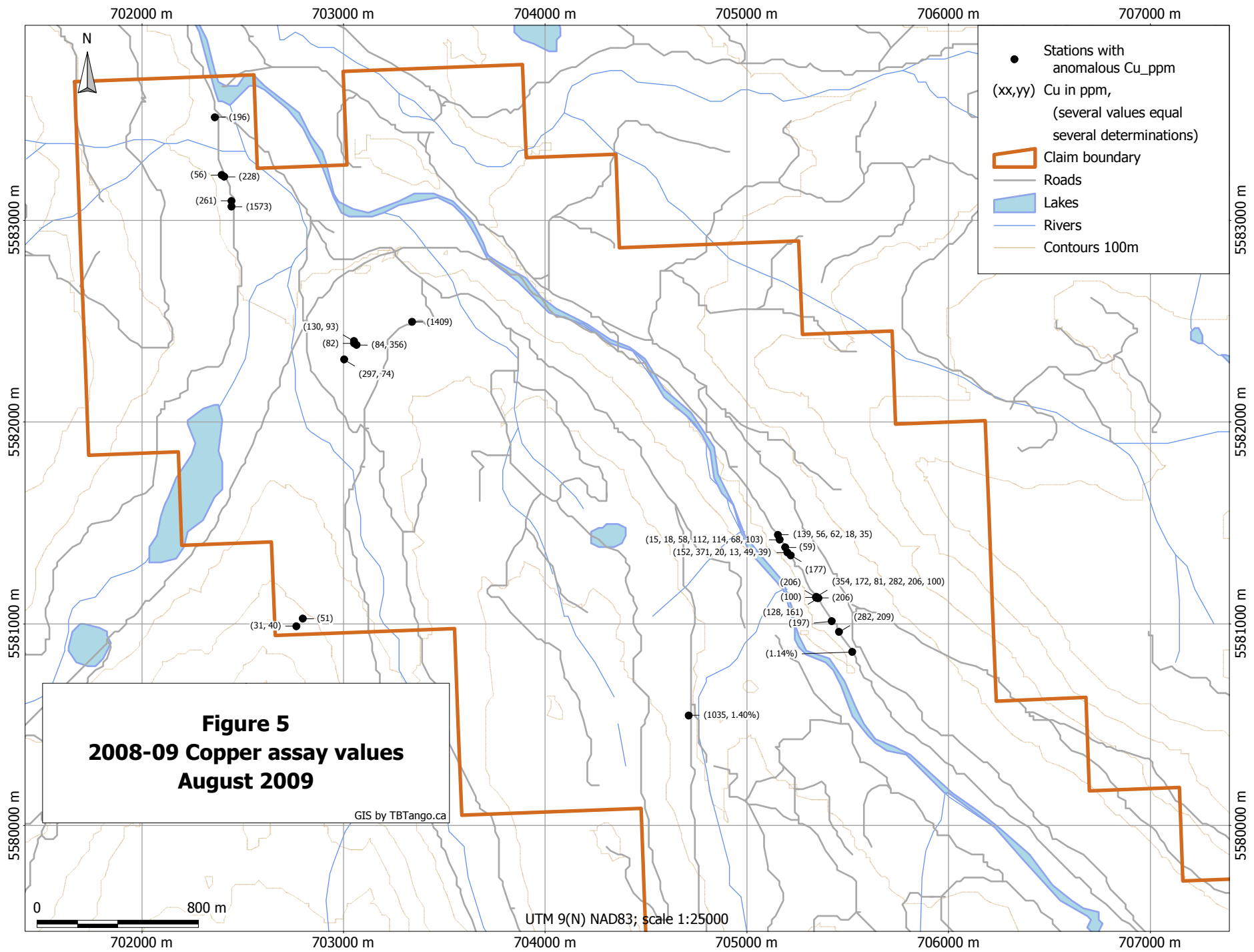
The best assays of samples of about ½ to 1 kg were selected because they were mineralized; they include:

From Puff Quarry 109A is host basalt with 1035 ppm Cu, the skarn (109a1) near the shear zone runs in excess of 1% Cu and 52.6 ppm Ag.

From Kringle a piece of garnet skarn with thin veins and disseminations of sulphides runs


702000 m
703000 m
704000 m
705000 m
706000 m
707000 m
5583000 m
5582000 m
5581000 m
5580000 m
N
GEOLOGY OF SAMPLES
P Parsons Bay Formation
Q Quatzino Limestone
K Karmutsen basalt
s skarn
d4 late, planar andesite dykes
d3 faulted and folded andesite dykes
d2 complexly folded felsic dykes
d1 diabase dykes and sills
geological station
GEOLOGY (MapPlace)
Contacts
Quatsino limestone
Jurassic granodiorite
Karmutsen basalts
Claim boundary
Lakes
Rivers
Contours 100m
Figure 3
Geological samples
with dykes discriminated
August 2009
GIS by TBTango.ca
0
800 m
UTM 9(N) NAD83; scale 1:25000


N
geological station
assay(s) from here
thin section(s) from here
Claim boundary
Roads
Lakes
Rivers
Contours 100m
A8-121
A8-115
A8-116
A8-113
A8-112A
A8-119
A8-159
A8-163
331536
A8-158
A8-162
AT-186
AT-182
A8-109A
A8-164
A8-165
A8-168
A8-169
A8-167
M8-188SW
A8-171
M8-188SE
A8-172
A8-078A
A8-079
A8-080
M8-161
M8-163
M8-160
L505.50
M8-158
M8-159
M8-157
M8-155
M8-156
M8-154
M8-153
M8-150
M8-162
M8-152
M8-146
M8-149
M8-143
M8-145
M8-142
M8-141
M8-140
M8-139
M8-138
M8-137
Figure 4
Sample locations
August 2009
GIS by TBTango.ca
0
800 m
UTM 9(N) NAD83; scale 1:25000
702000 m
703000 m
704000 m
705000 m
706000 m
707000 m
5583000 m
5582000 m
5581000 m
5580000 m


N
Stations with anomalous Cu_ppm
(xx,yy) Cu in ppm, (several values equal several determinations)
Claim boundary
Roads
Lakes
Rivers
Contours 100m
(196)
(56)
(228)
(261)
(1573)
(130, 93)
(1409)
(82)
(84, 356)
(297, 74)
(15, 18, 58, 112, 114, 68, 103)
(139, 56, 62, 18, 35)
(152, 371, 20, 13, 49, 39)
(59)
(177)
(206)
(354, 172, 81, 282, 206, 100)
(100)
(206)
(128, 161)
(197)
(282, 209)
(1.14%)
(31, 40)
(51)
(1035, 1.40%)
Figure 5
2008-09 Copper assay values
August 2009
GIS by TBTango.ca
0
800 m
UTM 9(N) NAD83; scale 1:25000
702000 m
703000 m
704000 m
705000 m
706000 m
707000 m
5583000 m
5582000 m
5581000 m
5580000 m

in excess of 1% cu and 12.341ppm Ag

New locations hosted in basalt include 112A with 1573 ppm Cu and 163B with1409 ppm Cu. Skarn from 079 carries 179 ppm Mo and 2180 ppm V! Sample 188 SW is a powder from a 5 cm wide bed in Parsons Bay siltstone with 2.9 ppm Ag, 19.6 ppm U, 1.08% P and 12 ppm B.

Petrography

Standard thin sections were prepared by Vancouver Petrographics and were studied by A Wild Binocular Stereoscope and by a Nikon Labophot-pol petrographic microscope.

Locations of detailed results are presented on figures 4, and in detail in Appendix B.

Plates 1 to 2 in Appendix B present photomicrographs of selected textures and rock types. Generally the samples were altered, if not by early burial metamorphism, then by skarnification; some were cataclastically transformed.

Interpretations

Future exploration will be guided by the finding that only certain dykes are likely to have been mineralized

Along the highway a new skarn area, with Kspar alteration with sulphides (mainly pyrite) has been located, as yet no interesting sulphides have been located there.

The known showings continue to yield ore type samples.

Conclusions

The geology of the claim group has been verified from previous sources and new field work. It reveals that a sequence of the Vancouver group comprising the Triassic Karmutsen Formation, consisting largely of feldspar-phyric basalt but with intraformational limestone lenses intercalated near the top; the overlying Quatzino limestone; and siliciclastic and limy sediments of the largely upper Triassic Parsons Bay formation that was deformed and faulted along orogen parallel faults, along which, felsic dykes and later mid Jurassic plutons were emplaced. The presence of early deformation, mainly of the brittle type, allowed circulation of fluids supplied and energized by the pluton yielding local alteration and mineralized volumes.

Later geologic history is known to be complex and includes post intrusion transverse faulting and low temperature veining but is not yet understood in detail in this area.

Within the Kringle-consolidated Claims sulphide accumulations studied over the years, include local iron sulphide rich veins and replacement masses, more common chalcopyrite veins, molybdenite bearing garnet veins, copper rich skarns, pyritic veins and disseminations in granodiorites and dykes, and pyrrhotite layers in reaction skarns. Pyrite and chalcopyrite are found in mineralized shear zones. Another mode of mineralization is found in sheared, feldspar porphyry bearing, sulphide cemented breccias within the Karmutsen Formation. Prospects and showings lie along a three km wide magnetic anomaly developed along the edge of Adam River pluton.

The Kringle-consolidated claim group is a grass roots project with many local showings. The location and extent of a postulated hydrothermal system is still being explored. There is a possibility that all new showings and already located Minfile locations in the country rock are part of a single large mineralizing system, in which case, this region may become a significant prospect. A number of different mineral deposit models may be appropriate to describe mineralization in the region. It is possible that several types of mineralizing mechanisms have been telescoped.

Recommendations for future work

The showings have merit, but finding a sufficient volume to be financially viable remains a challenge. Ongoing work on these tenures should be continued. More showings should be tested for their alteration suites and sulphide contents. Hand held methods which penetrate only to shallow depths such as BeepMat surveys can be conducted adjacent to known showings..

It is further recommended that the copper anomaly in the claims be more completely characterized. A work program could include:

Silt sampling of all creeks (above or away from roads with suspect road metal)

Chip sampling at localities that previously yielded high assay values from grab samplers

Soil sampling along subsoil “extensions” of mineralized trends

To find the extent the magnetic phases (magnetite, pyrrhotite) of the ore skarn (positive anomalies) and local shears and veins (negative anomalies), a magnetic survey is clearly indicated. To find the extent of conductive portions (sulphide concentrations) of the mineralized zones one of several types of electromagnetic survey can be contemplated; the size of the exploration commitment would seem to dictate the method. A low flying helicopter survey combining aeromagnetic and EM methods may be most efficient method to focus ground based exploration. With enough interest, perhaps an airborne gravity survey could also be appended. The extensive magnetic susceptibility and density database already collected in several assessment reports would provide local control data.

References

Anon, 1918
Lucky Jim; BC Minister of Mines Report, p.K270.

Carlisle, D., 1972
Late Paleozoic to mid Triassic sedimentary-volcanic sequence of northeastern Vancouver Island; in Report of Activities, Nov-March 1972, GSC Paper 72-1B, pg 22-29.

Carson, D.J.T., 1973
Petrography, chemistry, age and emplacement of plutonic rocks of Vancouver Island, GSC paper 72-44.

Carson, D.J.T., Muller, J.E., Wanless, R.H. and Stevens, R.D. 1972
Age of contact metasomatic copper and iron deposits, Vancouver and Texada Islands, BC; Geological Survey of Canada, Paper 71-36.

Cho, Moonsup, Liou, J.G, and Maruyama, 1986
Transition from the zeolite to prehnite-pumpellyite facies in the Karmutsen metabasites, Vancouver Island, BC: Journal of Petrology, vol 27, pp. 467-494.

Eastwood, G.E.P., 1965
Replacement magnetite on Vancouver Island, BC; Economic Geology, vol 60, p. 124-148.

Gifkins C., Herrmann W, Large R., 2005
Altered Volcanic Rocks: A guide to description and interpretation; University of Tasmania. Centre for Ore Deposit Research, 275 pg.

Greene, AR, Scoates, JS, and Weis, D.
Wrangellia Terrane on Vancouver Island, British Columbia: Distribution of Flood Basalts with Implications for Potential Ni-Cu-PGE Mineralization in Southwestern British Columbia; Geological Field work 2004, Paper 2005-1 p. 209-220.

Greene, A.R., Scoates, J.S., Nixon,G.T. and Weis, D.,2006
Picritic Lavas and Basal Sills in the Karmutsen Flood Basalt Province, Wrangellia, Northern Vancouver Island, BC; Geological Field work 2005, Paper 2006-1 p. 39-51.

Ikona, C.K., 1985
AR 14284, Assessment Report on the Adam Claim.; BC Dept of Mines.

Kuniyoshi, S. and Liou, J.G., 1976a
Contact metamorphism of the Karmutsen Volcanics, Vancouver Island, B.C.; Journal of Petrology, vol 17. pp.73-99.

Kuniyoshi, S. and Liou, J.G., 1976b
Burial metamorphism of the Karmutsen Volcanics, northeastern Vancouver Island, B.C.; American Journal of Science, vol 276. pp.1096-1119.

Kwak, T.A.P., 1994
Hydrothermal Alteration in Carbonate- Replacement Deposits: Ore Skarns and Distal Equivalents *in* Lentz, D.R., ed, Alteration and Alteration Processes associated with Ore-forming systems: Geological Association of Canada, Short Course Notes, V11, p. 381-402.

Lowe, C., 1999
Application of the Magnetic Method in Mineral Exploration: Fundamentals and Recent Developments; in Geophysics in Lowe, C, Thomas, M.D. and Moris WA, editors, Mineral Exploration: Fundamentals and Case Histories, Geological Association of Canada, Short Course Notes, Volume 14, pg 131-162.

Massey, N.W.D., 1994, 2005
Geological compilation, Vancouver Island, British Columbia (NTS 92B, C, E, F, G, K, L, 102I); BC Ministry of Energy, Mines and Petroleum Resources, Open File 1994-6, 5 digital files, 1:250 000 scale.

Muller, J.E., Northcote, K.E., and Carlisle, D., 1974
Geology and Mineral Deposits of Alert-Cape Scott Map Area, Vancouver Island, British Columbia; Geological Survey of Canada, Paper 74-8, 77pg and map 4-1974.

Mottershead, B., 1971
AR3235 Geochemical Report on the Sayward Property (Bruce Dennis Kevin Groups) Adam River in Nanaimo Mining Division, BC for CONOCO Silver Mines Ltd.; BC Dept of Mines.

Northcote K.E., and Muller J.E. 1972
Volcanism, Plutonism, and mineralization on Vancouver Island: Bull Can Inst Mining and Metallurgy, Oct 1972, p. 49-57.

Peters LJ, 1988
AR 18255 Report on Geological, Geochemical and Geophysical Survey on Adam Claim Property; BC Dept of Mines.

Ray, G.E., Webster, I.C.L., and Etlinger, A.D., 1995
The distribution of skarns in British Columbia and the chemistry and ages of their related plutonic rocks; Economic Geology, vol. 90, p 920-937.

Richardson, RW, 1969
AR 1859, Report on Newconex Exploration in Sayward area.;BC Dept of Mines.

Sangster, D.F., 1969
The contact metasomatic magnetite deposits of southwestern British Columbia; GSC Bulletin 172, 85pg.

Schau, Mikkel, 2000 (unpublished)
Report on PAP grant 95-2000, submitted to BC dept of Energy and Mines

-do-, 2001
Report on PAP grant 91-2001, submitted to BC dept of Energy and Mines

-do- 2002,
Report on the preliminary Geology, Petrography, and Petrophysics of the KRINGLE property, assessment report AR -26930, BC Dept of Energy and Mines..

-do- 2003,
Report on the Preliminary Geology and Petrography of the Puff Property; Assessment report AR -27070, BC Dept of Energy and Mines..

-do- 2004
Preliminary geology and litho geochemistry of the Pastry Macaroon & Oreo claims; Assessment report AR -27463, BC Dept of Energy and Mines

-do- 2005
A prospector's report Krisp 1-6 claims; Assessment report AR -27736, BC Dept of Energy and Mines

-do- 2005
Prospecting Report on the Klejne 1-2 Claims; Assessment report AR -27745, BC Dept of Energy and Mines

-do- 2006
Prospecting Report on the Kringle Consolidated Southern Portion; Assessment report AR 28327, BC Dept of Energy and Mines

-do- 2006
Prospecting Report on the Kringle Consolidated Property Northern Portion; Assessment report AR 28328, BC Dept of Energy and Mines

-do- 2007
Prospecting Report on the Kringle Consolidated Property Central Portion; Assessment report 28747, BC Dept of Energy and Mines

-do- 2007
Report on some Veins and alterations (preliminary petrography, magnetic susceptibility and density studies) of Kringle-consolidated Claims; Tlowils Lake to Rooney lake Area in 092L040... Nanaimo Mininmg Division; Assessment report AR 28927, BC Dept of Energy and Mines

-do- 2008
On Alteration in southern part of KRINGLE-Consolidated Claim Group, Keta Lake Area, Nanaimo Mining District; Assessment report AR 30121, BC Dept of Energy and Mines

Sharp, W.M., 1969
Geological Report on the Boyes Copper Prospect located near the Adam River, Sayward Area, BC, in Nanaimo M.D.; BC Dept of Mines, AR1993.

Sheppard and Associates, 1972
Geological Report on the Billy Claims Group, Sayward Area, Nanaimo MD, Vancouver Island BC; BC Dept of Mines, AR3795.

Sillitoe, RH, 2003
Iron-oxide-copper-gold deposits and Andean view: Mineralium Deposita, vol 38, p787-812.

Surdam, RC, 1968
The Stratigraphy and Volcanic History of the Karmutsen Group, Vancouver Island, BC; University of Wyoming Contributions to Geology, V.7, p.15-26.

Author's qualifications

I, Mikkel Schau

have been a rock hound, prospector and geologist for over 50 years. My mineral exploration experience has been with Shell, Texas Gulf Sulfur, Kennco, Geophoto, Cogema and several public and private mining juniors. I have worked 10 years in southern BC and spent 23 years with the GSC as a field officer focused on mapping in northeastern Arctic Canada. For the last 13 years I have prospected and mapped in Nunavut, Nunavik, Yukon, Ontario and BC.

I reside at 1007 Barkway Terrace, Brentwood Bay, BC, V8M 1A4

My formal education is that of a geologist, I graduated with an honours B.Sc. in 1964 and Ph.D. in Geology in 1969, both, from UBC.

I am a P.Geo. (25977) in BC . I am currently a BC Free Miner, # 142134.

I have 100% interest in the claims in question.

I am the author of the report entitled "*Assessment Report: Focus on Dyke Suites in the northern part of KRINGLE-Consolidated Claim Group, Rooney Lake Area, Tenures 515027, 515028. 515029, 515030, 515032, 515033, 515034, 515386,515924, 515925, 515926, 515930, 516017, 521073, 529780, Nanaimo Mining District"* and dated May 26, 2009.

Signed

Mikkel Schau, P. Geo.
(25977)

, " and dated May 26, 2009.

Itemized cost statement

Wages			
July 8, July 25, 29 with Alec, 2008, August 19 with Alec, August 28, November 7, 2008, and May 7, 9,10, 2009 with Alec			
9 days	Mikkel Schau @ 600/day		$5400.00
Invoices from Alec Tebbutt			
July 25, 29 2008, 2 days @ 200 + travel expenses, invoice 08072501		693.10	
August 19 , 1 day @ 300 + travel expenses invoice 08090202		377.38	
,May 7, 9,10 3 days @ 300 +travel expensesinvoice09051801		1139.81	
	Subtotal Alec field Invoices		$2210.27
R and Board (in Sayward) 60/day/person			
15 people days			$ 900.00
Analytical Services			
Acme Labs			
report VAN08008203.3	1956.33x prorated 19/ 67=554.78		
report VAN09000516	512.30 X prorated 3/18 =85.38		
report VAN09001779		874.64	
report VAN09001780		421.89	
subtotal			$1936.69
Petrographic analysis			
20 TS @ 150 (includes cost of making them)			$3000.00
Report Writing			$ 750.00
GIS Service invoice08090201			$ 105.00
GIS Service invoice I08073001			$ 220.50
	TOTAL Expenses		***$14,500***

Appendix A; specimen descriptions and table of selected assay values

078A UTME 705355 UTMN 5581128 elev 217.9 m.
rusty altered section of wall

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca%**
4.26	132.1	601	4.1	0.95	4.60	**65.7**	35	5.54

Sample 2 rusty altered section of wall

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca%**
8.97	160.5	**1502**	5.8	1.06	5.11	**98.5**	35	5.17

079 UTME 705420 UTMN, 5581012, elev 220.7m
pinkish rock in wall

Mo *ppm*	**Cu *ppm***	**Ag *ppm*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
179.0	197.1	399	2.2	1.03	1.69	3.5	**2180**	10.35

080 UTME 705457, UTMN 5580960, elev 223.2 m,
080B dike

Mo *ppm*	**Cu *ppm***	**Ag *ppm*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.95	282.4	139	0.2	0.02	0.96	2.4	46	6.69

S080C mall sulphide veins from about 4m up wall

Mo *ppm*	**Cu *ppm***	**Ag *ppm*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.69	208.0	255	1.7	<0.02	4.26	28.4	31	2.19

08-109A, UTME 704711, UTMN 5580546, 313.8 m.
Otc, from Puff quarry along KC Main; soft slightly crumbly black and white sample from L side of quarry near edge of shear zone previously sampled

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.29	**1035**	42	3.8	<0.02	6.67	2.0	231	2.71

109A1
Puff skarn, garnet with disseminated chalcopyrite

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.21	**10000+**	**52,634**	63.9	2.76	18.22	0.3	139	0.32

08-112A, UTME 702444, UTMN 5583068, elev 195.0m
pillows, some sulphides, some malachite

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.12	**1573**	252	7.4	0.09	7.62	0.4	257	5.04

08-113 UTME 702445, UTMN 5583096, ELEV 202.5m..,
diabase

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.19	260.9	94	1.9	<0.02	6.02	0.4	236	2.73

115, UTME 702396, UTMN 5583224, elev 188.8 m.
Calcareous sample from outcrop W side of road 30m S of old claim post

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.11	56.09	18	1.2	<0.02	4.12	0.5	134	12.34

Calcite rich check mg Mn 1891 maybe ankerite?

116 UTME, 702409, UUTMN 5583216, elev 200.6 m.
rock,1,outcrop W side of road 10m S of 115, W of main shear zone, sample of punky black basalt

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.37	227.6	83	1.7	0.10	10.92	6.5	357	3.22

121 UTME 702361, UTMN 5583511, elev 177.2 m,
rock,1,sample from rusty section in quarry

Mo *ppm*	**Cu *ppm***	**Ag *ppm*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.54	196.3	50	1.3	0.57	4.47	4.5	183	1.45

AT182 UTME 702798 UTMN 5581025 ELEV 400.8
182A road KC120, otc, pipe vesicules in massive basalt;

Mo *ppm*	**Cu *ppm***	**Ag *ppm*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.29	51.73	20	1.9	<0.02	6.18	0.3	161	4.71

also
road KC120, otc, amygdule layer in basalt

Mo *ppm*	**Cu *ppm***	**Ag *ppm*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.28	66.18	21	1.5	<0.02	5.42	0.3	151	5.35

AT186, UTME 702766, UTMN 5580988 ELEV 413m.
186A outcrop w alternating epidote and chlorite bands Epidote rich band

Mo *ppm*	**Cu *ppm***	**Ag *ppm*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.37	30.72	19	25.8	<0.02	1.39	0.3	68	1.93

186C outcrop w alternating epidote and chlorite bands Chlorite rich band

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.40	40.12	15	4.7	<0.02	5.38	0.2	138	0.80

L505.50 UTME 705521, UTMN 5580860 230 m.
Grandite and pyrite with chalcopyrite

Mo *ppm*	**Cu *ppm***	**Ag *ppb*,**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
10.27	**1.14%**	**12,341**	4.7	5.05	15.39	51.5	326	9.83

Ca due to partial dissolution of garnet in acid

Location 158 UTME 703065 UTMN 5582382 elev 257.8m

r09-158A, small fragments of epidotized rock collected over 10 cm square area

Mo *ppm*	**Cu *ppm***	**Ag ppb**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.44	83.88	89	4.3	<0.02	1.95	24.3	128	3.16

r09-158B small fragments of rusty spotted epidotized and clay altered rock collected over 15 cm square area

Mo *ppm*	**Cu *ppm***	**Ag ppb**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.32	355.6	166	3.2	<0.02	3.81	24.7	124	1.31

LOCATION 159 UTME 703051 UTMN 5582401 elev 259.2 m
r09-159 WR TS crowded feldspar phyric diabase dyke cuts above rocks

Mo *ppm*	**Cu *ppm***	**Ag ppb**	**Au *ppb*,**	***S %*,**	**Fe%**	**As ppm**	**V ppm**	**Ca %**
0.31	130.2	**961**	40.3	0.02	2.91	**211.1**	138	1.42
0.3 **	122.5	0.9 ppm	30.8	0.02	13.67 as Fe2O3	219.0	357	10.50 as CaO

331535 same location as above
Rooney, special 1

Mo *ppm*	Cu *ppm*	Ag *ppb*,	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.26	92.5	78	57.0	0.08	3.96	0.2	158	0.67

SP2 331536 UTME 703051 UTMN 5582390 259m.
Rooney, special 2

Mo *ppm*	Cu *ppm*	Ag *ppm*,	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.43	81.66	45	2.2	0.02	4.1	0.3	118	1.48

Location 162 UTME 703003 UTMN 5582310, elev 276 m

R09-162 amygdular Karmutsen basalt with pink amygdales

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.19	269.6	97	3.1	<0.02	2.89	12.4	93	1.01

162B quartz epidote clay vein in pink amygdales in altered basalt

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
..0.15	74.32	42	4.2	<0.02	2.90	6.2	136	6.07

Location 163 UTME 703339 UTMN 5582496 elev 245.m

r09-163B minor sulphides (mainly pyrite) in selvage of vein/breccia in massive basalt

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.21	**1409**	220	4.2	0.09	3.85	4.3	129	5.73

S% seems low.,

Location 164 UTME UTMN Elev
p09-164A, talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
1.93	111.8	46	0.3	<0.02	1.61	2.0	51	2.84

p09-164B, talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
8.74	68.41	46	0.6	0.04	1.95	8.4	73	1.16

p09-164C, talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
9.52	103.1	101	0.6	0.04	2.69	6.3	64	2.20

Carries 133.7 ppm Pb

p09-164D, talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
9.42	57.66	43	0.7	0.03	2.11	7.3	77	2.56

r09-164E, probably 164E beige clay altered siltstone of Parsons Bay

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
3.40	18.10	32	0.7	<0.02	0.91	6.4	56	1.26

r09-164F, cherty siltstone of Parsons Bay clay altered

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
3.93	14.66	26	0.5	<0.02	0.64	5.6	45	1.33

r09-164G 3 by 5 cm blob of sulphides (mainly pyrite) in PB

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
2.61	114.2	179	1.6	2.50	6.26	33.4	64	1.46

Location 165 UTME 705153 UTMN 5581441 elev 212 m ,

r09-165A, rusty sulphide bearing skarn (gt?)

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.84	129.7	257	4.7	4.16	6.52	21.8	42	3.83

r09-165B, Epidote rich skarn with local sulphides (pyrite)

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
2.26	55.84	123	1.6	1.21	4.36	17	49	4.82

r09-165C, epidote, relic fp phens in altered matrix, small pyrite cubes

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.37	61.75	140	1.5	3.43	5.04	10.5	20	2.90

r09-165D, garnet skarn with minor sulphides

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.68	18.65	41	0.6	0.14	3.09	5.9	38	5.67

r09-165E partially altered feldspar porphyry with sulphides and hornblende??

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.32	34.90	8.6	0.5	0.70	3.13	5.4	45	4.93

Location 167 UTME 705217 UTMN 5581340 elev 209.2m.

P09-167 talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
8.03	176.6	100	0.9	0.12	3.79	3.2	149	1.67

Location 168 UTME 705201 UTMN 5581353 elev 213.3m

p09-168A talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
3.63	152	54	0.5	<0.02	2.71	3.2	90	1.30

r09-168B, fault slices of altered chloritic rock

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
3.03	370.5	312	0.8	0.29	2.20	<0.01	61	1.83

Also carries **552.1** ppm Pb,

r09-168C, clay altered soft beige rock GT?

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.90	20.20	22	<0.2	<0.02	1.31	2.8	43	1.33

r09-168D, Clay altered with pink fp patches hosted on FP porphyry

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.67	13.03	29	<0.2	<0.02	1.44	4.0	45	1.55

r09-168F, clay altered fp porphyry with rust spots about a cm across, probably much smaller blebs of py

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
1.02	48.67	43	0.2	<0.02	1.77	3.0	45	0.98

r09-168G altered salic fp porphyry with pink patches and spots of sulphides and rust

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.66	38.67	28	0.3	<0.02	1.67	1.9	48	0.61

Location 169 UTME 705190 UTMN 5581379 elev 209.9m

P09-169 talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
0.98	59.21	34	<0.2	<0.02	1.89	1.3	62	1.51

Location 171 UTME 705345 UTMN 5581134 elev 230.6m

p09-171A, talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
4.14	354	630	0.7	0.05	1.75	66.9	66	4.68

p09-171B, talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
5.50	172.7	400	1.3	0.09	2.71	61.2	119	4.58

p09-171C, talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
4.51	80.89	260	1.1	0.08	1.62	16.6	108	5.01

r09-171D black sulphide rich vein/elongate bleb 2 cm by 6 cm by 4 cm in altered salic clay altered host PTS, fragile and it broke, PTS not of mainly sulphide

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
11.79	282.6	615	2.8	2.90	10.81	57.4	115	4.38

p09-188 SW (also located at 171 powdery in situ weathering of thin 5cm layer in altered PB

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
3.13	206.2	**2910**	12.4	0.71	4.87	15.3	63	8.37

This carries 19.6 ppm U, 1.084% P, 172.1 ppm soluble Ba, 12 ppm B, 50 ppb Re,

p09-188 SE also located at 171 powdery in situ weathering of thin 10cm layer in altered PB

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
2.35	99.86	919	0.9	0.17	1.83	5.0	25	3.09

Location 172 UTME 70535 UTMN 5581128 elev 215.9m

p09-172 A, talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
11.87	206.1	454	2.1	0.15	3.80	31.1	91	5.97

p09-172 B talus below tan outcrop

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
5.90	127.9	244	1.3	0.05	1.86	24.9	72	4.72

r09-172C, rusty salic porphyry with local rusty blebs

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
1.24	175.3	240	1.7	1.10	1.70	13.8	37	9.82

r09-172D, rusty skarn with rusty sulphides

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
1.56	271.6	476	1.6	1.17	2.23	26.4	40	8.93

r09-172E, WR silicic fp porph with sulphide spots, small veinlets of sulphides

Mo *ppm*	Cu *ppm*	Ag ppb	Au *ppb,*	*S %,*	Fe%	As ppm	V ppm	Ca %
1.15*	220.2	271	1.0	0.66	1.31	17.6	41	8.82
1.1	222.5	0.2 ppm	3.0	0.63	4.36 as oxide	14.9	310	26.53/ 0.74 C

r09-172F WR

TS09-172F Altered salic feldspar porphyry with pink alteration and local rusty (sulphide) spots.

Mo *ppm*	**Cu *ppm***	**Ag ppb**	**Au *ppb,***	***S %,***	**Fe%**	**As ppm**	**V ppm**	**Ca %**
1.64	96.14	189	1.0	0.71	1.19	13.9	40	10.58
1.5	93.3	0.2 ppm	2.3	0.67	4.04	12.7	316	24.91/ 0.06C

Samples selected for whole rock analysis

	159	**172E**	**172F**
	Diabase dyke	Skarnified salic dyke	Skarnified salic dyke
SiO2	48.36	42.54	46.1
TiO2	1.94	0.78	0.73
Al2O3	14.39	15.29	14.81
Fe2O3t	13.67	4.36	4.36
MnO	0.2	0.14	0.14
MgO	6.23	4.27	4.64
CaO	10.5	26.53	24.91
Na2O	2.89	0.06	0.3
K2O	0.33	0.17	0.55
P2O5	0.17	0.08	0.47
LOI	1	5.5	3
Reported Sum	99.67	99.74	99.67

Appendix B Petrography

Sample Number 78A UTME 705355 UTMN 5581128 elev 218
BH-12

Rock Name

Hornfels developed in Parsons Bay Formation

Hand Specimen Description:

Rusty altered section of fine grained hornfels

Thin Section Descriptions

Mineralogy quartz as matrix and as small blebs in scapolite areas
clinozoisite/pale epidote masses of very small crystals replacing feldspars
scapolite regions possibly partly replacing feldspars
chlorite patches of relatively clear chlorite, nearly isotropic
titanite brown high relief, in part ,leucoxene
amphibole, low extinction angle, low birefringence, twinned, as prisms
calcite scattered throughout, possibly concentrated near veins.

Texture

Relic crystals rimmed or partly replaced by very fine grained neomorphic crystals

Structure

Massive, hornfelsic, small intergrown minerals
Veins few, of calcite and chlorite. One irregular vein/patch is pyrite and quartz

Sample Number 078B UTME 705355 UTMN 5581128 elev 218m

BH-13

Rock Name

Endoskarn contact of feldspar porphyry

Hand Specimen Description:

piece of felsic dike", local vugs

Thin Section Descriptions

Mineralogy

Relic Feldspar phenocrysts with relic twins in scapolite replacement

Scapolite, high second order birefringence as small grains to to larger patches replacing fp.

Matrix is largely replaced by variably sized grains of locally strained calcite and quartz,

Scarce diopside grains as porphyroblasts up to 1mm across

Texture

Relic porphyritic, neomorphic textures include local pyroxenes and hornfelsic matrix textures. Local strained crystal textures

Structure

Massive

Veins

Thin calcite

See Plate 2, 5 for a picture of scapolite replacing twinned plagioclase.

Sample Number 80A UTME 705457, UTMN 5580962 , elev 223m

BH-14

Rock Name

Skarn

Hand Specimen Description:

garnet skarn

Thin Section Descriptions

Mineralogy

90% Garnet (Grandite?) , slightly anisotropic, locally zoned against quartz, contains blebs of calcite

10% tiny crowded grains of thin prisms of wollastonite?

1% quartz

tr calcite small grains inside garnet

Texture

porphyroblastic with hornfelsic matrix

Structure

massive

Veins of calcite and rare quartz

See plate 2, 6 for zoned garnet against quartz

See plate 1, 4 open fill vein quartz in calcite matrix

Sample Number 80B UTME 705457, UTMN 5580960 , elev 223m BH-23 PTS

Rock Name

Skarn

Hand Specimen Description:

dyke rock now replaced by skarn minerals

Thin Section Descriptions

Mineralogy

Scapolite, in local pockets some mm across,

Titanite, brownish grains

local grains of pyroxene

quartz

very fine grained mixture of leucoxene, clinozoisite, quartz, rust

PTS did not show any identifiable opaque minerals, just “leucoxene”

Texture

porphyroblastic with hornfelsic matrix, local patches are coarser (up to 2 mm across)

Structure

Veins

Some of the irregular areas mentioned above may be irregular shaped veins

See plate 2.3 for good picture of scapolite

Sample Number 80C UTME 705457, UTMN 5580960 , elev 223m

BH-15

Rock Name

Hornfelsed feldspar porphyry dyke with local sulphide veins and vugs

Hand Specimen Description:

Hornfelsed dyke

Thin Section Descriptions

Mineralogy

plagioclase phenocrysts up to 4 mm across has been largely replaced by masses of small grains of pale epidote/clinozoisite

smaller feldspar phenocrysts, mafic microphenocrysts and matrix now consist of a very fine grained matrix of relic pyroxenes, titanite/leucoxene, clinozoisite and minor chlorite

opaques are mainly pyrite as small cubes

Texture

porphyroblastic (replaced phenocrysts) in a fine grained hornfelsic matrix

Structure

Massive

Scarce veins of thin clinozoisite and/or pyrite traverse slide.

See Plate 1, 1 altered feldspar phenocrysts in fine grained matrix

Sample Number 109B UTME 704711 UTMN 5580546 , 314m

BH-06 Feldspar phyric diabase, country rock

Rock Name

Altered diabase

Hand Specimen Description:

Dark crumbly sparingly porphyritic diabase/basalt at edge of shear zone at Puff showing

Thin Section Descriptions (PTS)

Mineralogy

Feldspar clinozoisite and albite

mafic patches now clinozoisite chlorite and relic pyroxene cores

smaller feldspar laths set in yet finer darker matrix of clinozoisite albite chlorite

opaques are coated in leucoxene

amygdale filled by epidote, quartz and minor chlorite

Texture

Porphyroblastic set in hornfelsic matrix

Structure

Diabasic texture cut by cm veins of skarn mineral veins

Veins of quartz, tremolite and/or magnetite cut assemblage

relic amygdale in diabasic texture

Sample Number 109C UTME 704711 UTMN 5580546 , 314m

BH-08

Rock Name

Mineralized skarn with magnetite pyrite and chalcopyrite from Puff quarrry

Hand Specimen Description:

Greeny brown rock with rusty and copper stained minerals, gangue is mainly epidote

Thin Section Descriptions(PTS, slab)

Mineralogy

60% Epidote

10% Quartz

10% Chlorite

15% Sulphides, abundant pyrite and chalcopyrite

5% Oxides include local magnetite and a red alteration product, possibly a copper alteration rims. Mineral is probably not plain rust, too red..

Texture

Magnetite and pyrite are locally intergrown in layers and veinlets, chalcopyrite is found with pyrite and in very thin veinlets

Structure

Layered

Veins of pyrite and local veinlets of chalcopyrite cut rock

Sample Number 112A UTME 702444 UTMN 5583068 , 195 m1

BH-19
Rock Name

feldspar phyric basalt pillows with some sulphides and malachite

Hand Specimen Description:

,"pillows, some sulphides, some malachite"

Thin Section Descriptions

Mineralogy

55% Plagioclase, some laths, some with swallow tails, locally agglutinated to form accumulations up to 2 mm across. Some of these are also rimmed by chlorite

Alteration is largely to clinozoisite, but several phenocrysts have been replaced by albite and pumpellyite

25% Pyroxene, version A now replaced by clear patches of chlorite with small leucoxene/titanite blebs and Pyroxene B which is scarce but is found in higher relief greenish patches with large extinction angles

10% opaques, very small grains, thin laths and powdery coatings.

10% matrix , an underestimate, but the powdery leucoxene dust, and rust obscure the mineralogy

Texture

Diabasic

Structure

Massive

Veins

Sample Number 113 UTME 702445 UTMN 5583096, elev 303m

BH-20

Rock Name

very fine grained diabase

Hand Specimen Description:

Diabase sill

Thin Section Descriptions

Mineralogy

60% Plagioclase, seriate from .2 mm to4 mm, altered to albite, clays, local pumpellyite in the cores

30 % Pyroxene, interstitial and altered greenish amphibole (Hb/act?) and chlorite

10% opaques includes magnetite as well as titanite and leucoxene.

Matrix obscured by all the other alteration minerals, mainly chlorite

Texture

Diabasic

Structure

massive

Veins, none

See plate 1 , 6 2 mafic types (px) and feldspar

Sample Number 116 UTME 702409 UTMN 5583216 elev 201m

BH-21
Rock Name

W of main shear zone, sample of punky black basalt ie cataclastic diabase

Hand Specimen Description:

Altered basalt

Thin Section Descriptions

Mineralogy

plagioclase to neomorphed albite and clinozoisite

pyroxene shapes are now chlorite and epidote and leucoxene

opaques are grains and powdery with abundant leucoxene obscuring much of fabric

calcite abundant in and near fault traces, along with calcite and opaques including leucoxene. dust

Well formed titanite wedges are found in the cataclastic gouge (neoformed??)

Texture

cataclastic breakdown of previous diabasic texture

Structure

faulted, with fault lozenges and comminuted scraps of diabase

Veins are of thin mainly planar prehnite veins

Sample Number 119 UTME 702560 UTMN 5582513 , elev 215m

BH-22

Rock Name

Feldspar porphyry (basaltic andesite?)

Hand Specimen Description:

andesite dyke

Thin Section Descriptions

Mineralogy

65% Plagioclase, up to 4 mm altered to clinozoisite/pale epidote, quartz and albite

30% pyroxene, 2 types?, first type, most abundant is now altered to tremolite /hornblende and pumpellyite pyroxene to altered grains and a less abundant type which is pyroxene (90 cleavage) and with opague clusters as cores to more alteration materials

opaques are scattered and dusty with leucoxene

matrix has a diabasic mix of altered feldspars as lathes and interstitial mafic and opaques.

Texture

Porphyritic with matrix showing interstitial mafics to the plagioclase.

Structure

massive

Veins

Sample Number 121 UTME 702361 UTMN 5583511 , elev 177m BH-09

Rock Name

massive Karmutsen basalt with thin sulphide bearing veins

Hand Specimen Description:

Med grey, fine grained basalt

Thin Section Descriptions (pts,slab)

Mineralogy

35% Plagioclase mainly altered to clinozoisite and clay set in albite and minor quartz

50% Pyroxene is largely replaced by a fibrous green amphibole and chlorite

15%Opaques

Magnetite as small grains, and local titanite grains as well as dark very fine grained dusting of oxides especially near the mafic parts

Pyrite in small cubes is scattered through part of the rock away from vein

Matrix

Texture

Diabasic; laths of plagioclase and interstitial pyroxene, opaques and minor matrix

Structure

Massive

Veins more than 2 cm thick, has small pyrite cubes along edges, with minor intergrown chalcopyrite and quartz with fibrous bundles of green hornblende/actinolite in center, A selvage adjacent to the vein is diminished in pyrite, but about 5 cm from the vein pyrite appears.

See Plate 1 , 5; green and tan mafics (2px?) in fine grained diabase

Sample Number L505.50 UTME 705521, UTMN 5580860 elev 230 m

BH-10

Rock Name

Yellowish tan garnetiferous skarn with sulphides along parting planes

Hand Specimen Description:

Yellowish tan garnetiferous skarn with sulphides along parting planes

Thin Section Descriptions pts,slab

Mineralogy

85% garnet, granular to massive with parting and small inclusions of quartz

10% Sulphides, mainly pyrite and chalcopyrite. They are mainly seen along parting planes, as well as in small cross veinlets. Some chalcopyrite is exceedingly fine grained and occurs as tiny inclusions within the massive garnet.

5% Limonite/ other secondary alteration products, there are two types of alteration, one is limonite and coats sulphides or shares a vein with sulphides, others seem to form monomineralic veins

Texture

Massive to micro veined (partings)

Structure

Massive to micro veined (partings)

Veins are of sulphides and could also be called partings:, they are quite abundant

See Plate 2 , 1; garnet and sulphides

Sample Number 09-159 UTME 703051 UTMN 5582401, 259 elev

B-02

Rock Name

Feldspar phyric diabase found crosscutting amygdular basalt , it would be a local feeder dyke.

Hand Specimen Description:

Feldspar phenocrysts set in basaltic matrix, some what coarser than country rock.

Thin Section Descriptions

The presence of two types of pyroxene in this rock raises the possibility of this having a noritic gabbro composition? A chemical composition is seen in another appendix.

Mineralogy

Feldspar are altered clinozoisite/pale epidote and albite

Pyroxene, 2 types, one is buff augite and is seen as cores with high relief, second order Birefringence and large extinction angles, the other is greenish and now a mixture of green amphibole and chlorite

op ague grains and laths and leucoxene dust

matrix is mainly obscured or seen to be chlorite

Texture

Diabasic, grains from .2 to 1 mm

Structure

Massive

Sample Number 09-162 UTME 703003 UTMN 5582310, 276 elev m

B-0

3 5 meter wide epidote rich alteration zone with pink feldspars, developed in diabase cut by local fault (epidote, calcite, and pyrite). Sample is from alteration zone

Rock Name

Altered basalt

Hand Specimen Description:

Karmutsen basalt with pink amygdales

Thin Section Descriptions

Mineralogy

Plagioclase, phenocrysts up to 4 mm across set in matrix of .05 mm laths of plagioclase altered to epidote and albite, locally with rims of chlorite

Pyroxene interstitial to plagioclase and altered largely to chlorite

opaques as grains, and leucoxene dust

matrix obscured, but mainly chlorite

amygdales filled with plumose epidote (after prehnite?) quartz and dusty rust/hematite

Texture

microporphyritic diabase

Structure

massive

Veins

See plate 2 , 2; shows plumose epidote in amygdale

Sample Number 09-165D UTME 705153 UTMN 5581441 212 , elev

B-12

sample of Parsons Bay siltstone taken 1 m from a faulted contact with vertical feldspar porphyry dyke (260/85) slickenside plunge 10 deg to the west

Rock Name

skarn with garnet epidote pyroxene

Hand Specimen Description:

sample collected as altered feldspar porphyry

Thin Section Descriptions

This is a very thick section

Mineralogy

buff coloured thick grandite showing sector twinning and oscillatory zoning

pyroxene local patches and very small grains clustered together

epidote as small grains of high relief black to blue and with high birefringence. Possibly in part, grinding compound introduced into section.

Texture

Porphyroblastic grandite and fine grained pyroxene

Structure

Skarn

Veins microveins of epidote

Sample Number 09-167D UTME 705217 UTMN 5581340 elev 209 m

B04

Rock Name

Thinly bedded calcareous siltstone of the Parsons Bay Formation (320/28 cut by 260/80 fault

Hand Specimen Description:

Thinly bedded siltstone

Thin Section Descriptions

Mineralogy

plagioclase fragments to 5 mm in size, also plagioclase in small diabase fragments,

calcite fragments from very fine grained up to 1 mm across

chlorite as matrix to some fragments

local quartz grains

Texture

Alternating layers of calcite rich beds, feldspar rich, chlorite bearing clays and black very fine grained featureless shale.

Structure

The calcite rich layers are locally deformed and show strain features

Veins of crossing calcite veins

Note: it is possible that the layering is a form of tectonic laminations, currently bedding is favoured

Sample Number 09-168G UTME 707201 UTMN 5581353 elev 213 m

B-06

Granitic dyke with potash feldspar rich contact and normal biotite hornblende granodiorite in center, this example is from the edge

Rock Name

Felsic edge of granodiorite dyke

Hand Specimen :

Thin Section Descriptions

Mineralogy

25% Quartz partly as crystal laths and partly in matrix

35% Plagioclase, mainly as twinned albite and intergrown with Kspar, Local alteration includes small grains of pumpellyite, and abundant brownish clay stain (the brownish stain is probably reason for pink colour.

35% Potash feldspar is abundant, as shown by a stained slab, and is mainly found intergrown with albite and serving host to to quartz grains Relief less than albite. Less brown clay, hence not as likely to be reason for pink colour.

3% Scarce mafic minerals are replaced by green amphibolite

2% Opaques, near mafic patches, local leucoxene and dusty opaques

Trace Monazite wedges

Texture

Granitic, quartz fragments set in intergrown feldspars and quartz with minor mafic and opaques

Structure

massive

Veinlets of prehnite (0.0x mm across)

See plate 1 , 3 showing granitic textures

Sample Number 09-168G1 UTME 707201 UTMN 5581353 elev 213 m

B-07

Name Granitic dyke with potash feldspar rich contact and normal biotite hb granodiorite in center, this example is from the edge

Rock Name

Hand Specimen Description:

Locally faulted altered salic feldspar porphyry with pink alteration and local rusty (sulphide) spots.

Thin Section Descriptions

Mineralogy

Quartz, relatively clear

plagioclase up to 5mm or more, altered and with buff clay alteration possibly cause of pink coloration of feldspars

potash feldspar less buff coloured, lower relief than albite

hornblende altered to chlorite

opaques are leucoxene dust

Texture

Granitic texture traversed by thin laminae of cataclastic

Structure

Local cataclastic with calcite and clinozoisite seams and comminuted local rocks with strain lozenges of feldspars

Veins of deformed calcite, quartz and opaques/leucoxene

See Plate 1 , 4 shows cataclastic laminae in granite

Sample Number 09-168G2 UTME 707201 UTMN 5581353 elev 213 m

B-08

Rock Name

Granitic dyke with potash feldspar rich contact and normal biotite hb granodiorite in center, this example is from the core

Hand Specimen Description:

Faulted granodiorite dyke in Parsons Bay Formation

Thin Section Descriptions

Mineralogy

15% plagioclase, laths set in a intergrown mixture quartz, and feldspars

49% Quartz, Plagioclase and Potash feldspars matrix

15% Hornblende? altered mainly to actinolite/hornblende, chlorite, and titanite

7% Biotite, brown altered in part to chlorite along many cleavage planes

3% Opaques

1% Titanite, brown grains with wedge shape

Texture

Granitic, local plagioclase laths suggest prior phenocrysts of plagioclase.

Structure

Massive

Sample Number 09-171D UTME 705345 UTMN 5581134 elev 231m

B-01

skarn in thinly bedded Parsons Bay also site of 188 samples

Rock Name

Garnet skarn

Hand Specimen Description:

Cataclastic, skarn

Thin Section Descriptions

Mineralogy

65% Epidote grains clustered together to make layers

15% Quartz clear grains

5% rusty chlorite

15 % Rust laminae, two types are shown in PTS, laminated limonite veins and an alteration with red internal reflections (possibly its goethite?), sometimes the two are intergrown, elsewhere the red is by itself in a vein. A third type of op ague in a thick vein showing coxcomb texture is probably hematite. Also minor leucoxene and fine dust

Texture

Porphyroblastic with local inclusions

Structure

Cataclastic

Veins of various alteration oxides, various thickness .01 to .06 mm

Sample Number 09-172E UTME 705351 UTMN 5581128, elev 215 m

B-09

multiply faulted granitic dyke emplaced in Parsons Bay Formation

Faults early 025/80, later fault 060/vertical, with subhorizontal slickenside, (apparently north moved east) cutting bedding at `150/ 85

Rock Name

Altered felsic dyke, possibly a latite dyke

Hand Specimen Description:

Altered salic feldspar porphyry with pink alteration and local rusty (sulphide) spots. Stained, showing abundant potash feldspar

Thin Section Descriptions

Mineralogy

30% Quartz

30% Plagioclase, albite,

35% Potash feldspar

o5% rusty patches and local staining

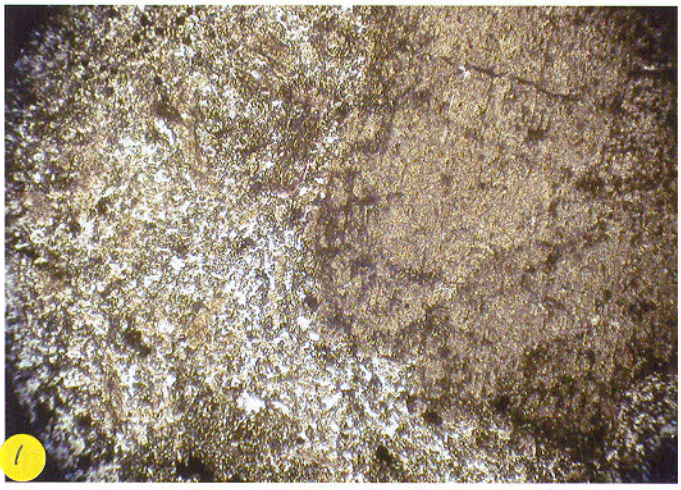
Texture

Porphyritic feldspars in fine grained matrix

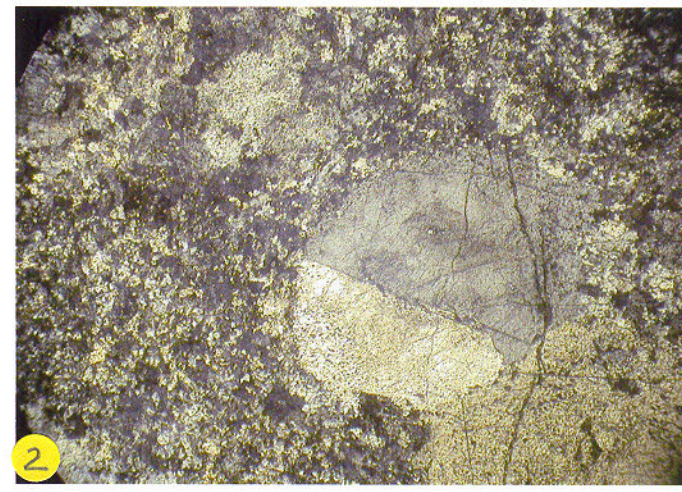
Structure

Hornfelsic and recrystallized dyke (no quartz phenocrysts)

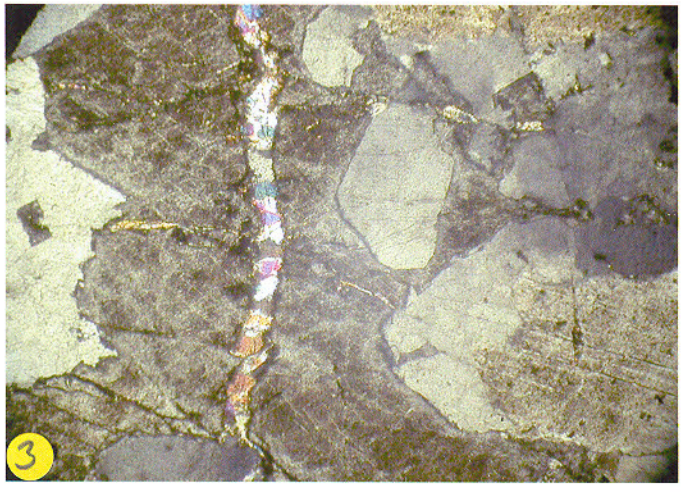
See Plate 1 , 2 showing altered feldspar porphyry



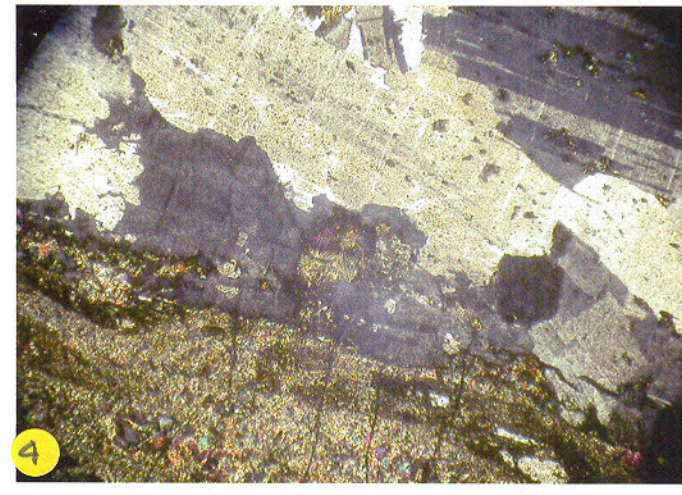
80C Feldspar phenocrysts in fg matrix, FOV 4mm, PPL



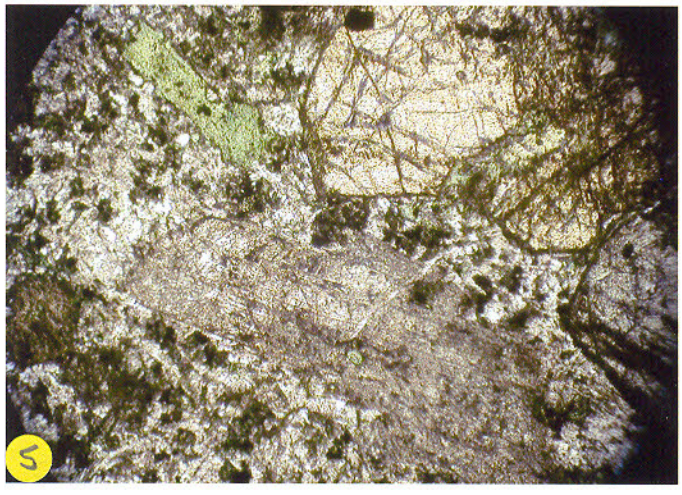
09-172E Feldspar phenocrysts in hornfels matrix FOV 4mm, X nicols



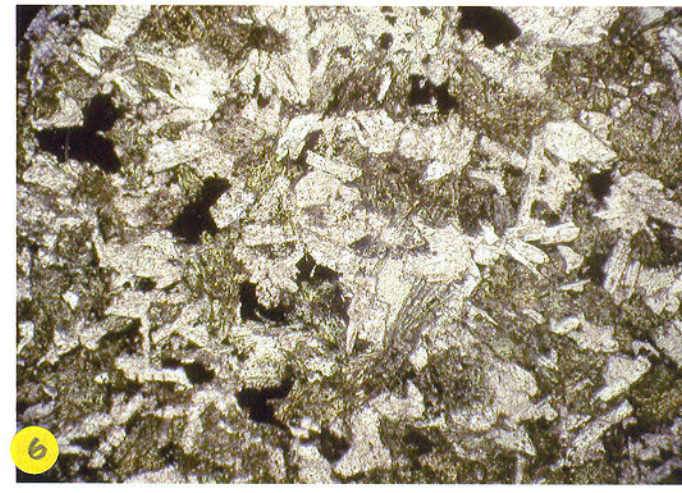
09-168G Granitic dyke with prehnite vein, FOV 4mm, Xnicols



09-168G1 Cataclastic layer in granite, FOV 4mm, Xnicols

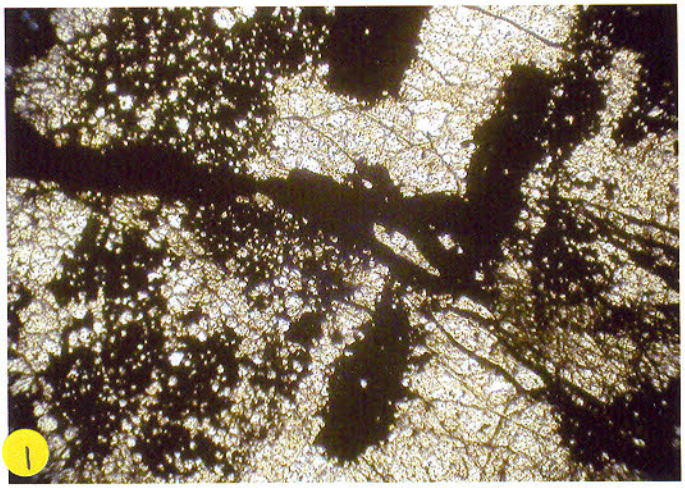


08-121 Diabase with 2 mafics and plagioclase, FOV 4mm, PPL

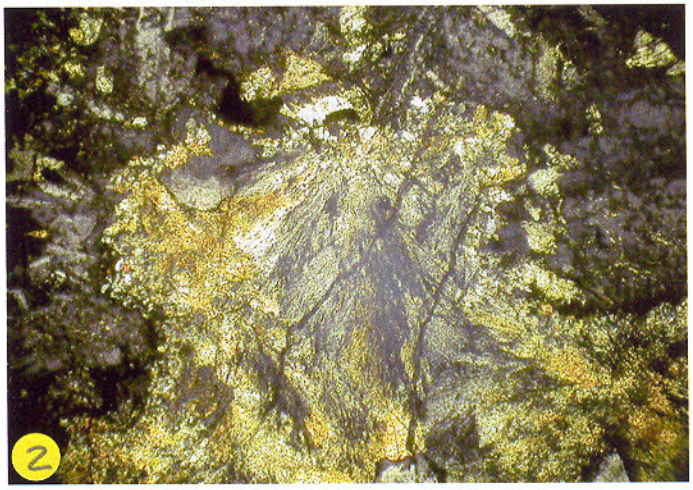


08-113 Diabase, 2 px and plag texture, FOV 4mm, PPL

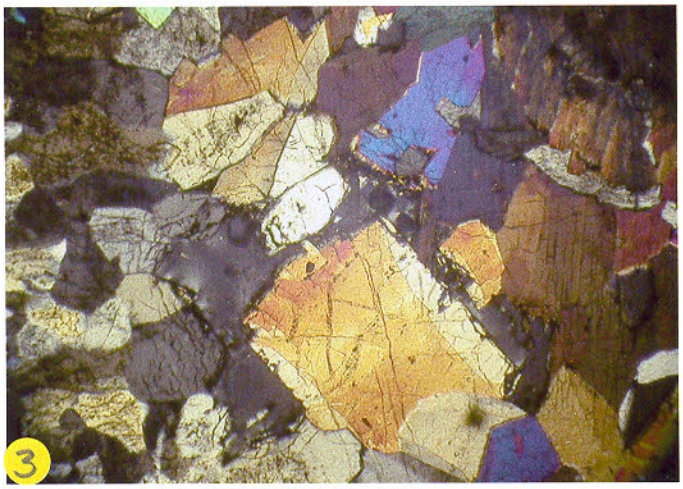
PLATE 1KRINGLE NORTH 2009



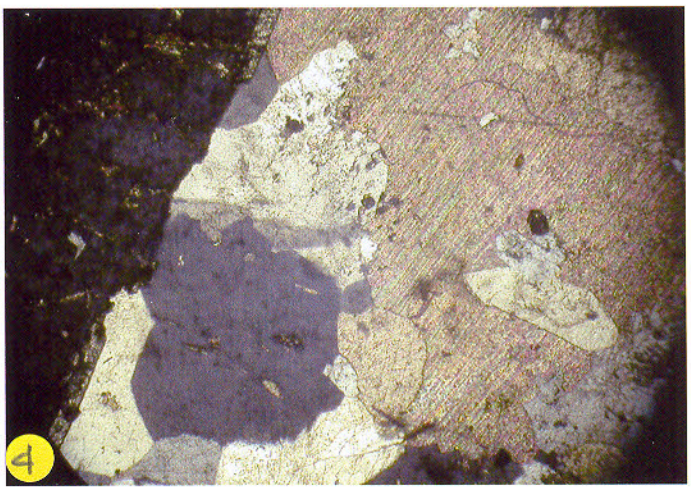
L505.50 Garnet and sulphides FOV 4mm PPL



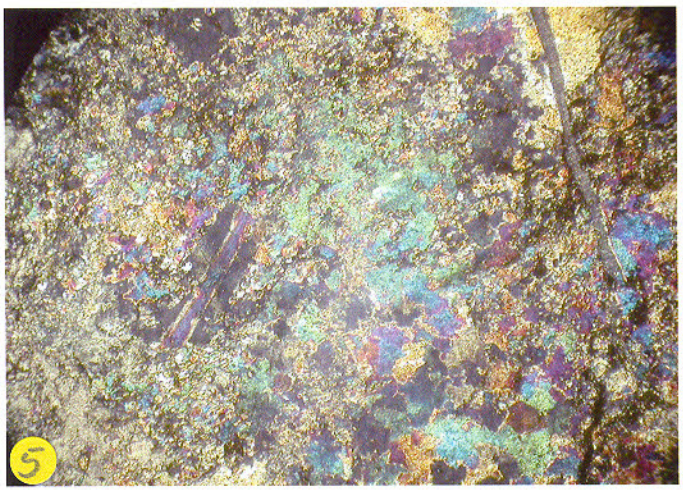
109B plumose epidote in amygdale, FOV 4mm, Xnicols



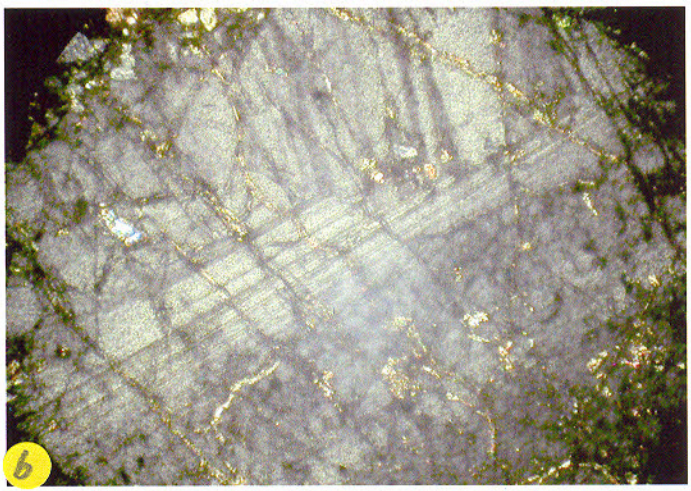
80B Scapolite cluster in skarn, FOV 4 mm, Xnicols



80A Late calcite and quartz, open fill.FOV 4 mm PPL



78B Scapolite replacing feldspar in dyke, FOV 4mm, X nicols



80A zoned garnet (grandite) FOV 4 mm, Xnicols

PLATE 2 KRINGLE NORTH 2009

Appendix C Dyke inventory, mapping south of 250 km marker

137 706452 5579930 218 10:14:21
lst, bed 1-10cm 330/45
3 m wide planar dyke brownish grey w/ epidote veining 022/75 mag sus 12.3, 6.77, 5.06
nw side lst grey cm beds 320/60
moreto the nw bedding is 320/45

138 706404 5579970 218 10:25:33
faulted off dyke

139 706354 5580033 218 10:28:49
5 m dyke 2 m dyke, 1 m dyke , 10 m , 1 m dyke
bedding 325/80

140 706121 5580226 216 10:33.41
start of otc crop
Fracture cleavage 310/55
bed dip 340/40
jts 50/v with white rexall, 10 cm irregular

141 706058 5580286 216 10:37.09
end of otc

142 705967 5580348 216 10:38.57
start outcrop, lst

143 705930 5580373 215 10:39.57
2 m dyke 050/v
bedding 320/53
fc 005/v over 10 m

also dyke in bedding,

145 705890 5580398 215 10:44.29
fault
146 705882 5580413 219 10:49.16
s edge of big dyke, fresh
147=148 end705869 5580413 217 10:50.42

149 705859 5580434 216 10:51.15

150 705809 5580477 219 10:55.07

151, no record
end of otc

152 705760 5580514 217 10:59.22
, 10m otc lst 033/70

153 705699 5580588 219 11.01.28
beginning otc,

154 705659 5580641 219 11.02.46
center of dyke, 4 m wide sheared dyke, sliver of limestone

155 705613 5580715 222 11.04.12
dyke complex
fc 065/v
44 m pace to 156
156 705594 5580745 221 11.05.34

157 705570 5580780 225 11.11.06
dyke with vertical border

158 705553 5580811 227 11.13.21
s fold steep plunging s fold

159 705539 5580836 227 11.16.06
dyke, 150c,

160 705521 5580860 230 11.18.12
main skarn gossan

161 705514 5580868 229 11.18.44
magnetite pod, rexalled lst

4444162 705504 5580504 231 11:19.09
fg dyke crosses contact

163 705494 5580895 230 11.20.02
end of massive structure

150 km marker
164 705499 5580905 231 11.20.40
165 705502 5580904 230 11.20.47
166 705503 5580904 232 11.20.54

end

Appendix D:Analytical Certificates

The sample numbers noted below apply to this report They are taken from

Acme certificate VAN08008203.3
078A, 078B, 079, 080A, 080B, 080C, 109A, 109C, 112A, 113, 115, 116, 118B, 121, 182A, 182B, 186A, 186C, L505.50

Acme certificate VAN09000516.1
331530, 331535, 331536,
22 so far

Acme certificate VAN0900 1779
24 samples

Acme certificate VAN0900 1780
14 samples

ACME ANALYTICAL LABORATORIES LTD.
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Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: August 12, 2008
Report Date: December 09, 2008
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN08008203.3

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 67

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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
R150	63	Crush, split and pulverize rock to 200 mesh		
1F15	63	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed
G6 Grav	4	Fire assay Au by gravimetric finish	30	Completed
G6	4	Fire Assay fusion Pt, Pd by ICP-ES	30	Completed
7AR	8	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed

ADDITIONAL COMMENTS

Version 3 : Revised gold data for sample 081C.

Invoice To: Schau, Mikkel
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4
Canada

CC:

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: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: None Given
Report Date: December 09, 2008

CERTIFICATE OF ANALYSIS VAN08008203.3

Method		WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
078A	Rock	0.61	4.26	132.1	2.28	30.8	601	9.3	5.2	154	4.60	65.7	1.2	4.1	0.3	85.2	0.64	0.45	0.07	35	5.54
078B	Rock	0.38	8.97	160.5	2.85	27.5	1502	9.8	5.4	134	5.11	98.4	1.1	5.8	0.2	75.6	0.63	0.74	0.09	36	5.17
079	Rock	0.97	179.0	197.1	11.72	1482	399	225.7	7.2	126	1.59	3.5	14.7	2.2	0.6	105.5	35.52	0.15	0.10	2180	10.35
080A	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.
080B	Rock	0.58	0.95	282.4	23.65	38.3	139	2.5	2.6	240	0.96	2.4	1.4	0.2	9.5	92.7	0.18	0.15	0.05	46	6.69
080C	Rock	0.69	3.73	208.0	1.79	54.1	255	17.9	19.4	262	4.26	28.4	1.1	1.7	0.4	70.7	0.70	0.26	0.06	31	2.19
081A	Rock	1.38	2.87	600.2	2.21	84.9	711	8.6	29.9	1663	13.66	16.6	0.2	17.9	1.4	7.9	0.16	0.15	0.50	195	0.86
081B	Rock	0.55	1.34	357.8	1.01	108.2	412	30.2	44.1	1957	14.18	11.2	0.1	10.8	0.7	20.5	0.14	0.03	0.32	537	1.14
081C	Rock	0.38	14.22	>10000	5.98	447.9	33815	33.4	182.0	697	16.83	28.0	0.4	64821	0.6	8.4	7.64	0.10	24.28	199	0.25
081D	Rock	0.52	7.63	730.1	3.61	89.5	1495	26.2	47.0	1316	14.30	21.3	0.4	645.5	1.0	12.6	0.38	0.14	1.01	269	0.54
081F	Rock	0.49	0.73	377.1	0.52	37.1	378	14.1	11.7	236	2.48	1.2	0.1	319.3	0.5	59.9	0.15	0.05	0.39	85	1.41
081G	Rock	0.62	0.35	82.70	0.71	36.0	75	14.1	10.4	362	2.48	0.5	0.1	22.4	0.4	108.1	0.17	0.06	0.04	92	1.33
081H	Rock	0.31	23.13	>10000	8.42	890.8	59790	26.6	218.2	465	16.59	35.0	<0.1	78949	<0.1	0.8	12.10	0.08	29.59	71	0.06
082NA	Rock	0.48	1.63	7710	17.22	1068	11604	22.5	94.2	2751	18.50	73.9	<0.1	389.4	0.7	2.4	11.48	0.49	5.42	406	0.39
082NC	Rock	0.69	1.89	5658	17.44	1116	9395	22.5	98.4	2873	19.33	79.5	<0.1	2014	0.7	1.9	11.58	0.43	6.83	403	0.33
082SA	Rock	0.26	1.33	3010	35.24	3504	6673	37.5	150.2	2186	22.71	171.8	<0.1	1094	0.5	1.7	40.10	0.56	10.15	297	0.39
082SC	Rock	0.47	1.99	2663	24.21	1365	5309	20.5	68.2	2501	17.24	56.7	0.2	67.3	0.7	1.8	14.12	0.25	3.54	400	0.38
082SD	Rock	0.34	18.03	877.7	45.02	903.0	2334	30.2	97.1	1584	16.12	63.5	0.3	145.0	0.6	2.4	9.13	0.32	4.93	367	0.22
082SE	Rock	0.39	1.64	455.5	4.73	195.3	1016	12.0	40.9	3025	15.18	8.4	0.2	59.0	0.9	2.3	0.48	0.09	1.59	390	0.43
086A1	Rock	1.09	20.53	223.0	48.03	248.3	1448	181.0	39.9	553	7.16	22.8	3.7	6.4	1.8	6.9	4.90	7.91	0.61	97	2.01
086A2	Rock	0.69	124.4	190.6	65.37	869.1	781	213.8	28.2	226	5.59	10.5	10.0	5.5	2.3	5.8	21.34	5.46	0.81	298	0.81
086A3	Rock	0.53	34.35	195.4	65.78	378.3	1899	126.7	29.3	164	6.12	16.6	6.8	8.0	1.9	3.2	8.49	13.57	0.58	159	0.46
087A	Rock	0.31	11.59	8193	3.01	168.5	9414	42.5	31.0	370	12.64	11.2	0.1	30.5	0.3	85.2	1.29	0.43	0.13	132	0.84
087B	Rock	0.81	1.60	1478	1.25	71.5	1488	29.1	21.5	384	4.78	4.0	<0.1	3.8	0.4	214.5	0.48	0.22	0.03	199	1.43
087C	Rock	0.94	14.42	183.2	23.33	273.0	945	84.6	19.7	125	4.05	7.9	2.1	5.1	1.0	3.6	5.89	4.15	0.42	88	0.30
088A	Rock	0.63	6.88	2425	3.22	53.6	1732	19.9	14.9	190	2.64	1.4	<0.1	65.0	0.3	95.3	0.79	0.31	0.09	126	1.64
088B	Rock	0.33	7.25	>10000	5.54	212.2	7846	28.9	26.3	166	3.48	15.7	<0.1	142.9	0.3	70.1	4.70	0.45	0.22	126	1.32
088C	Rock	0.13	2.43	5209	4.90	109.7	3453	24.0	18.6	222	3.11	13.1	<0.1	82.1	0.3	82.3	1.86	0.21	0.08	135	1.54
088D	Rock	0.35	123.9	168.9	10.65	1149	212	163.0	33.1	193	3.05	1.9	19.6	3.2	2.3	15.6	29.23	0.35	0.63	231	0.55
088E	Rock	0.15	2.48	2397	4.01	67.0	1533	25.6	17.4	221	2.55	16.6	0.2	34.1	0.4	58.5	1.00	0.25	0.06	148	1.52

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Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: None Given
Report Date: December 09, 2008

CERTIFICATE OF ANALYSIS VAN08008203.3

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	G6	G6
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Pt
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm/mt	gm/mt
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.17	0.01
078A	Rock	0.013	2.1	5.9	0.13	10.3	0.079	6	4.07	0.011	0.02	0.1	1.1	0.14	0.95	22	42.2	0.13	7.6	N.A.	N.A.
078B	Rock	0.013	2.0	5.9	0.11	13.3	0.088	6	3.76	0.014	0.02	0.2	1.1	0.52	1.06	19	86.6	0.35	8.5	N.A.	N.A.
079	Rock	0.043	9.1	125.1	0.02	1.0	0.112	8	1.85	0.004	0.06	0.4	6.9	<0.02	1.03	12	53.9	0.20	4.2	N.A.	N.A.
080A	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.
080B	Rock	0.098	14.4	3.9	0.14	2.5	0.111	<1	4.54	0.005	<0.01	0.4	5.7	<0.02	0.02	<5	1.3	0.07	8.8	N.A.	N.A.
080C	Rock	0.084	4.8	2.0	0.40	32.0	0.101	2	2.50	0.088	0.06	0.3	1.9	0.10	1.88	<5	12.6	0.08	4.4	N.A.	N.A.
081A	Rock	0.184	13.2	3.6	1.73	13.2	0.246	<1	4.47	0.016	0.02	0.2	19.3	<0.02	0.89	7	1.8	0.07	22.0	N.A.	N.A.
081B	Rock	0.131	7.8	1.4	2.41	6.1	0.182	<1	4.84	0.004	<0.01	0.2	19.6	<0.02	1.16	<5	1.9	0.23	22.1	N.A.	N.A.
081C	Rock	0.053	3.7	12.7	0.81	10.7	0.147	<1	2.30	0.019	0.02	0.1	9.4	<0.02	6.67	9	18.8	13.51	10.8	46.68	<0.01
081D	Rock	0.095	7.9	11.7	1.46	31.6	0.195	<1	3.77	0.028	0.02	0.1	15.0	<0.02	1.85	<5	4.6	0.25	16.7	N.A.	N.A.
081F	Rock	0.075	4.8	6.2	0.62	46.0	0.142	<1	1.69	0.246	0.04	<0.1	3.7	<0.02	0.17	6	0.5	0.14	5.2	N.A.	N.A.
081G	Rock	0.075	4.3	5.1	0.72	137.2	0.175	<1	1.76	0.192	0.04	0.2	4.9	<0.02	0.03	<5	0.2	0.05	5.5	N.A.	N.A.
081H	Rock	0.009	0.7	3.3	0.56	3.8	0.039	<1	0.97	0.002	<0.01	0.4	4.0	0.16	>10	37	29.6	13.69	5.3	74.25	<0.01
082NA	Rock	0.103	5.7	1.6	2.15	1.7	0.122	<1	4.69	0.001	<0.01	0.4	17.3	<0.02	7.34	10	12.5	0.68	21.1	N.A.	N.A.
082NC	Rock	0.094	5.4	2.8	2.21	2.1	0.120	<1	5.00	<0.001	<0.01	0.3	17.5	<0.02	7.75	9	13.8	1.12	23.0	N.A.	N.A.
082SA	Rock	0.068	3.9	1.8	1.55	0.9	0.128	<1	3.80	<0.001	<0.01	0.4	14.4	<0.02	>10	5	24.6	1.62	16.6	N.A.	N.A.
082SC	Rock	0.092	5.0	2.5	2.13	2.3	0.110	<1	4.78	<0.001	<0.01	0.2	17.9	<0.02	5.40	11	8.5	0.18	21.6	N.A.	N.A.
082SD	Rock	0.056	3.7	3.0	1.66	7.5	0.168	<1	3.51	0.002	0.01	0.2	18.0	0.14	6.92	14	14.6	0.28	21.6	N.A.	N.A.
082SE	Rock	0.133	8.1	2.7	2.54	1.8	0.142	<1	5.30	<0.001	<0.01	0.5	21.8	<0.02	2.60	<5	3.6	0.14	26.7	N.A.	N.A.
086A1	Rock	0.096	4.3	104.8	0.29	8.8	0.147	<1	0.29	0.046	0.01	0.1	3.8	0.35	4.62	64	31.2	0.28	1.7	N.A.	N.A.
086A2	Rock	0.102	8.9	196.9	0.61	10.2	0.154	<1	0.51	0.043	0.01	0.3	5.4	0.30	3.43	63	46.2	0.33	3.0	N.A.	N.A.
086A3	Rock	0.136	5.6	69.6	0.22	7.7	0.140	<1	0.16	0.056	<0.01	0.1	4.0	0.24	4.23	43	35.5	0.27	0.9	N.A.	N.A.
087A	Rock	0.102	2.8	23.3	1.17	91.4	0.149	<1	2.18	0.089	0.02	0.2	4.3	0.14	0.60	52	6.3	0.03	8.8	N.A.	N.A.
087B	Rock	0.091	3.6	28.9	1.32	250.4	0.272	<1	2.50	0.118	0.03	<0.1	8.2	0.06	0.11	13	0.5	<0.02	10.2	N.A.	N.A.
087C	Rock	0.075	4.5	97.3	0.60	3.9	0.144	<1	0.52	0.051	<0.01	0.1	4.8	0.05	2.38	12	29.7	0.25	2.7	N.A.	N.A.
088A	Rock	0.082	2.8	25.6	0.84	124.0	0.238	1	2.17	0.200	0.05	<0.1	5.5	0.02	0.26	<5	2.3	0.05	7.1	N.A.	N.A.
088B	Rock	0.083	2.5	29.4	0.90	86.4	0.319	<1	1.88	0.161	0.03	0.1	5.5	0.08	1.59	13	5.2	0.03	6.5	<0.17	<0.01
088C	Rock	0.083	3.0	26.3	1.02	90.6	0.304	<1	2.27	0.231	0.03	<0.1	6.4	<0.02	0.61	<5	1.3	0.06	7.6	N.A.	N.A.
088D	Rock	0.118	11.2	110.8	1.21	15.4	0.187	<1	0.99	0.046	<0.01	0.1	2.3	<0.02	1.74	19	21.5	0.35	4.1	N.A.	N.A.
088E	Rock	0.080	3.2	33.5	0.86	98.6	0.245	<1	1.86	0.200	0.05	<0.1	5.4	<0.02	0.22	<5	0.6	<0.02	6.8	N.A.	N.A.

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1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: None Given
Report Date: December 09, 2008

CERTIFICATE OF ANALYSIS VAN08008203.3

		Method	G6	7AR
		Analyte	Pd	Cu
		Unit	gm/mt	%
		MDL	0.01	0.001
078A	Rock		N.A.	N.A.
078B	Rock		N.A.	N.A.
079	Rock		N.A.	N.A.
080A	Rock		L.N.R.	L.N.R.
080B	Rock		N.A.	N.A.
080C	Rock		N.A.	N.A.
081A	Rock		N.A.	N.A.
081B	Rock		N.A.	N.A.
081C	Rock		0.02	2.146
081D	Rock		N.A.	N.A.
081F	Rock		N.A.	N.A.
081G	Rock		N.A.	N.A.
081H	Rock		0.01	5.069
082NA	Rock		N.A.	N.A.
082NC	Rock		N.A.	N.A.
082SA	Rock		N.A.	N.A.
082SC	Rock		N.A.	N.A.
082SD	Rock		N.A.	N.A.
082SE	Rock		N.A.	N.A.
086A1	Rock		N.A.	N.A.
086A2	Rock		N.A.	N.A.
086A3	Rock		N.A.	N.A.
087A	Rock		N.A.	0.811
087B	Rock		N.A.	N.A.
087C	Rock		N.A.	N.A.
088A	Rock		N.A.	0.237
088B	Rock		0.03	1.190
088C	Rock		N.A.	0.499
088D	Rock		N.A.	N.A.
088E	Rock		N.A.	N.A.

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Project: None Given
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CERTIFICATE OF ANALYSIS VAN08008203.3

	Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
088F	Rock	0.51	1.59	287.7	2.36	27.3	83	17.2	10.0	196	1.51	0.7	0.1	2.2	0.3	64.9	0.12	0.18	0.03	100	1.92
088G	Rock	0.35	13.58	>10000	5.43	259.2	9887	40.7	40.6	205	4.51	14.5	0.1	70.9	0.3	105.7	6.07	0.57	0.30	141	1.63
088H	Rock	0.61	12.80	3529	1.88	62.4	2294	20.1	14.2	172	2.48	0.8	<0.1	54.6	0.3	58.9	1.14	0.30	0.12	131	1.56
089A	Rock	0.72	50.52	224.4	7.41	263.3	173	142.0	18.8	202	3.44	1.1	7.2	0.7	2.9	8.6	5.29	0.19	0.55	316	0.51
089A1	Rock	0.29	50.03	169.0	12.78	516.7	157	132.2	21.8	396	4.30	3.3	7.8	0.6	2.8	27.9	11.01	0.38	0.47	283	0.97
089A2	Rock	0.22	43.71	130.4	14.10	557.1	158	119.8	21.1	616	4.86	4.5	10.0	0.5	3.1	49.5	12.88	0.97	0.29	240	1.95
089B	Rock	0.81	62.18	93.32	14.19	1092	140	59.1	7.1	173	2.02	2.1	14.6	1.1	2.6	16.6	24.75	0.44	0.32	201	0.67
089C	Rock	0.81	117.1	125.1	18.45	1289	197	150.6	27.7	236	3.14	2.0	21.8	0.8	2.8	16.8	31.90	0.39	0.56	267	0.60
091	Rock	0.93	1.20	569.8	5.29	35.3	135	48.0	71.2	279	5.20	2.5	<0.1	3.2	0.4	39.6	0.16	0.11	0.24	129	1.30
092	Rock	0.55	0.54	5703	9.48	446.1	12155	72.8	98.0	1784	17.99	19.4	<0.1	11487	0.2	0.8	4.57	0.04	6.91	252	0.16
093	Rock	0.27	1.37	307.3	3.02	49.6	380	54.1	44.5	360	4.99	6.9	<0.1	3.1	0.4	11.1	0.08	0.08	0.30	205	0.85
094A	Rock	0.63	17.03	258.3	11.09	272.9	712	87.6	22.1	166	4.27	3.1	3.1	21.1	1.1	40.1	1.85	0.23	0.24	85	2.17
094B	Rock	0.39	0.47	138.8	5.00	157.9	451	86.8	28.4	273	5.73	1.9	0.3	2.6	0.6	9.3	0.16	0.06	0.07	344	0.98
095	Rock	0.29	0.32	198.3	1.42	29.6	72	19.9	12.0	280	2.29	0.7	<0.1	4.6	0.4	93.7	0.12	0.07	0.05	127	1.80
099	Rock	0.57	0.48	5.90	3.04	20.9	6	1.6	0.7	283	0.52	0.6	1.4	0.5	6.5	7.5	0.09	<0.02	0.08	4	0.10
100	Rock	0.55	0.57	2.65	2.05	19.0	3	0.8	0.3	624	0.54	0.5	2.9	<0.2	5.8	3.4	0.06	0.02	0.04	<2	0.08
102A	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.
102C	Rock	0.98	0.24	116.4	0.36	24.9	29	373.0	48.4	392	4.28	0.3	<0.1	2.9	0.2	28.9	0.05	<0.02	<0.02	58	1.99
102E	Rock	1.17	0.37	38.97	1.73	48.5	25	273.4	42.2	1567	4.70	1.0	<0.1	2.3	<0.1	171.8	0.17	0.05	<0.02	148	11.37
102H	Rock	0.72	33.57	771.9	1.20	9.6	395	40.5	115.6	128	18.84	15.3	<0.1	32.0	<0.1	18.4	0.08	0.61	0.76	126	0.21
103	Rock	0.47	0.36	165.4	2.89	85.1	66	90.7	38.6	763	6.32	1.4	0.2	2.6	0.3	4.3	0.11	0.05	<0.02	186	1.05
105	Rock	0.36	0.28	190.2	0.41	60.6	39	48.9	25.6	442	5.01	0.3	<0.1	2.9	0.3	33.4	0.05	<0.02	<0.02	151	1.40
106	Rock	0.43	0.50	182.8	0.96	40.1	41	37.3	21.3	449	3.06	0.4	0.1	5.5	0.3	13.7	0.10	0.02	<0.02	91	1.53
109A	Rock	0.60	0.21	1035	2.88	118.0	42	87.5	50.8	1106	6.67	2.0	<0.1	3.8	0.2	104.7	0.26	0.10	<0.02	231	2.71
109C	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.
112A	Rock	0.95	0.12	1573	5.66	166.7	252	62.9	42.6	1713	7.62	0.4	<0.1	7.4	0.3	75.6	0.74	0.04	<0.02	257	5.04
113	Rock	0.26	0.19	260.9	2.82	118.7	94	68.5	41.4	801	6.02	0.4	<0.1	1.9	0.2	42.0	0.18	0.05	<0.02	236	2.73
115	Rock	0.63	0.11	56.09	5.38	122.5	18	57.9	23.6	1891	4.12	0.5	<0.1	1.2	0.2	130.9	0.59	<0.02	<0.02	134	12.84
116	Rock	0.37	0.37	227.6	2.88	146.2	83	68.9	55.4	1982	10.92	6.5	<0.1	1.7	0.3	47.6	0.16	0.27	0.07	357	3.22
118B	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.

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Brentwood Bay BC V8M 1A4 Canada

Project: None Given
Report Date: December 09, 2008

CERTIFICATE OF ANALYSIS VAN08008203.3

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	G6	G6
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Pt
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm/mt	gm/mt
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.17	0.01
088F	Rock	0.090	3.3	30.6	0.56	27.3	0.249	1	2.15	0.331	0.02	<0.1	5.4	<0.02	0.03	<5	<0.1	<0.02	5.8	N.A.	N.A.
088G	Rock	0.077	2.2	28.9	1.11	72.6	0.256	<1	2.76	0.212	0.03	<0.1	6.5	0.14	2.29	14	7.9	0.15	7.7	N.A.	N.A.
088H	Rock	0.075	2.7	26.5	0.85	79.4	0.228	<1	2.12	0.216	0.04	0.1	5.6	0.03	0.41	<5	3.9	0.02	6.6	N.A.	N.A.
089A	Rock	0.112	12.2	205.3	1.38	9.4	0.172	<1	1.02	0.042	<0.01	<0.1	6.4	<0.02	1.72	<5	21.5	0.21	5.1	N.A.	N.A.
089A1	Rock	0.101	10.3	227.7	2.06	28.8	0.170	<1	1.81	0.043	0.01	<0.1	5.3	0.05	1.61	28	20.6	0.15	8.6	N.A.	N.A.
089A2	Rock	0.104	12.3	197.0	2.02	46.1	0.179	<1	2.39	0.038	0.02	0.1	5.3	0.11	1.74	44	21.0	0.06	9.2	N.A.	N.A.
089B	Rock	0.082	13.5	70.9	0.45	14.3	0.196	<1	0.60	0.046	<0.01	0.1	3.9	<0.02	0.69	13	13.9	0.13	2.3	N.A.	N.A.
089C	Rock	0.127	12.6	164.3	1.50	16.3	0.211	<1	1.18	0.039	<0.01	0.1	2.8	<0.02	1.52	18	20.9	0.31	5.4	N.A.	N.A.
091	Rock	0.079	4.1	15.8	0.51	55.9	0.229	<1	1.62	0.163	0.04	<0.1	5.5	0.22	2.31	<5	5.4	<0.02	7.3	N.A.	N.A.
092	Rock	0.039	1.5	71.7	2.33	0.8	0.073	<1	3.63	0.002	<0.01	0.1	16.2	<0.02	6.43	9	18.6	1.42	12.3	13.11	<0.01
093	Rock	0.084	2.7	64.4	1.50	61.4	0.296	<1	1.83	0.103	0.06	0.2	9.3	<0.02	1.88	<5	3.5	0.04	9.7	N.A.	N.A.
094A	Rock	0.074	6.0	65.6	0.18	69.8	0.192	<1	2.04	0.043	0.05	0.1	6.4	0.03	2.14	7	28.5	0.12	6.8	N.A.	N.A.
094B	Rock	0.088	2.4	141.7	3.11	22.6	0.262	<1	3.38	0.064	0.02	0.1	14.1	<0.02	0.84	<5	2.8	0.07	14.3	N.A.	N.A.
095	Rock	0.070	4.7	19.3	0.54	95.6	0.167	<1	2.18	0.232	0.08	<0.1	4.5	<0.02	<0.02	<5	0.3	<0.02	6.9	N.A.	N.A.
099	Rock	0.004	8.6	7.7	0.09	31.9	0.037	<1	0.34	0.049	0.09	0.1	1.6	<0.02	<0.02	<5	0.1	<0.02	1.6	N.A.	N.A.
100	Rock	0.004	7.8	5.7	0.06	25.8	0.031	<1	0.34	0.048	0.09	0.1	1.4	0.03	<0.02	<5	0.1	<0.02	1.9	N.A.	N.A.
102A	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.
102C	Rock	0.020	1.0	225.2	4.77	7.4	0.163	2	5.53	0.294	0.11	<0.1	0.8	0.09	0.12	<5	0.3	<0.02	9.0	N.A.	N.A.
102E	Rock	0.017	1.3	611.4	4.82	3.2	0.126	<1	4.14	0.007	<0.01	<0.1	18.9	<0.02	0.07	<5	0.3	0.04	8.8	N.A.	N.A.
102H	Rock	0.032	<0.5	16.5	0.20	0.9	0.038	<1	0.71	0.003	<0.01	0.4	1.1	<0.02	0.38	<5	3.4	1.22	8.8	N.A.	N.A.
103	Rock	0.064	2.2	120.4	2.88	3.2	0.583	<1	3.17	0.031	<0.01	<0.1	5.5	<0.02	0.22	7	0.3	<0.02	10.4	N.A.	N.A.
105	Rock	0.055	5.2	18.4	1.47	9.4	0.417	<1	2.93	0.178	0.04	<0.1	3.1	<0.02	<0.02	<5	0.3	<0.02	8.9	N.A.	N.A.
106	Rock	0.040	1.9	29.2	1.23	12.5	0.456	2	1.74	0.052	0.09	<0.1	3.6	<0.02	<0.02	22	0.4	<0.02	5.4	N.A.	N.A.
109A	Rock	0.049	2.5	108.2	2.86	13.0	0.413	<1	6.23	0.013	0.06	<0.1	21.8	<0.02	<0.02	19	0.4	<0.02	16.8	N.A.	N.A.
109C	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.
112A	Rock	0.073	3.9	111.2	3.68	6.3	0.170	<1	3.76	0.017	0.03	<0.1	23.5	<0.02	0.09	<5	0.7	<0.02	15.7	N.A.	N.A.
113	Rock	0.073	3.0	75.9	2.55	10.7	0.279	<1	2.42	0.057	0.05	<0.1	13.4	<0.02	<0.02	<5	0.3	<0.02	9.4	N.A.	N.A.
115	Rock	0.038	3.3	118.9	2.50	2.9	0.129	<1	2.88	0.009	0.04	<0.1	12.6	<0.02	<0.02	<5	0.3	<0.02	9.2	N.A.	N.A.
116	Rock	0.085	4.5	79.2	3.86	11.9	0.504	1	6.10	0.041	0.03	0.2	23.0	<0.02	0.10	12	0.3	<0.02	22.4	N.A.	N.A.
118B	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.

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www.acmelab.com

Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: None Given
Report Date: December 09, 2008

CERTIFICATE OF ANALYSIS VAN08008203.3

Method		G6	7AR
Analyte		Pd	Cu
Unit		gm/mt	%
MDL		0.01	0.001
088F	Rock	N.A.	N.A.
088G	Rock	N.A.	1.589
088H	Rock	N.A.	N.A.
089A	Rock	N.A.	N.A.
089A1	Rock	N.A.	N.A.
089A2	Rock	N.A.	N.A.
089B	Rock	N.A.	N.A.
089C	Rock	N.A.	N.A.
091	Rock	N.A.	N.A.
092	Rock	0.01	N.A.
093	Rock	N.A.	N.A.
094A	Rock	N.A.	N.A.
094B	Rock	N.A.	N.A.
095	Rock	N.A.	N.A.
099	Rock	N.A.	N.A.
100	Rock	N.A.	N.A.
102A	Rock	L.N.R.	L.N.R.
102C	Rock	N.A.	N.A.
102E	Rock	N.A.	N.A.
102H	Rock	N.A.	N.A.
103	Rock	N.A.	N.A.
105	Rock	N.A.	N.A.
106	Rock	N.A.	N.A.
109A	Rock	N.A.	N.A.
109C	Rock	L.N.R.	L.N.R.
112A	Rock	N.A.	N.A.
113	Rock	N.A.	N.A.
115	Rock	N.A.	N.A.
116	Rock	N.A.	N.A.
118B	Rock	L.N.R.	L.N.R.

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1007 Barkway Terrace
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Project: None Given
Report Date: December 09, 2008

CERTIFICATE OF ANALYSIS VAN08008203.3

Method		WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
121	Rock	0.48	0.54	196.3	1.02	25.7	50	41.8	31.0	303	4.47	4.5	<0.1	1.3	0.3	91.8	0.07	0.09	<0.02	183	1.45
182A	Rock	0.16	0.29	51.73	0.44	60.9	20	69.9	40.7	801	6.18	0.3	0.1	1.9	0.3	25.5	0.09	<0.02	<0.02	161	4.71
182B	Rock	0.21	0.28	66.18	0.65	52.5	21	71.4	35.7	864	5.42	0.3	0.1	1.5	0.3	30.2	0.11	<0.02	<0.02	151	5.35
186A	Rock	0.83	0.37	30.72	0.35	11.2	19	20.8	9.0	174	1.39	0.3	<0.1	25.8	0.1	36.9	0.05	<0.02	<0.02	68	1.93
186C	Rock	0.40	0.20	40.12	0.46	57.1	15	47.1	33.0	426	5.38	0.2	<0.1	1.2	0.2	10.6	0.04	<0.02	<0.02	138	0.80
L505.50	Rock	0.69	10.27	>10000	7.00	211.1	12341	158.3	145.3	1212	15.39	51.5	3.2	4.7	0.2	1.1	4.90	0.37	0.44	326	9.83
096	Rock	0.44	0.67	347.5	5.88	66.2	462	93.8	61.8	318	10.20	2.1	0.1	1.1	0.3	7.2	0.13	0.07	0.07	268	0.95

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Project: None Given
Report Date: December 09, 2008

CERTIFICATE OF ANALYSIS VAN08008203.3

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	G6	G6
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Pt
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm/mt	gm/mt
MDL		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.17	0.01
121	Rock	0.077	4.3	27.5	0.59	12.0	0.417	<1	1.48	0.133	0.03	<0.1	5.4	<0.02	0.57	<5	0.7	<0.02	6.1	N.A.	N.A.
182A	Rock	0.045	3.4	113.2	3.11	3.6	0.514	<1	2.92	0.025	0.11	<0.1	6.1	<0.02	<0.02	<5	0.3	<0.02	10.3	N.A.	N.A.
182B	Rock	0.039	3.6	154.3	2.24	2.0	0.428	<1	2.04	0.028	0.05	<0.1	12.6	<0.02	<0.02	<5	0.4	<0.02	7.0	N.A.	N.A.
186A	Rock	0.033	2.1	14.1	0.42	0.5	0.366	2	1.19	0.005	<0.01	<0.1	1.1	<0.02	<0.02	<5	0.2	<0.02	4.2	N.A.	N.A.
186C	Rock	0.046	3.3	28.8	1.97	1.3	0.364	<1	1.71	0.034	<0.01	<0.1	2.1	<0.02	<0.02	<5	0.3	<0.02	6.1	N.A.	N.A.
L505.50	Rock	<0.001	1.2	54.4	0.07	3.4	0.069	<1	1.44	0.002	<0.01	0.3	5.8	0.51	5.05	9	51.1	0.12	6.0	N.A.	N.A.
096	Rock	0.085	3.4	86.7	1.83	14.9	0.589	<1	2.14	0.052	0.06	0.2	7.2	<0.02	3.72	<5	1.6	0.03	11.4	N.A.	N.A.

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CERTIFICATE OF ANALYSIS VAN08008203.3

Method		G6	7AR
Analyte		Pd	Cu
Unit		gm/mt	%
MDL		0.01	0.001
121	Rock	N.A.	N.A.
182A	Rock	N.A.	N.A.
182B	Rock	N.A.	N.A.
186A	Rock	N.A.	N.A.
186C	Rock	N.A.	N.A.
L505.50	Rock	N.A.	1.146
096	Rock	N.A.	N.A.

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QUALITY CONTROL REPORT VAN08008203.3

		Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																						
REP G1	QC			0.43	21.23	2.08	45.8	21	4.9	4.6	566	2.01	0.2	2.0	2.8	3.1	56.0	0.03	<0.02	0.07	41	0.56
081C	Rock		0.38	14.22	>10000	5.98	447.9	33815	33.4	182.0	697	16.83	28.0	0.4	64821	0.6	8.4	7.64	0.10	24.28	199	0.25
REP 081C	QC																					
094B	Rock		0.39	0.47	138.8	5.00	157.9	451	86.8	28.4	273	5.73	1.9	0.3	2.6	0.6	9.3	0.16	0.06	0.07	344	0.98
REP 094B	QC			0.49	141.9	5.06	165.7	461	88.9	28.5	283	5.71	2.0	0.2	1.5	0.6	9.2	0.15	0.04	0.07	349	0.96
100	Rock		0.55	0.57	2.65	2.05	19.0	3	0.8	0.3	624	0.54	0.5	2.9	<0.2	5.8	3.4	0.06	0.02	0.04	<2	0.08
REP 100	QC			0.57	2.40	2.01	19.9	9	0.8	0.3	675	0.56	0.6	3.1	<0.2	6.2	3.3	0.06	<0.02	0.03	<2	0.08
112A	Rock		0.95	0.12	1573	5.66	166.7	252	62.9	42.6	1713	7.62	0.4	<0.1	7.4	0.3	75.6	0.74	0.04	<0.02	257	5.04
REP 112A	QC			0.11	1574	5.44	167.3	261	62.3	42.6	1748	7.43	0.3	<0.1	22.0	0.3	73.9	0.68	0.04	<0.02	250	5.24
Reference Materials																						
STD CDN-PGMS-8	Standard																					
STD DS7	Standard			18.98	106.5	64.74	383.5	860	54.2	9.1	653	2.44	50.8	4.4	60.9	4.1	76.4	5.72	5.05	3.73	84	1.01
STD DS7	Standard			20.75	112.8	82.06	402.1	871	57.9	9.9	664	2.47	52.4	6.0	83.1	5.2	84.2	6.32	6.36	5.26	92	1.03
STD DS7	Standard			22.26	128.9	79.11	434.1	923	61.5	10.7	696	2.60	52.5	5.6	74.6	5.1	81.2	6.48	6.10	4.85	96	1.06
STD DS7	Standard			21.59	116.7	65.90	411.6	893	58.7	10.3	643	2.47	55.0	4.9	103.7	4.5	69.9	6.90	6.58	4.74	88	0.99
STD FA10R	Standard																					
STD OXP61	Standard																					
STD OXP61	Standard																					
STD R4A	Standard																					
STD SF-3A	Standard																					
STD SQ18	Standard																					
STD DS7 Expected				20.92	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93
STD R4A Expected																						
STD SF-3A Expected																						
STD FA10R Expected																						
STD CDN-PGMS-8 Expected																						
STD SQ18 Expected																						
STD OXP61 Expected																						

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QUALITY CONTROL REPORT VAN08008203.3

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	G6	G6
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Pt
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm/mt	gm/mt
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.17	0.01
Pulp Duplicates																					
REP G1	QC	0.087	7.0	9.9	0.62	241.2	0.137	<1	1.02	0.086	0.61	<0.1	2.4	0.35	<0.02	<5	<0.1	<0.02	5.0		
081C	Rock	0.053	3.7	12.7	0.81	10.7	0.147	<1	2.30	0.019	0.02	0.1	9.4	<0.02	6.67	9	18.8	13.51	10.8	46.68	<0.01
REP 081C	QC																			49.47	
094B	Rock	0.088	2.4	141.7	3.11	22.6	0.262	<1	3.38	0.064	0.02	0.1	14.1	<0.02	0.84	<5	2.8	0.07	14.3	N.A.	N.A.
REP 094B	QC	0.089	2.4	148.8	3.06	22.0	0.263	<1	3.32	0.064	0.02	<0.1	14.8	<0.02	0.82	<5	3.2	0.04	14.7		
100	Rock	0.004	7.8	5.7	0.06	25.8	0.031	<1	0.34	0.048	0.09	0.1	1.4	0.03	<0.02	<5	0.1	<0.02	1.9	N.A.	N.A.
REP 100	QC	0.004	8.1	6.2	0.07	25.3	0.033	<1	0.37	0.040	0.10	0.1	1.1	0.03	<0.02	<5	0.1	<0.02	2.2		
112A	Rock	0.073	3.9	111.2	3.68	6.3	0.170	<1	3.76	0.017	0.03	<0.1	23.5	<0.02	0.09	<5	0.7	<0.02	15.7	N.A.	N.A.
REP 112A	QC	0.072	3.8	108.5	3.65	5.8	0.166	<1	3.79	0.017	0.03	<0.1	22.3	<0.02	0.09	<5	0.7	<0.02	15.7		
Reference Materials																					
STD CDN-PGMS-8	Standard																				0.40
STD DS7	Standard	0.073	13.1	209.7	1.05	379.6	0.133	39	1.08	0.101	0.50	3.5	3.0	3.89	0.20	200	3.8	1.17	5.1		
STD DS7	Standard	0.075	14.9	206.7	1.11	403.4	0.131	39	1.08	0.096	0.46	4.3	2.9	4.67	0.20	213	4.5	1.20	5.2		
STD DS7	Standard	0.074	15.1	235.9	1.11	406.5	0.143	40	1.06	0.088	0.47	4.1	3.0	4.59	0.20	230	3.6	1.22	5.4		
STD DS7	Standard	0.082	14.5	160.8	1.09	370.1	0.130	41	1.05	0.086	0.48	4.2	3.0	4.25	0.19	194	3.7	1.24	5.0		
STD FA10R	Standard																				0.48
STD OXP61	Standard																			15.38	
STD OXP61	Standard																			15.13	
STD R4A	Standard																				
STD SF-3A	Standard																				
STD SQ18	Standard																			31.11	
STD DS7 Expected		0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	2.5	4.19	0.21	200	3.5	1.08	4.6		
STD R4A Expected																					
STD SF-3A Expected																					
STD FA10R Expected																					0.472
STD CDN-PGMS-8 Expected																					0.44
STD SQ18 Expected																				30.49	
STD OXP61 Expected																				14.917	

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Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: None Given
Report Date: December 09, 2008

QUALITY CONTROL REPORT VAN08008203.3

		Method	G6	7AR
		Analyte	Pd	Cu
		Unit	gm/mt	%
		MDL	0.01	0.001
Pulp Duplicates				
REP G1	QC			
081C	Rock		0.02	2.146
REP 081C	QC			
094B	Rock		N.A.	N.A.
REP 094B	QC			
100	Rock		N.A.	N.A.
REP 100	QC			
112A	Rock		N.A.	N.A.
REP 112A	QC			
Reference Materials				
STD CDN-PGMS-8	Standard		1.45	
STD DS7	Standard			
STD DS7	Standard			
STD DS7	Standard			
STD DS7	Standard			
STD FA10R	Standard		0.51	
STD OXP61	Standard			
STD OXP61	Standard			
STD R4A	Standard			0.516
STD SF-3A	Standard			0.764
STD SQ18	Standard			
STD DS7 Expected				
STD R4A Expected				0.502
STD SF-3A Expected				0.7705
STD FA10R Expected			0.476	
STD CDN-PGMS-8 Expected			1.5	
STD SQ18 Expected				
STD OXP61 Expected				

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QUALITY CONTROL REPORT VAN08008203.3

		WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	2.19	<0.01	<0.1	6	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	0.69	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	0.26	1.96	2.21	49.9	9	4.7	4.7	596	2.12	0.2	2.0	0.3	3.7	64.0	0.04	<0.02	0.06	43	0.55
G1	Prep Blank	<0.01																			
G1	Prep Blank		0.42	2.16	2.08	45.5	11	5.1	4.5	586	2.04	<0.1	2.0	<0.2	3.2	57.7	0.03	<0.02	0.06	40	0.57

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Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: None Given
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QUALITY CONTROL REPORT VAN08008203.3

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	G6	G6
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Pt
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm/mt	gm/mt
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.17	0.01
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank																				
BLK	Blank																				<0.01
BLK	Blank																				<0.01
BLK	Blank																			<0.17	
BLK	Blank																			<0.17	
BLK	Blank																			<0.17	
Prep Wash																					
G1	Prep Blank	0.087	7.7	9.6	0.65	268.1	0.136	<1	1.08	0.089	0.64	<0.1	2.2	0.38	<0.02	<5	<0.1	<0.02	5.4	N.A.	N.A.
G1	Prep Blank																			N.A.	N.A.
G1	Prep Blank	0.084	6.8	10.3	0.61	251.6	0.141	<1	1.06	0.090	0.59	<0.1	2.5	0.35	<0.02	<5	<0.1	<0.02	5.1		

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1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

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QUALITY CONTROL REPORT VAN08008203.3

		G6 Pd gm/mt 0.01	7AR Cu % 0.001
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		<0.001
BLK	Blank	<0.01	
BLK	Blank	<0.01	
BLK	Blank		
BLK	Blank		
BLK	Blank		
Prep Wash			
G1	Prep Blank	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.
G1	Prep Blank		

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1007 Barkway Terrace
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Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: February 20, 2009
Report Date: March 04, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09000516.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 18

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
R200	17	Crush, split and pulverize rock to 200 mesh		
1F15	17	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed

ADDITIONAL COMMENTS

Invoice To: Schau, Mikkel
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN

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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CERTIFICATE OF ANALYSIS VAN09000516.1

	Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
331522	Rock	0.32	120.3	146.4	29.25	1057	197	144.2	22.7	244	3.47	<0.1	20.3	<0.2	2.2	7.6	24.14	0.38	0.74	305	0.50
331523	Rock	0.20	47.15	86.08	30.56	1334	134	54.0	6.5	377	2.88	<0.1	15.3	1.0	1.9	12.2	29.30	0.62	0.38	164	0.97
331524	Rock	0.12	1.06	207.0	2.97	46.6	68	107.0	23.5	431	3.08	5.9	0.3	3.7	0.5	45.6	0.24	0.18	0.27	88	1.31
331525	Rock	0.59	12.09	142.8	41.75	85.0	966	34.5	10.9	147	9.76	32.2	1.2	3.4	0.6	3.5	0.77	4.12	0.16	26	0.12
331526	Rock	0.52	0.16	14.82	13.85	12.7	1281	0.5	0.4	50	8.40	192.5	0.4	1158	2.3	37.1	0.05	1.98	<0.02	75	<0.01
331527	Rock	0.52	0.37	128.3	2.04	27.2	62	19.5	8.6	198	2.00	2.1	0.3	4.8	0.4	36.8	0.11	0.15	0.02	81	1.20
331528	Rock	0.04	1.17	7.36	1.02	4.6	20	4.5	1.3	120	0.62	3.5	0.1	16.5	0.1	19.3	0.06	0.09	<0.02	5	2.70
331529	Rock	0.21	0.76	50.49	9.72	44.6	91	16.1	17.0	316	2.78	10.2	0.4	3.1	<0.1	374.3	0.13	0.15	0.03	65	13.49
331530	Rock	0.99	2.77	>10000	4.67	100.5	52634	150.5	102.9	235	18.22	0.3	0.1	63.9	0.1	26.5	3.05	0.27	0.13	139	0.32
331531	Rock	0.27	4.43	231.7	3.24	134.0	249	20.3	14.2	524	10.03	5.2	0.3	54.4	0.9	26.5	1.12	0.15	0.55	114	0.61
331532	Rock	0.30	0.69	780.1	1.72	45.0	432	23.0	11.5	269	3.16	2.5	0.2	5.9	0.3	30.6	0.21	0.15	0.04	113	0.98
331533	Rock	0.52	1.26	2425	28.00	1062	4908	38.0	84.4	3085	16.35	0.7	0.1	15909	0.7	2.1	11.90	0.04	6.16	416	0.31
331534	Rock	0.34	1.77	280.5	3.29	83.5	314	20.3	12.6	362	6.25	2.9	0.3	630.9	0.8	37.0	0.57	0.11	0.38	107	0.86
331535	Rock	0.30	0.26	92.50	1.12	50.4	78	26.7	17.6	259	3.92	0.2	<0.1	57.0	0.2	29.1	0.15	0.04	0.10	158	0.67
331536	Rock	0.43	0.43	81.66	1.60	50.4	45	38.7	17.6	337	4.10	0.3	<0.1	2.2	0.2	74.4	0.08	0.23	<0.02	118	1.48
331537	Rock	0.19	0.65	110.1	2.31	60.2	31	10.0	16.3	589	4.59	0.5	0.6	2.0	2.5	51.4	0.07	0.06	<0.02	175	3.07
331538	Rock	0.35	0.75	439.5	6.42	49.2	298	108.8	68.3	249	8.72	1.5	<0.1	7.4	0.2	13.4	0.13	0.15	0.33	158	0.94
331539	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.

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CERTIFICATE OF ANALYSIS VAN09000516.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
331522	Rock	0.136	10.8	159.9	1.71	10.4	0.161	<1	1.32	0.027	<0.01	0.1	2.4	<0.02	1.61	17	22.0	0.25	6.5	0.07	<0.1
331523	Rock	0.074	11.0	54.2	0.37	6.2	0.169	2	1.13	0.026	0.02	0.1	2.7	<0.02	0.49	18	12.0	0.17	4.1	0.16	<0.1
331524	Rock	0.048	2.5	146.4	1.52	21.7	0.278	1	2.97	0.147	0.04	0.3	5.9	<0.02	<0.02	8	<0.1	0.13	6.6	0.18	<0.1
331525	Rock	0.034	2.3	14.1	0.25	17.9	0.082	<1	0.43	0.016	0.05	<0.1	2.9	0.08	4.63	11	12.6	0.39	1.4	0.07	<0.1
331526	Rock	0.174	11.5	3.0	<0.01	31.8	<0.001	3	0.25	0.015	0.69	<0.1	2.7	6.13	1.23	35	<0.1	<0.02	4.7	6.79	0.1
331527	Rock	0.065	4.0	26.6	0.54	28.9	0.166	<1	2.42	0.188	0.04	<0.1	3.9	<0.02	0.02	15	0.3	<0.02	6.1	0.11	<0.1
331528	Rock	0.004	<0.5	6.0	0.11	34.5	<0.001	6	0.49	0.094	0.20	<0.1	0.2	0.11	0.05	11	<0.1	<0.02	2.0	0.28	<0.1
331529	Rock	0.035	1.2	18.6	1.10	68.7	0.075	1	5.06	0.595	0.10	<0.1	4.4	0.25	0.93	13	0.4	0.20	8.6	0.41	<0.1
331530	Rock	0.030	0.6	102.5	0.38	1.9	0.193	<1	0.88	0.001	<0.01	<0.1	5.7	<0.02	2.76	292	33.0	<0.02	6.3	0.02	0.4
331531	Rock	0.061	4.6	20.9	0.78	34.2	0.165	1	2.44	0.063	0.04	<0.1	6.6	<0.02	0.20	8	0.9	0.04	7.0	0.12	0.1
331532	Rock	0.057	2.9	29.6	0.79	101.3	0.245	<1	2.15	0.097	0.03	<0.1	4.3	<0.02	0.05	40	0.7	0.02	9.2	0.16	<0.1
331533	Rock	0.113	6.0	5.1	2.63	8.7	0.097	<1	5.11	0.001	0.02	0.2	22.7	<0.02	5.11	7	9.2	1.11	22.4	0.08	0.3
331534	Rock	0.066	4.4	27.0	0.70	40.3	0.201	<1	2.18	0.095	0.04	<0.1	5.5	<0.02	0.17	<5	1.0	0.13	6.8	0.09	<0.1
331535	Rock	0.063	4.0	9.0	1.13	62.1	0.149	2	1.34	0.064	0.20	<0.1	2.6	<0.02	0.08	<5	<0.1	<0.02	6.8	0.16	<0.1
331536	Rock	0.069	2.5	37.0	1.09	5.9	0.436	1	1.63	0.072	0.02	<0.1	4.9	<0.02	<0.02	<5	<0.1	<0.02	6.0	0.02	0.1
331537	Rock	0.108	9.0	13.7	1.30	16.0	0.157	2	4.71	0.016	0.06	0.1	8.9	<0.02	<0.02	<5	<0.1	0.02	10.0	0.39	0.1
331538	Rock	0.071	2.6	43.8	1.45	23.0	0.315	<1	1.83	0.132	0.13	0.1	6.4	0.08	4.36	7	1.5	0.04	8.7	0.32	0.1
331539	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.

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Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: None Given
Report Date: March 04, 2009

CERTIFICATE OF ANALYSIS VAN09000516.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
331522	Rock	0.50	0.24	0.4	1.2	<0.05	18.1	10.26	19.1	0.13	188	0.2	8.5	16	4
331523	Rock	0.56	0.35	0.6	1.1	<0.05	17.5	10.94	18.2	0.15	96	0.2	1.5	<10	4
331524	Rock	0.24	0.52	2.0	0.4	<0.05	5.4	7.43	6.8	<0.02	3	0.2	6.2	11	6
331525	Rock	0.27	0.51	2.0	0.2	<0.05	10.5	8.22	5.2	0.03	47	0.2	1.5	18	6
331526	Rock	<0.02	<0.02	21.9	0.2	<0.05	0.3	2.08	33.5	0.04	<1	0.3	1.6	<10	3
331527	Rock	0.05	0.94	1.4	0.3	<0.05	2.2	10.41	10.4	<0.02	<1	0.2	3.2	15	6
331528	Rock	<0.02	<0.02	4.4	0.1	<0.05	0.2	0.23	1.1	<0.02	<1	<0.1	0.7	<10	<2
331529	Rock	0.08	0.03	2.0	<0.1	<0.05	2.8	2.54	2.2	<0.02	3	<0.1	11.6	<10	3
331530	Rock	0.12	0.13	0.2	0.4	<0.05	2.0	2.85	1.8	0.85	<1	<0.1	3.2	27	9
331531	Rock	0.11	0.19	1.9	0.2	<0.05	2.8	7.40	10.2	0.05	<1	0.2	3.9	<10	3
331532	Rock	0.11	1.23	1.0	0.4	<0.05	3.2	8.93	7.7	0.04	<1	0.2	6.0	<10	4
331533	Rock	0.03	0.08	1.4	0.2	<0.05	0.5	9.34	15.6	0.45	3	<0.1	10.1	15	<2
331534	Rock	0.17	0.17	1.4	0.3	<0.05	3.6	6.50	9.9	0.04	<1	0.3	3.6	<10	3
331535	Rock	0.10	0.08	3.7	0.3	<0.05	3.0	8.94	10.8	<0.02	<1	<0.1	6.9	14	4
331536	Rock	0.47	0.33	0.3	0.4	<0.05	10.3	10.01	6.8	<0.02	<1	0.3	4.9	23	4
331537	Rock	0.21	<0.02	2.7	0.6	<0.05	6.4	11.44	19.5	0.03	1	0.4	9.1	<10	2
331538	Rock	0.27	0.20	3.3	0.5	<0.05	5.2	7.51	6.7	0.03	1	0.1	6.8	15	4
331539	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.

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1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: None Given
Report Date: March 04, 2009

QUALITY CONTROL REPORT VAN09000516.1

	Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																					
331528	Rock	0.04	1.17	7.36	1.02	4.6	20	4.5	1.3	120	0.62	3.5	0.1	16.5	0.1	19.3	0.06	0.09	<0.02	5	2.70
REP 331528	QC		1.05	6.77	1.08	5.0	20	4.1	1.2	115	0.64	3.6	0.1	15.3	<0.1	20.4	0.05	0.08	<0.02	6	2.67
331538	Rock	0.35	0.75	439.5	6.42	49.2	298	108.8	68.3	249	8.72	1.5	<0.1	7.4	0.2	13.4	0.13	0.15	0.33	158	0.94
REP 331538	QC		0.86	449.8	6.73	57.3	313	113.9	67.8	259	9.20	1.7	0.1	6.1	0.3	14.3	0.16	0.17	0.35	162	0.97
Reference Materials																					
STD DS7	Standard		19.51	116.3	68.97	404.2	847	54.8	9.2	715	2.56	52.2	4.9	61.8	4.6	79.8	6.42	6.01	4.81	86	0.98
STD DS7 Expected			20.92	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.18	1.47	2.19	44.1	7	3.9	4.3	564	1.98	<0.1	1.4	11.6	3.6	48.7	0.01	<0.02	0.07	37	0.48
G1	Prep Blank	<0.01	0.15	1.80	2.11	45.7	2	3.8	4.4	570	1.96	<0.1	1.7	0.8	3.6	53.0	0.01	<0.02	0.06	38	0.48

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Project: None Given
Report Date: March 04, 2009

QUALITY CONTROL REPORT VAN09000516.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
331528	Rock	0.004	<0.5	6.0	0.11	34.5	<0.001	6	0.49	0.094	0.20	<0.1	0.2	0.11	0.05	11	<0.1	<0.02	2.0	0.28	<0.1
REP 331528	QC	0.004	<0.5	5.8	0.10	34.2	<0.001	8	0.49	0.090	0.19	<0.1	0.2	0.11	0.04	19	<0.1	<0.02	1.9	0.30	<0.1
331538	Rock	0.071	2.6	43.8	1.45	23.0	0.315	<1	1.83	0.132	0.13	0.1	6.4	0.08	4.36	7	1.5	0.04	8.7	0.32	0.1
REP 331538	QC	0.072	2.6	44.8	1.51	19.1	0.335	<1	1.88	0.139	0.13	0.2	7.0	0.09	4.72	10	1.6	<0.02	9.3	0.33	0.1
Reference Materials																					
STD DS7	Standard	0.076	14.4	196.4	1.14	465.7	0.135	41	1.16	0.102	0.55	3.8	3.0	4.64	0.19	199	3.5	1.24	5.5	6.83	0.1
STD DS7 Expected		0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	2.5	4.19	0.21	200	3.5	1.08	4.6	6.36	0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
Prep Wash																					
G1	Prep Blank	0.084	6.9	9.7	0.60	254.7	0.129	1	0.91	0.050	0.53	<0.1	2.1	0.39	<0.02	12	<0.1	<0.02	5.0	3.58	0.1
G1	Prep Blank	0.086	5.7	6.9	0.60	275.4	0.127	1	0.90	0.046	0.56	<0.1	2.1	0.41	<0.02	11	<0.1	<0.02	4.8	3.73	<0.1

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Project: None Given
Report Date: March 04, 2009

QUALITY CONTROL REPORT VAN09000516.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates															
331528	Rock	<0.02	<0.02	4.4	0.1	<0.05	0.2	0.23	1.1	<0.02	<1	<0.1	0.7	<10	<2
REP 331528	QC	<0.02	<0.02	5.0	0.1	<0.05	0.2	0.25	1.0	<0.02	2	<0.1	0.6	<10	<2
331538	Rock	0.27	0.20	3.3	0.5	<0.05	5.2	7.51	6.7	0.03	1	0.1	6.8	15	4
REP 331538	QC	0.27	0.26	3.5	0.5	<0.05	5.3	8.13	7.0	0.03	4	0.2	7.8	20	<2
Reference Materials															
STD DS7	Standard	0.14	0.62	43.6	5.5	<0.05	6.3	6.14	39.8	1.69	5	2.0	35.1	64	42
STD DS7 Expected		0.11	0.71	35.8	5.4		5.4	5.18	38	1.57	4	1.6	29.3	58	37
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash															
G1	Prep Blank	0.07	0.28	47.7	0.4	<0.05	0.9	3.67	13.8	<0.02	<1	0.3	34.9	<10	3
G1	Prep Blank	0.05	0.25	47.3	0.4	<0.05	0.9	3.40	11.7	<0.02	<1	0.2	37.7	<10	<2

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Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: May 19, 2009
Report Date: May 27, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09001779.1

CLIENT JOB INFORMATION

Project: North Kringle
Shipment ID:
P.O. Number
Number of Samples: 26

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
R200	24	Crush, split and pulverize rock to 200 mesh		
4A&4B	3	Whole Rock Analysis Majors and Trace Elements	0.2	Completed
1F15	24	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed

ADDITIONAL COMMENTS

Invoice To: Schau, Mikkel
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN

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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1007 Barkway Terrace
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Project: North Kringle
Report Date: May 27, 2009

CERTIFICATE OF ANALYSIS VAN09001779.1

Method		WGHT	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs
Unit		kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1
R09-158A	Rock	0.15	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-158B	Rock	0.31	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-159	Rock	0.68	48.36	14.39	13.67	6.23	10.50	2.89	0.33	1.94	0.17	0.20	0.022	75	42	1.0	99.67	91	<1	43.9	0.1
R09-162A	Rock	0.60	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-162B	Rock	0.79	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-163B	Rock	0.78	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-164A	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.
R09-164D	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.
R09-164E	Rock	1.05	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-164F	Rock	0.31	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-164G	Rock	0.15	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165A	Rock	0.28	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165B	Rock	0.19	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165C	Rock	0.27	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165D	Rock	0.32	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165E	Rock	0.37	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168B	Rock	0.53	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168C	Rock	0.46	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168D	Rock	0.54	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168F	Rock	0.79	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168G	Rock	0.75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-171D	Rock	0.45	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-172C	Rock	0.74	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-172D	Rock	1.01	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-172E	Rock	0.65	42.54	15.29	4.36	4.27	26.53	0.06	0.17	0.78	0.08	0.14	0.008	<20	24	5.5	99.74	55	<1	12.2	0.1
R09-172F	Rock	0.80	46.10	14.81	4.04	4.64	24.91	0.30	0.55	0.73	0.47	0.14	0.008	<20	30	3.0	99.67	397	<1	10.7	0.9

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1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: North Kringle
Report Date: May 27, 2009

CERTIFICATE OF ANALYSIS VAN09001779.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05
R09-158A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-158B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-159	Rock	19.8	2.7	9.9	3.6	<1	577.1	0.6	0.8	0.2	357	<0.5	103.8	22.2	7.8	19.7	2.88	15.5	3.77	1.49	4.80
R09-162A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-162B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-163B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-164A	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.
R09-164D	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.
R09-164E	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-164F	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-164G	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165C	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165D	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165E	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168C	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168D	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168F	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168G	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-171D	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-172C	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-172D	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-172E	Rock	14.1	3.8	9.8	4.2	1	373.1	0.3	1.0	5.2	310	<0.5	111.0	14.0	6.8	11.6	1.93	7.5	1.94	0.74	2.21
R09-172F	Rock	13.5	2.9	7.3	12.6	2	730.6	0.2	3.4	8.8	316	<0.5	100.0	16.8	16.4	24.6	3.36	13.5	2.89	1.04	3.09

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Project: North Kringle
Report Date: May 27, 2009

CERTIFICATE OF ANALYSIS VAN09001779.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
	MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5
R09-158A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-158B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-159	Rock	0.82	4.53	0.97	2.70	0.39	2.29	0.34	<0.02	0.02	0.3	122.5	31.0	100	24.0	219.0	0.6	1.8	<0.1	0.9	30.8
R09-162A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-162B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-163B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-164A	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.
R09-164D	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.
R09-164E	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-164F	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-164G	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165C	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165D	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-165E	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168C	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168D	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168F	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-168G	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-171D	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-172C	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-172D	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
R09-172E	Rock	0.38	2.43	0.53	1.45	0.23	1.47	0.25	0.74	0.63	1.1	222.5	1.9	38	18.2	14.9	1.5	0.3	<0.1	0.2	3.0
R09-172F	Rock	0.51	2.79	0.62	1.76	0.25	1.64	0.27	0.06	0.67	1.5	93.3	1.7	26	12.3	12.7	0.9	0.2	<0.1	0.2	2.3

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Brentwood Bay BC V8M 1A4 Canada

Project: North Kringle
Report Date: May 27, 2009

CERTIFICATE OF ANALYSIS VAN09001779.1

	Method	1DX	1DX	1DX	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Hg	Tl	Se	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.1	0.5	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
R09-158A	Rock	N.A.	N.A.	N.A.	0.44	83.88	5.46	19.2	89	11.6	4.7	259	1.95	24.3	0.1	4.3	0.2	209.4	0.15	0.71	0.03
R09-158B	Rock	N.A.	N.A.	N.A.	0.32	355.4	4.09	81.3	166	42.5	22.0	408	3.81	24.7	<0.1	3.2	0.3	30.2	0.42	0.52	<0.02
R09-159	Rock	0.18	<0.1	<0.5	0.31	130.2	30.99	99.2	961	25.7	14.3	258	2.91	211.1	<0.1	40.3	0.3	82.4	0.53	2.25	0.09
R09-162A	Rock	N.A.	N.A.	N.A.	0.19	269.6	2.59	37.3	97	23.7	14.8	254	2.89	12.4	<0.1	3.1	0.2	52.2	0.09	0.19	<0.02
R09-162B	Rock	N.A.	N.A.	N.A.	0.15	74.32	2.60	36.7	42	46.3	21.7	428	2.90	6.2	<0.1	4.2	0.1	36.5	0.08	0.11	<0.02
R09-163B	Rock	N.A.	N.A.	N.A.	0.21	1409	42.42	82.6	220	62.3	30.8	789	3.85	4.3	<0.1	6.3	0.2	73.2	0.87	0.15	0.11
R09-164A	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.
R09-164D	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.
R09-164E	Rock	N.A.	N.A.	N.A.	3.40	18.10	3.85	28.0	32	13.4	5.8	287	0.91	6.4	2.3	0.7	0.4	65.9	0.07	0.16	0.07
R09-164F	Rock	N.A.	N.A.	N.A.	3.93	14.66	4.37	20.9	26	12.8	5.2	205	0.64	5.6	1.8	0.5	0.3	65.4	0.07	0.16	0.09
R09-164G	Rock	N.A.	N.A.	N.A.	2.61	114.2	13.26	62.1	179	51.1	14.5	457	6.28	33.4	1.2	1.6	0.4	165.0	0.45	0.37	0.49
R09-165A	Rock	N.A.	N.A.	N.A.	0.84	129.7	14.13	89.6	257	23.0	19.1	1185	6.52	21.8	2.4	4.7	1.0	47.9	1.09	0.25	0.52
R09-165B	Rock	N.A.	N.A.	N.A.	2.26	55.84	6.61	59.1	123	8.7	8.3	1681	4.38	17.0	5.3	1.6	0.8	78.3	0.59	0.21	0.22
R09-165C	Rock	N.A.	N.A.	N.A.	0.37	61.75	6.24	154.4	140	22.4	21.8	817	5.04	10.5	10.1	1.5	0.8	74.8	1.28	0.21	0.41
R09-165D	Rock	N.A.	N.A.	N.A.	0.68	18.65	1.46	29.6	41	5.3	3.6	1872	3.09	5.9	3.0	0.6	0.7	11.4	0.29	0.07	0.07
R09-165E	Rock	N.A.	N.A.	N.A.	0.32	34.90	2.02	49.3	43	8.6	5.7	1624	3.13	5.4	2.8	0.5	0.7	19.4	0.34	0.08	0.11
R09-168B	Rock	N.A.	N.A.	N.A.	3.03	370.5	552.1	138.4	312	39.7	19.1	355	2.20	<0.1	0.4	0.8	0.3	123.7	10.93	0.15	0.09
R09-168C	Rock	N.A.	N.A.	N.A.	0.90	20.20	74.39	43.7	22	14.7	8.2	302	1.31	2.8	1.0	<0.2	2.2	59.2	0.32	0.07	<0.02
R09-168D	Rock	N.A.	N.A.	N.A.	0.67	13.03	94.41	96.6	29	22.3	13.4	366	1.44	4.0	1.4	<0.2	6.4	130.7	0.81	0.12	0.04
R09-168F	Rock	N.A.	N.A.	N.A.	1.02	48.67	74.81	75.3	43	15.1	12.2	401	1.77	3.0	1.2	0.2	2.6	72.8	0.29	0.09	0.03
R09-168G	Rock	N.A.	N.A.	N.A.	0.66	38.97	91.14	61.8	28	9.4	9.3	363	1.67	1.9	1.1	0.3	2.6	61.6	0.35	0.08	0.05
R09-171D	Rock	N.A.	N.A.	N.A.	11.79	282.6	4.78	98.8	615	71.0	29.9	303	10.81	57.4	11.8	2.8	1.2	249.8	2.54	0.82	0.09
R09-172C	Rock	N.A.	N.A.	N.A.	1.24	175.3	2.66	42.0	240	22.8	14.0	231	1.70	13.8	4.8	1.7	1.8	157.9	1.55	0.32	0.06
R09-172D	Rock	N.A.	N.A.	N.A.	1.56	271.6	2.53	46.6	476	26.5	16.1	228	2.23	28.4	2.7	1.6	0.8	146.2	1.64	0.55	0.06
R09-172E	Rock	0.01	<0.1	11.2	1.15	220.2	2.05	42.5	271	19.8	12.2	235	1.31	17.6	2.3	1.0	0.6	134.6	1.47	0.34	0.04
R09-172F	Rock	<0.01	<0.1	9.6	1.64	96.14	1.48	27.6	189	13.0	8.1	331	1.19	13.9	6.3	1.0	3.0	337.6	0.90	0.41	0.03

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Project: North Kringle
Report Date: May 27, 2009

CERTIFICATE OF ANALYSIS VAN09001779.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
R09-158A	Rock	128	3.16	0.065	1.6	31.4	0.25	3.8	0.580	1	2.09	0.007	<0.01	0.1	6.3	<0.02	<0.02	41	0.2	<0.02	8.3
R09-158B	Rock	124	1.31	0.074	2.1	41.8	1.17	7.8	0.543	<1	1.28	0.067	0.03	<0.1	5.5	<0.02	<0.02	42	0.3	<0.02	4.8
R09-159	Rock	138	1.42	0.076	4.2	15.8	0.76	33.7	0.132	1	1.91	0.257	0.10	<0.1	3.0	<0.02	0.02	182	0.3	<0.02	6.5
R09-162A	Rock	93	1.01	0.081	3.6	18.0	0.96	3.9	0.340	<1	1.24	0.046	0.02	<0.1	3.1	<0.02	<0.02	15	0.2	<0.02	4.9
R09-162B	Rock	136	6.07	0.037	1.8	112.9	1.18	1.0	0.271	1	4.74	0.003	<0.01	0.1	9.1	<0.02	<0.02	11	0.1	<0.02	11.3
R09-163B	Rock	129	5.73	0.049	1.9	138.5	1.98	3.2	0.291	<1	2.49	0.017	0.01	0.2	9.9	<0.02	0.09	11	0.6	<0.02	7.4
R09-164A	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.
R09-164D	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.
R09-164E	Rock	56	1.26	0.086	5.1	24.2	0.33	17.1	0.082	<1	1.14	0.048	0.02	0.2	3.3	<0.02	<0.02	9	1.0	0.03	2.8
R09-164F	Rock	45	1.33	0.042	4.0	25.8	0.22	12.1	0.084	<1	1.20	0.031	0.01	0.2	3.1	<0.02	<0.02	11	0.7	0.03	2.8
R09-164G	Rock	64	1.46	0.058	5.0	38.7	1.00	23.9	0.073	<1	1.69	0.067	0.03	0.2	4.7	0.04	2.50	9	11.0	0.14	7.1
R09-165A	Rock	42	3.83	0.131	8.5	15.5	0.16	2.1	0.133	<1	0.82	0.002	<0.01	1.8	4.1	<0.02	4.16	6	13.8	0.50	5.5
R09-165B	Rock	49	4.82	0.123	5.6	18.5	0.27	3.2	0.101	<1	1.52	0.002	<0.01	0.9	3.8	<0.02	1.21	8	5.9	0.17	8.9
R09-165C	Rock	20	2.90	0.176	4.4	12.5	0.33	3.2	0.071	<1	0.87	0.002	<0.01	0.8	2.9	<0.02	3.43	5	11.4	0.23	12.6
R09-165D	Rock	38	5.67	0.166	4.4	19.2	0.13	1.9	0.055	<1	1.50	0.001	<0.01	0.8	4.1	<0.02	0.14	<5	1.7	<0.02	9.2
R09-165E	Rock	45	4.93	0.115	4.0	14.3	0.21	1.8	0.063	<1	1.29	0.001	<0.01	0.6	3.9	<0.02	0.70	7	2.3	<0.02	7.4
R09-168B	Rock	61	1.83	0.095	2.6	63.2	1.16	18.6	0.120	2	1.63	0.068	0.03	0.2	6.4	<0.02	0.29	7	18.7	0.10	4.1
R09-168C	Rock	43	1.33	0.080	5.7	57.5	0.89	30.9	0.118	<1	1.30	0.052	0.05	0.3	4.8	<0.02	<0.02	<5	0.5	<0.02	3.5
R09-168D	Rock	45	1.55	0.062	12.1	60.2	1.26	31.4	0.124	<1	1.95	0.012	0.05	0.4	3.7	<0.02	<0.02	<5	0.8	<0.02	5.2
R09-168F	Rock	45	0.98	0.111	13.2	11.8	1.05	18.8	0.166	<1	1.47	0.057	0.03	0.5	3.5	<0.02	<0.02	5	0.9	<0.02	4.2
R09-168G	Rock	48	0.81	0.111	14.3	10.9	0.86	21.6	0.175	<1	1.17	0.048	0.06	0.6	3.6	<0.02	<0.02	<5	0.8	<0.02	3.8
R09-171D	Rock	115	4.38	0.490	24.7	51.7	0.05	4.7	0.074	2	1.77	0.003	0.01	0.6	1.6	0.22	2.90	13	82.0	0.21	5.3
R09-172C	Rock	37	9.82	0.120	10.6	6.1	0.26	7.8	0.091	3	4.05	0.005	0.01	0.2	1.0	0.05	1.10	<5	18.5	0.12	8.1
R09-172D	Rock	40	8.93	0.051	5.7	5.7	0.31	10.3	0.095	4	3.94	0.006	0.01	0.1	1.2	0.17	1.17	7	25.9	0.13	7.4
R09-172E	Rock	41	8.82	0.032	4.3	6.2	0.28	10.0	0.100	4	4.01	0.006	0.01	0.1	1.1	0.06	0.66	10	11.9	0.07	7.4
R09-172F	Rock	40	10.58	0.202	15.7	5.6	0.15	122.6	0.093	9	5.22	0.077	0.04	0.2	1.4	0.04	0.71	5	9.9	0.06	9.7

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Project: North Kringle
Report Date: May 27, 2009

CERTIFICATE OF ANALYSIS VAN09001779.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
R09-158A	Rock	0.04	0.3	0.49	0.70	0.4	0.4	<0.05	13.1	5.85	3.9	0.06	<1	0.4	0.6	<10	7
R09-158B	Rock	0.06	0.1	0.61	0.42	1.0	0.4	<0.05	15.6	9.81	5.7	<0.02	<1	0.1	3.7	11	5
R09-159	Rock	0.13	<0.1	0.17	0.09	2.1	0.3	<0.05	4.2	9.58	10.2	<0.02	<1	0.1	4.4	16	3
R09-162A	Rock	<0.02	0.2	0.30	0.26	0.5	0.3	<0.05	8.0	9.38	8.8	<0.02	<1	0.2	4.2	<10	5
R09-162B	Rock	<0.02	0.3	0.21	0.09	<0.1	0.4	<0.05	7.7	6.69	4.9	<0.02	<1	0.3	5.3	<10	3
R09-163B	Rock	0.02	0.2	0.31	0.16	0.5	0.4	<0.05	7.0	7.46	5.3	<0.02	<1	0.1	13.0	33	5
R09-164A	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.
R09-164D	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.
R09-164E	Rock	0.12	<0.1	0.32	0.13	0.9	0.1	<0.05	13.2	10.20	7.0	<0.02	13	0.2	1.8	<10	<2
R09-164F	Rock	0.11	<0.1	0.29	0.13	0.8	0.1	<0.05	12.5	8.46	5.0	<0.02	18	0.1	1.2	<10	3
R09-164G	Rock	0.03	0.3	0.11	0.12	0.5	0.3	<0.05	4.1	3.51	6.3	<0.02	<1	0.2	2.8	<10	2
R09-165A	Rock	<0.02	0.8	0.69	0.52	<0.1	1.1	<0.05	27.2	7.55	9.5	0.06	<1	<0.1	<0.1	<10	4
R09-165B	Rock	<0.02	0.5	0.52	0.23	<0.1	1.7	<0.05	19.2	8.04	7.1	0.08	<1	0.2	0.2	<10	<2
R09-165C	Rock	<0.02	0.3	0.37	0.29	0.1	0.9	<0.05	14.0	5.89	5.9	0.12	1	0.2	0.2	<10	<2
R09-165D	Rock	<0.02	0.4	0.31	0.11	<0.1	1.2	<0.05	12.7	10.64	5.9	0.06	<1	0.2	0.2	<10	<2
R09-165E	Rock	<0.02	0.4	0.30	0.13	<0.1	1.1	<0.05	11.8	8.40	5.2	0.05	<1	0.2	0.3	<10	<2
R09-168B	Rock	0.04	0.2	0.15	0.07	0.8	0.2	<0.05	5.9	3.77	4.9	<0.02	<1	0.3	5.3	<10	3
R09-168C	Rock	<0.02	0.1	0.21	0.11	1.0	0.3	<0.05	5.3	6.24	9.7	<0.02	<1	0.3	3.5	<10	3
R09-168D	Rock	<0.02	0.2	0.27	0.16	1.1	0.4	<0.05	6.7	8.80	20.1	<0.02	<1	0.2	5.7	<10	<2
R09-168F	Rock	<0.02	0.1	0.20	0.31	0.9	0.6	<0.05	4.9	12.26	25.1	<0.02	<1	<0.1	4.2	<10	<2
R09-168G	Rock	0.06	<0.1	0.19	0.22	1.9	0.6	<0.05	4.1	10.75	25.8	<0.02	1	0.1	3.9	<10	<2
R09-171D	Rock	0.04	0.3	0.03	0.22	0.7	0.3	<0.05	5.1	21.52	26.8	0.02	168	0.1	0.5	19	<2
R09-172C	Rock	0.06	0.2	0.07	0.07	0.5	0.5	<0.05	5.5	8.59	13.1	<0.02	56	<0.1	4.0	<10	<2
R09-172D	Rock	0.08	0.1	0.40	0.07	0.7	0.5	<0.05	18.6	6.04	7.2	<0.02	73	<0.1	4.1	<10	<2
R09-172E	Rock	0.07	0.1	0.39	0.06	0.6	0.5	<0.05	19.9	6.23	5.8	<0.02	40	<0.1	3.9	<10	<2
R09-172F	Rock	0.54	<0.1	0.08	0.10	2.1	0.5	<0.05	5.0	9.50	18.5	<0.02	35	<0.1	6.1	16	<2

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Project: North Kringle
Report Date: May 27, 2009

QUALITY CONTROL REPORT VAN09001779.1

	Method	WGHT	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1
R09-172E	Rock	0.65	42.54	15.29	4.36	4.27	26.53	0.06	0.17	0.78	0.08	0.14	0.008	<20	24	5.5	99.74	55	<1	12.2	0.1
Pulp Duplicates																					
R09-158A	Rock	0.15	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP R09-158A	QC																				
R09-159	Rock	0.68	48.36	14.39	13.67	6.23	10.50	2.89	0.33	1.94	0.17	0.20	0.022	75	42	1.0	99.67	91	<1	43.9	0.1
REP R09-159	QC																				
R09-172C	Rock	0.74	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP R09-172C	QC																				
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard		58.10	14.12	7.60	3.33	6.37	3.69	2.15	0.69	0.82	0.39	0.548	36	25	1.9	99.71	498	<1	26.5	6.8
STD SO-18	Standard		58.08	14.12	7.61	3.33	6.37	3.68	2.15	0.69	0.82	0.39	0.548	44	26	1.9	99.70	497	<1	26.3	7.0
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected			58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1
STD DS7 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	66.65	15.82	3.61	1.27	3.65	3.49	3.62	0.42	0.20	0.10	<0.002	<20	6	0.9	99.72	918	2	5.6	4.6
G1	Prep Blank	<0.01	67.06	15.85	3.41	1.24	3.64	3.51	3.68	0.42	0.20	0.09	<0.002	<20	6	0.6	99.70	945	3	5.1	4.5

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1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: North Kringle
Report Date: May 27, 2009

QUALITY CONTROL REPORT VAN09001779.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05
R09-172E	Rock	14.1	3.8	9.8	4.2	1	373.1	0.3	1.0	5.2	310	<0.5	111.0	14.0	6.8	11.6	1.93	7.5	1.94	0.74	2.21
Pulp Duplicates																					
R09-158A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP R09-158A	QC																				
R09-159	Rock	19.8	2.7	9.9	3.6	<1	577.1	0.6	0.8	0.2	357	<0.5	103.8	22.2	7.8	19.7	2.88	15.5	3.77	1.49	4.80
REP R09-159	QC																				
R09-172C	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP R09-172C	QC																				
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard	16.9	9.7	20.5	27.6	15	395.7	7.0	9.8	16.1	199	14.5	282.0	30.8	11.8	26.3	3.38	13.8	2.86	0.85	2.82
STD SO-18	Standard	16.9	9.7	20.6	27.8	14	399.6	7.1	10.1	16.2	198	14.2	281.8	31.1	11.9	26.5	3.39	13.7	2.87	0.84	2.79
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected		17.6	9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	14	3	0.89	2.93
STD DS7 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	18.9	4.2	21.6	117.7	<1	740.2	1.3	6.7	3.1	49	<0.5	132.8	14.6	25.4	51.9	5.78	22.0	3.71	1.08	3.14
G1	Prep Blank	18.8	3.6	23.0	116.4	<1	747.8	1.5	7.2	3.6	49	<0.5	142.5	15.5	27.8	58.5	6.38	23.5	4.00	1.13	3.55

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Project: North Kringle
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QUALITY CONTROL REPORT VAN09001779.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
	MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5
R09-172E	Rock	0.38	2.43	0.53	1.45	0.23	1.47	0.25	0.74	0.63	1.1	222.5	1.9	38	18.2	14.9	1.5	0.3	<0.1	0.2	3.0
Pulp Duplicates																					
R09-158A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP R09-158A	QC																				
R09-159	Rock	0.82	4.53	0.97	2.70	0.39	2.29	0.34	<0.02	0.02	0.3	122.5	31.0	100	24.0	219.0	0.6	1.8	<0.1	0.9	30.8
REP R09-159	QC								<0.02	0.03											
R09-172C	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP R09-172C	QC																				
Reference Materials																					
STD CSC	Standard								2.97	4.20											
STD DS7	Standard										18.8	98.7	60.1	363	53.4	45.6	5.9	4.0	4.4	0.7	46.7
STD DS7	Standard										18.3	104.7	58.3	354	51.3	49.0	5.7	4.0	4.3	0.7	47.0
STD DS7	Standard																				
STD DS7	Standard																				
STD OREAS76A	Standard								0.14	17.92											
STD SO-18	Standard	0.47	2.84	0.58	1.75	0.25	1.73	0.26													
STD SO-18	Standard	0.50	2.87	0.59	1.77	0.27	1.74	0.26													
STD CSC Expected									2.94	4.25											
STD OREAS76A Expected									0.16	18											
STD SO-18 Expected		0.53	3	0.62	1.84	0.29	1.79	0.27													
STD DS7 Expected											20.5	109	70.6	411	56	48.2	6.4	4.6	4.5	0.9	70
BLK	Blank								<0.02	<0.02											
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01													
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.47	2.56	0.51	1.66	0.27	1.74	0.30	0.02	<0.02	0.1	2.7	4.0	47	3.8	11.1	<0.1	<0.1	<0.1	<0.1	1.4
G1	Prep Blank	0.51	2.85	0.59	1.66	0.26	1.88	0.31	0.02	<0.02	0.1	3.3	10.3	45	4.4	17.1	<0.1	0.2	0.2	0.1	2.0

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Report Date: May 27, 2009

QUALITY CONTROL REPORT VAN09001779.1

	Method	1DX	1DX	1DX	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Hg	Tl	Se	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.1	0.5	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
R09-172E	Rock	0.01	<0.1	11.2	1.15	220.2	2.05	42.5	271	19.8	12.2	235	1.31	17.6	2.3	1.0	0.6	134.6	1.47	0.34	0.04
Pulp Duplicates																					
R09-158A	Rock	N.A.	N.A.	N.A.	0.44	83.88	5.46	19.2	89	11.6	4.7	259	1.95	24.3	0.1	4.3	0.2	209.4	0.15	0.71	0.03
REP R09-158A	QC				0.47	83.01	5.23	19.5	91	11.6	4.7	255	1.89	24.7	0.1	2.9	0.2	199.9	0.17	0.68	0.03
R09-159	Rock	0.18	<0.1	<0.5	0.31	130.2	30.99	99.2	961	25.7	14.3	258	2.91	211.1	<0.1	40.3	0.3	82.4	0.53	2.25	0.09
REP R09-159	QC																				
R09-172C	Rock	N.A.	N.A.	N.A.	1.24	175.3	2.66	42.0	240	22.8	14.0	231	1.70	13.8	4.8	1.7	1.8	157.9	1.55	0.32	0.06
REP R09-172C	QC				1.26	173.8	2.45	42.3	240	23.8	14.3	236	1.73	13.2	4.7	1.8	1.7	154.1	1.66	0.30	0.04
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard	0.19	4.0	3.0																	
STD DS7	Standard	0.18	3.7	3.1																	
STD DS7	Standard				22.64	119.7	67.42	414.4	879	59.3	10.5	641	2.42	52.4	4.8	81.8	4.4	72.9	6.58	6.26	4.91
STD DS7	Standard				21.71	109.7	70.65	405.5	836	59.9	9.8	654	2.49	53.5	5.1	68.2	4.7	76.7	6.77	6.39	5.09
STD OREAS76A	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected																					
STD DS7 Expected		0.2	4.2	3.5	20.5	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	4.6	4.51
BLK	Blank																				
BLK	Blank	<0.01	<0.1	<0.5																	
BLK	Blank																				
BLK	Blank				<0.01	0.09	0.71	<0.1	<2	<0.1	<0.1	<1	<0.01	0.3	<0.1	<0.2	<0.1	<0.5	0.05	<0.02	<0.02
BLK	Blank				<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02
Prep Wash																					
G1	Prep Blank	0.01	0.3	<0.5	0.13	2.61	4.61	51.7	55	4.4	5.0	563	1.97	12.6	1.6	2.2	3.6	52.2	<0.01	0.12	0.09
G1	Prep Blank	0.01	0.3	<0.5	0.17	3.29	11.58	50.2	141	6.0	4.8	535	1.94	17.6	1.7	3.2	3.6	47.8	0.01	0.20	0.25

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Project: North Kringle
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QUALITY CONTROL REPORT VAN09001779.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
R09-172E	Rock	41	8.82	0.032	4.3	6.2	0.28	10.0	0.100	4	4.01	0.006	0.01	0.1	1.1	0.06	0.66	10	11.9	0.07	7.4
Pulp Duplicates																					
R09-158A	Rock	128	3.16	0.065	1.6	31.4	0.25	3.8	0.580	1	2.09	0.007	<0.01	0.1	6.3	<0.02	<0.02	41	0.2	<0.02	8.3
REP R09-158A	QC	121	3.03	0.066	1.6	30.7	0.25	3.8	0.556	1	2.03	0.007	<0.01	0.1	6.2	<0.02	<0.02	39	0.1	<0.02	8.0
R09-159	Rock	138	1.42	0.076	4.2	15.8	0.76	33.7	0.132	1	1.91	0.257	0.10	<0.1	3.0	<0.02	0.02	182	0.3	<0.02	6.5
REP R09-159	QC																				
R09-172C	Rock	37	9.82	0.120	10.6	6.1	0.26	7.8	0.091	3	4.05	0.005	0.01	0.2	1.0	0.05	1.10	<5	18.5	0.12	8.1
REP R09-172C	QC	38	9.67	0.116	10.6	6.6	0.26	7.4	0.088	4	3.96	0.005	0.01	0.2	1.1	0.05	1.11	<5	18.6	0.12	7.8
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard	80	0.97	0.084	14.0	199.7	1.04	441.2	0.126	39	1.04	0.088	0.48	4.0	2.8	4.32	0.19	200	3.7	1.22	4.8
STD DS7	Standard	87	0.98	0.081	13.8	208.0	1.05	423.5	0.131	42	1.06	0.094	0.50	4.2	2.7	4.38	0.20	207	3.9	1.31	5.2
STD OREAS76A	Standard																				
STD SO-18	Standard																				
STD SO-18	Standard																				
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected																					
STD DS7 Expected		84	0.93	0.08	11.7	179	1.05	370.3	0.124	38.6	0.959	0.089	0.44	3.4	2.5	4.19	0.19	200	3.5	1.08	4.6
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
Prep Wash																					
G1	Prep Blank	42	0.51	0.088	8.2	10.8	0.61	268.8	0.142	1	0.98	0.072	0.54	<0.1	2.3	0.38	<0.02	14	<0.1	<0.02	4.9
G1	Prep Blank	40	0.50	0.091	7.0	10.6	0.61	253.8	0.133	<1	0.95	0.062	0.52	<0.1	2.1	0.36	<0.02	21	0.1	<0.02	4.9

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
R09-172E	Rock	0.07	0.1	0.39	0.06	0.6	0.5	<0.05	19.9	6.23	5.8	<0.02	40	<0.1	3.9	<10	<2
Pulp Duplicates																	
R09-158A	Rock	0.04	0.3	0.49	0.70	0.4	0.4	<0.05	13.1	5.85	3.9	0.06	<1	0.4	0.6	<10	7
REP R09-158A	QC	0.05	0.2	0.52	0.60	0.4	0.4	<0.05	12.2	5.67	3.8	0.05	<1	0.2	0.6	12	4
R09-159	Rock	0.13	<0.1	0.17	0.09	2.1	0.3	<0.05	4.2	9.58	10.2	<0.02	<1	0.1	4.4	16	3
REP R09-159	QC																
R09-172C	Rock	0.06	0.2	0.07	0.07	0.5	0.5	<0.05	5.5	8.59	13.1	<0.02	56	<0.1	4.0	<10	<2
REP R09-172C	QC	0.05	0.2	0.09	0.07	0.4	0.5	<0.05	5.6	8.53	13.0	<0.02	54	<0.1	3.4	<10	<2
Reference Materials																	
STD CSC	Standard																
STD DS7	Standard																
STD DS7	Standard																
STD DS7	Standard	6.64	0.2	0.13	0.72	38.2	5.0	<0.05	6.3	6.11	36.0	1.70	4	1.5	28.7	66	38
STD DS7	Standard	6.85	0.1	0.14	0.72	38.5	5.3	<0.05	6.2	6.02	36.9	1.74	5	1.5	30.5	79	37
STD OREAS76A	Standard																
STD SO-18	Standard																
STD SO-18	Standard																
STD CSC Expected																	
STD OREAS76A Expected																	
STD SO-18 Expected																	
STD DS7 Expected		6.36	0.1	0.11	0.71	35.8	4.61		5.4	5.18	36	1.57	4	1.6	29.3	58	37
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash																	
G1	Prep Blank	3.65	0.1	0.10	0.47	48.6	0.5	<0.05	1.1	4.77	14.8	<0.02	<1	0.3	32.1	<10	<2
G1	Prep Blank	3.47	0.2	0.08	0.44	45.4	0.4	<0.05	1.0	4.32	13.0	<0.02	<1	0.2	29.4	<10	<2

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Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: May 19, 2009
Report Date: May 27, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09001780.1

CLIENT JOB INFORMATION

Project: North Kringle
Shipment ID:
P.O. Number
Number of Samples: 14

SAMPLE DISPOSAL

RTRN-PLP Return
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R200	14	Crush, split and pulverize rock to 200 mesh		
1F15	14	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed

ADDITIONAL COMMENTS

Invoice To: Schau, Mikkel
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4
Canada

CC:

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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Brentwood Bay BC V8M 1A4 Canada

Project: North Kringle
Report Date: May 27, 2009

CERTIFICATE OF ANALYSIS VAN09001780.1

Method		WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
P09-164A	Rock	0.64	1.93	111.8	17.79	89.9	46	24.2	12.5	598	1.61	2.0	1.9	0.3	1.1	105.6	0.69	0.16	0.15	51	2.84
P09-164B	Rock	0.55	8.74	68.41	7.07	40.4	49	27.0	12.2	345	1.95	8.4	2.5	0.6	0.5	78.9	0.12	0.23	0.13	73	1.16
P09-164C	Rock	0.62	9.52	103.1	133.7	153.4	101	21.3	17.4	823	2.69	6.3	2.2	0.6	0.5	84.7	0.74	0.19	0.65	64	2.20
P09-164D	Rock	0.61	9.42	57.66	31.91	61.0	43	19.4	9.7	291	2.11	7.3	3.2	0.7	0.6	78.2	0.43	0.17	0.12	77	2.56
P09-167	Rock	0.42	8.03	176.6	19.18	93.8	100	37.8	23.0	582	3.79	3.2	2.2	0.9	0.5	71.3	0.77	0.14	0.09	149	1.67
P09-168A	Rock	0.64	3.63	152.0	101.4	70.9	54	24.1	16.6	378	2.71	3.1	1.8	0.5	1.8	73.7	1.03	0.09	0.08	90	1.30
P09-169	Rock	0.63	0.98	59.21	76.06	53.9	34	18.0	12.0	360	1.89	1.3	1.2	<0.2	2.4	109.5	1.09	0.12	0.04	62	1.51
P09-171A	Rock	0.60	4.14	354.0	174.3	82.6	630	27.2	18.8	440	1.75	66.9	3.1	0.7	1.2	106.7	2.49	0.65	0.59	66	4.68
P09-171B	Rock	0.45	5.50	172.7	19.56	160.0	400	51.0	23.3	497	2.71	61.2	8.6	1.3	0.8	238.2	6.57	0.64	0.14	119	4.58
P09-171C	Rock	0.61	4.51	80.89	6.15	144.3	260	51.5	10.7	264	1.62	16.6	9.9	1.1	0.9	140.6	3.66	0.28	0.12	108	5.01
P09-172A	Rock	0.41	11.87	206.1	11.90	74.1	454	35.1	16.4	475	3.80	31.1	7.8	2.1	1.8	64.5	0.70	0.69	0.13	91	5.97
P09-172B	Rock	0.58	5.90	127.9	9.75	75.6	244	26.8	11.7	501	1.86	24.9	4.4	1.3	1.3	92.5	1.21	0.89	0.13	72	4.72
P09-188SW	Rock	0.20	3.13	206.2	3.76	244.4	2910	50.2	24.2	688	4.87	15.3	19.6	12.4	1.2	866.7	17.30	0.98	0.16	63	8.37
P09-188SE	Rock	0.16	2.35	99.86	2.45	188.9	919	45.3	7.2	335	1.83	5.0	8.8	0.9	1.3	301.4	11.62	0.20	0.07	25	3.09

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Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: North Kringle
Report Date: May 27, 2009

CERTIFICATE OF ANALYSIS VAN09001780.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
P09-164A	Rock	0.200	8.0	28.3	0.88	9.4	0.069	1	2.86	0.005	<0.01	0.4	3.9	<0.02	<0.02	9	0.5	<0.02	6.5	0.05	0.2
P09-164B	Rock	0.116	5.3	19.4	0.50	31.1	0.084	<1	1.89	0.036	0.03	0.3	3.4	<0.02	0.04	15	3.6	0.06	3.9	0.21	0.1
P09-164C	Rock	0.187	7.3	19.1	0.86	28.3	0.062	1	2.23	0.017	0.02	0.6	3.9	<0.02	0.04	20	3.9	0.17	4.9	0.08	0.1
P09-164D	Rock	0.164	7.6	19.3	0.67	16.3	0.072	1	2.84	0.011	0.01	0.5	3.3	<0.02	0.03	17	3.5	0.10	5.4	0.06	<0.1
P09-167	Rock	0.093	4.8	46.7	1.12	37.0	0.212	2	2.55	0.049	0.04	0.4	7.1	0.03	0.12	7	4.9	0.03	7.0	0.28	0.2
P09-168A	Rock	0.102	7.1	41.4	1.08	39.9	0.151	1	2.54	0.054	0.06	0.3	5.2	<0.02	<0.02	8	1.0	0.03	5.8	0.32	0.1
P09-169	Rock	0.089	6.7	50.6	1.04	22.7	0.126	1	1.95	0.040	0.04	0.3	5.8	<0.02	<0.02	5	0.9	0.02	4.8	0.12	0.1
P09-171A	Rock	0.188	9.6	38.5	0.34	15.7	0.098	2	3.23	0.003	<0.01	0.3	2.8	0.11	0.05	15	16.3	0.14	9.3	0.03	0.3
P09-171B	Rock	0.467	16.3	41.7	0.17	27.3	0.062	2	2.75	0.007	<0.01	0.3	3.2	0.13	0.09	12	13.3	0.24	6.5	0.05	0.3
P09-171C	Rock	0.551	16.6	42.3	0.08	20.4	0.064	2	2.71	0.008	0.01	0.2	2.2	0.03	0.08	<5	12.3	0.20	6.2	0.04	0.2
P09-172A	Rock	0.387	16.8	24.5	0.58	10.6	0.090	6	4.12	0.008	<0.01	0.6	3.3	0.09	0.15	<5	11.0	0.19	8.5	0.07	0.3
P09-172B	Rock	0.231	11.7	20.7	0.22	14.9	0.098	9	3.36	0.013	<0.01	0.4	2.9	0.06	0.05	<5	5.1	0.12	6.6	0.11	0.2
P09-188SW	Rock	1.084	21.9	32.5	0.05	172.1	0.046	12	6.81	0.177	0.02	<0.1	2.6	0.04	0.71	12	34.2	0.41	11.0	1.05	0.2
P09-188SE	Rock	0.350	14.6	6.8	0.26	52.5	0.036	4	2.09	0.150	0.02	<0.1	0.8	0.04	0.17	<5	10.7	0.28	3.6	0.39	0.1

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Brentwood Bay BC V8M 1A4 Canada

Project: North Kringle
Report Date: May 27, 2009

CERTIFICATE OF ANALYSIS VAN09001780.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
P09-164A	Rock	0.15	0.19	0.6	0.2	<0.05	6.5	10.16	12.2	<0.02	<1	0.4	4.1	<10	<2
P09-164B	Rock	0.17	0.16	2.1	0.1	<0.05	8.1	9.03	8.6	<0.02	7	0.2	3.5	<10	<2
P09-164C	Rock	0.15	0.14	0.9	0.9	<0.05	7.8	9.55	11.2	<0.02	5	0.1	3.1	<10	<2
P09-164D	Rock	0.22	0.17	0.9	0.1	<0.05	9.4	11.19	11.4	<0.02	6	0.2	2.4	<10	<2
P09-167	Rock	0.30	0.36	2.5	0.3	<0.05	11.8	7.83	8.8	<0.02	15	0.2	8.9	12	3
P09-168A	Rock	0.13	0.37	3.1	0.3	<0.05	5.3	6.95	14.4	<0.02	<1	0.3	7.0	<10	<2
P09-169	Rock	0.15	0.33	1.4	0.2	<0.05	5.3	6.21	11.7	<0.02	<1	0.3	5.5	<10	<2
P09-171A	Rock	0.31	0.06	0.2	0.2	<0.05	14.2	9.68	12.2	<0.02	4	0.3	0.8	<10	<2
P09-171B	Rock	0.24	0.20	0.4	0.2	<0.05	12.0	23.92	16.8	0.03	25	0.3	0.9	<10	4
P09-171C	Rock	0.13	0.19	0.5	0.2	<0.05	7.3	24.17	16.4	0.03	35	0.4	1.0	<10	3
P09-172A	Rock	0.20	0.09	0.6	0.4	<0.05	10.6	13.05	19.3	0.02	18	0.2	3.1	10	<2
P09-172B	Rock	0.28	0.13	0.4	0.5	<0.05	13.1	12.12	14.1	<0.02	14	0.2	1.4	10	2
P09-188SW	Rock	0.11	0.11	1.7	0.1	<0.05	5.1	29.84	20.3	0.14	59	0.5	2.4	<10	3
P09-188SE	Rock	0.20	0.13	1.2	0.1	<0.05	10.1	22.61	15.6	0.04	21	0.2	1.4	<10	3

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Project: North Kringle
Report Date: May 27, 2009

QUALITY CONTROL REPORT VAN09001780.1

	Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																					
P09-188SE	Rock	0.16	2.35	99.86	2.45	188.9	919	45.3	7.2	335	1.83	5.0	8.8	0.9	1.3	301.4	11.62	0.20	0.07	25	3.09
REP P09-188SE	QC		2.27	101.5	2.32	178.0	918	47.2	7.1	337	1.86	5.1	8.5	0.8	1.2	301.2	11.70	0.19	0.05	23	3.14
Reference Materials																					
STD DS7	Standard		22.64	119.7	67.42	414.4	879	59.3	10.5	641	2.42	52.4	4.8	81.8	4.4	72.9	6.58	6.26	4.91	80	0.97
STD DS7 Expected			20.5	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	4.6	4.51	84	0.93
BLK	Blank		<0.01	0.09	0.71	<0.1	<2	<0.1	<0.1	<1	<0.01	0.3	<0.1	<0.2	<0.1	<0.5	0.05	<0.02	<0.02	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.12	2.29	5.22	47.9	15	4.0	4.5	547	1.88	0.7	1.8	3.7	3.6	50.3	<0.01	0.09	0.11	38	0.51
G1	Prep Blank	<0.01	0.21	2.09	5.78	49.3	20	4.2	4.6	543	1.95	0.5	1.8	0.7	3.8	52.6	<0.01	0.09	0.11	38	0.52

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Project: North Kringle
Report Date: May 27, 2009

QUALITY CONTROL REPORT VAN09001780.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
P09-188SE	Rock	0.350	14.6	6.8	0.26	52.5	0.036	4	2.09	0.150	0.02	<0.1	0.8	0.04	0.17	<5	10.7	0.28	3.6	0.39	0.1
REP P09-188SE	QC	0.353	14.2	6.2	0.21	50.5	0.033	4	2.08	0.152	0.02	<0.1	0.8	0.03	0.17	6	10.9	0.23	3.4	0.39	<0.1
Reference Materials																					
STD DS7	Standard	0.084	14.0	199.7	1.04	441.2	0.126	39	1.04	0.088	0.48	4.0	2.8	4.32	0.19	200	3.7	1.22	4.8	6.64	0.2
STD DS7 Expected		0.08	11.7	179	1.05	370.3	0.124	38.6	0.959	0.089	0.44	3.4	2.5	4.19	0.19	200	3.5	1.08	4.6	6.36	0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
Prep Wash																					
G1	Prep Blank	0.087	6.6	9.2	0.61	252.8	0.129	1	0.91	0.051	0.54	<0.1	2.0	0.34	<0.02	6	<0.1	<0.02	4.7	3.49	<0.1
G1	Prep Blank	0.086	7.5	10.8	0.59	259.3	0.137	1	0.99	0.068	0.55	<0.1	2.3	0.37	<0.02	<5	<0.1	<0.02	4.9	3.57	0.1

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Project: North Kringle
Report Date: May 27, 2009

QUALITY CONTROL REPORT VAN09001780.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates															
P09-188SE	Rock	0.20	0.13	1.2	0.1	<0.05	10.1	22.61	15.6	0.04	21	0.2	1.4	<10	3
REP P09-188SE	QC	0.20	0.09	1.2	<0.1	<0.05	9.3	22.54	16.0	0.04	15	<0.1	1.2	<10	<2
Reference Materials															
STD DS7	Standard	0.13	0.72	38.2	5.0	<0.05	6.3	6.11	36.0	1.70	4	1.5	28.7	66	38
STD DS7 Expected		0.11	0.71	35.8	4.61		5.4	5.18	36	1.57	4	1.6	29.3	58	37
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash															
G1	Prep Blank	0.08	0.35	46.0	0.5	<0.05	0.9	3.82	12.4	<0.02	<1	0.1	32.8	<10	<2
G1	Prep Blank	0.11	0.45	46.4	0.5	<0.05	1.2	4.57	14.2	<0.02	<1	0.3	32.9	<10	<2