ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Ongoing exploration on the Flan Consolidated Claims (Geology, geochemistry, and geophysics)

TOTAL COST:$95,000.00

AUTHOR(S): Mikkel Schau, P.Geo.
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
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YEAR OF WORK:2009, 2010

PROPERTY NAME: Flan Consolidated Claims

CLAIM NAME(S) (on which work was done): Tenures 507295, 509012, 513281, 543699, 553495, and 590156

COMMODITIES SOUGHT: Gold & Copper

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: Nanaimo Mining Division
NTS / BCGS: NTS 092L/01
LATITUDE: _____50____° _____06_____' ____53_____"
LONGITUDE: ____126_____° ____16_____' ____1_____" (at centre of work)
UTM Zone: EASTING: NORTHING:

OWNER(S): Mikkel Schau
Interwest Enterprises Ltd

MAILING ADDRESS:
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REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)
Contact, Sediment-sill unit, Triassic, two mica granite, hornblende-biotite-granodiorite; shearzones; phyllic and propylitic; electrum chalcopyrite sphalerite and galena; till fragments and in situ showings

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:
23546, 26793, 27311, 28382, 29360, 29551, 30009, 30471, 31046

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	400ha	At 1:10000		507295, 509012, 513281, 543699, 553495, 590156	$10,000.00
Photo interpretation					
GEOPHYSICAL (line-kilometres)					
Ground					
Magnetic	3km	At 30m stations	With repeats	509012	$4,000.00
Electromagnetic VLF1, 2	3km	At 30m stations	With repeats	509012	$4,000.00
Induced Polarization					
Radiometric					
Seismic					
Other BeepMat	3km	At 30m stations	With repeats	509012	$4,000.00
Other Self potential	0.5km	At 5m spacing	With repeats	509012	$3,000.00
GEOCHEMICAL (number of samples analysed for …)					
Soil	Acme 122	Aqua regia leach	37 elements	all	$8,000.00
Silt	Acme 144	Aqua regia leach	37 elements	all	$10,000.00
Till	Acme 20	Aqua regia leach	37 elements	all	$600.00
Rock	Acme 87	Aqua regia leach	37 elements	all	$10,000.00
Other Soil-EEL	ActLab 78	Enhanced enzyme leach	57 elements	509012	$10,000.00
DRILLING (total metres, number of holes, size, storage location)					
Core					
Non-core					
RELATED TECHNICAL					
Sampling / Assaying	68 10	Fire assay Au Cu & Ag	Acme Acme	all	$3,000.00
Petrographic	40	Thin sections	Van Pet, Schau	all	$8,000.00
Mineralographic	10	SWIR	Heberlein	all	$400.00
Metallurgic					
PROSPECTING (scale/area)	1000 ha	1:10,000		all	$20,000.00
PREPATORY / PHYSICAL					
Line/grid (km)					
Topo/Photogrammetric (scale, area)					
Legal Surveys (scale, area)					
Road, local access (km)/trail					
Trench (number/metres)					
Underground development (metres)					
Other					
				TOTAL COST	$95,000.00

Ongoing exploration on the Flan Consolidated Claims

(Tenures 507295, 509012, 513281, 543699, 553495, and 590156)
(Geology, geochemistry, and geophysics)

in the

Nanaimo Mining Division

in

092L/01

at 50 deg 06 min 44 sec North and 126 deg 15 min 39 sec West

for

Interwest Enterprises Ltd
and
Mikkel Schau, owner

by

Mikkel Schau, P.Geo.

June 24, 2010
(submitted October 2, 2010,
by permission)

SUMMARY

The Flan showing is a high grade gold showing, consisting of large basal till fragments carrying up to 135 gm/mt Au in the form of small grains of electrum, trapped in chalcopyrite blebs in the pyrrhotite rich matrix of a tectonic breccia (AR29360 and 30009).

The Flan showing is located south of Schoen Lake Provincial Park in northern Vancouver Island. It is reached by active logging roads and is near deep water ports at Kelsey Bay and Port McNeil as well as along truck transport routes on Highway 19.

This season's work has confirmed the merit of the Flan showing. Copper-zinc-silver mineralization has been found in place, as matrix in a fault breccia zone, without the high gold grades of the till fragments. Examples of assay returns from the new in situ samples are from nearby Jackpot creek and show more “distal” values than the “proximal” till fragments:

specimen	Au ppb	Ag ppm*	Cu %	Zn %
MF09JPS-03	149	**74.7**	1.415%+	0.17%+
MF09JPS-05	118	**81.6**	1.353%+	2.57%+
MF09JPS-06	176.9	**96 gm/mt#**	0.295%+	1.61%+
MF09JPS-09	233	**32.5**	0.332%+	1.15%+

Gold by fire assay-ICP-MS * ICP-MS, +copper and zinc assays by standard AA method, #gravimetric Fire Assay

A high grade till fragment, down hill from previously reported mineralized till fragment samples at FLAN showing, carries the grade noted below

specimen	Au	Ag	Cu
AF09003B	**104 gm/mt#**	**260 gm/mt#**	**9.456%+**

gravimetric fire assay, +copper assays by standard AA method,

The location of regional geochemical cutoffs in Jackpot Creek are noteworthy and suggest a source near the source of Jackpot Creek of copper and gold mineralization.

A Grid, including the showing, shows some overlapping anomalous responses:

A halo response of Br indicating an oxidizing sulphide body

A self Potential anomaly signifying sulphide accumulation.

Apical REE, and Nb anomalies indicating faulting

and Apical Cu signifying base metal mineralization,

that suggest a possible trenching target.

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Introduction

Ongoing work at the FLAN showing in Flan-Consolidated Claim Block near Schoen Lake Provincial Park, on Northern Vancouver Island has focused on finding the source of precious metal rich till fragments by extending the Flan showing by regional geochemical studies. A small grid, encompassing the till fragment locations, has been tested using sophisticated geochemical and geophysical methods following a “buy in” agreement with Interwest Enterprises Ltd .

Property location, access and title

The Flan Showing is found in tenure 50912 within the Flan-Consolidated Claims located on Northern Vancouver Island and is within the Nanaimo Mining District jurisdiction. The Flan-Consolidated Group claims are located in the Schoen Creek valley at the foot of the western flank of Mount Adam, about 30 km east-southeast of Woss, on Vancouver Island B.C. (Figures 1, 2). They are located in the Vancouver Island Ranges within NTS 092L/01 and are centered at approximately 50° 06' 44” N and 126° 15' 39” W. (Fig. 2, 3).

Access to the claims is via a logging main branching off the Island Highway and continues along subsidiary logging roads that pass through Schoen Lake Provincial Park, south, into the area of interest. Two and four wheel drive vehicles can closely approach the showing. The main logging road is the one leading to Gold River, and at a junction marked Schoen, (with the label, “this is not the road to Schoen Lake Provincial Park”) the road passes along the south of the Davies River and through the Park into the headwaters of Schoen Creek. This road proceeds upstream along the west side of the creek until, several km along, the required road splits and the eastern one (SC10) descends to the floor of the valley and crosses the creek over a bridge. This road splits. A southern segment, continues upstream along the east side of the creek past another bridge. About a km past this the road splits and one ascends the hill by way of a hairpin to arrive at the slump face of the Flan Showing. Near the bridge over Schoen Creek, the northern fork also quickly divides and one takes the uphill spur, which leads one, after negotiating a hairpin turn, up to a copper bearing black shale/chert showing at the end of the road.

Tenure Number	Owner	New Due date	Area, ha.
507295	142134 80% Interwest Enterprises 20%	2016, Oct 10	517.912
509012	142134 80% Interwest Enterprises 20%	2016, Nov 18	165.753
513281	142134 80% Interwest Enterprises 20%	2016, Oct 10	497.218
543699	142134 80% Interwest Enterprises 20%	2016, May 10	227.868
553495	142134 80% Interwest Enterprises 20%	2016, May 10	518.106
590156	142134 80% Interwest Enterprises 20%	2016, May 10	518.087

All claims in above table, which total 2444.934 ha., are held 80% by Mikkel Schau (Free Miner 14234) and 20% by Interwest Enterprises Ltd after this years work. A contract lays out further opportunities for Interwest Enterprises to acquire up to 80% of the claim.

The land situation is typical of BC; I have claimed the mineral rights in a lawful manner. According to the MTOnline website:

"...Any subsequent activities, permits, approvals or decisions related to exploration or development work on mineral or placer claims will require the Province British Columbia to meet applicable legal obligations to consult with, and if appropriate, accommodate, affected First Nations ...". There is no record, available to me, that this government consultation has in fact been carried out for these claims.

To the best of my knowledge the Land Claim Treaty Process has not directly discussed these lands although they are under general claim by several groups. The SOI of 'Namgis Nation covers the majority of the claim group, (all lands within the Nimpkish drainage area). Special forestry concessions in Schoen valley have been logged a 'Namgis held forestry company. Certain access roads have become available for further prospecting, as a result. I have been in personal contact with the chief, the forestry group and some members of council at Alert Bay and they are aware of my activities. The claim within the Adam River drainage, just east of Mt Adam are subject to competing SOIs of several First Nations, including the K'omoks Nation.

There has been no impediment to my claiming or working the land to time of writing. Local people have told me they would like there to be more exploration, and possibly mining in region, to shore up their local economy.

Previous work

The general area has had a sparse history of mineral exploration. Government sponsored regional mapping programs was most recently conducted by J.E. Muller et al. (1974) (Fig. 4) and made available in digital form by N.W. Massey (1995, 2004). A government sponsored regional geochemical survey (RGS23) indicate that creeks in the Schoen Lake watershed are anomalous, showing values up to 160 ppb Au. (MapPlace, 2000/2003/2006/2008). An adjacent creek valley and a hill crest to the west of the Schoen Creek valley were staked in 1993 and shown to carry anomalous concentrations of several economic elements, including Cu, Zn, Ag, Pb, Mo and Au (AR 23546). An in situ sample with 1 gm/mt Au was recorded then. Those claims have since lapsed. Claims to the east of Mount Adam have been explored over the years, but have lapsed and are not held at this time.

In 2000, a sample with about 60 gm/mt gold was found at the Flan showing by the current owner, prospecting for precious metals under the Prospector's Assistance Program, and the showing was staked in late 2000 based on results of the initial assay reports. A granite was recognized in the course of mapping and an area was staked to cover the apparent edges of the granite. Staking has continued, it now includes all of land within the Schoen Creek drainage basin. The current owner, Mikkel Schau, is conducting grass-roots exploration and looking at the possibility of enlarging the showing to become a viable prospect. Previous assessment work done by owner on the claims is listed below:

AR Number	Date off confidential	Operator
31046	*2010-06-30*	*Self and Interwest Enterprises*
30471	*2009-10-16*	*Self*
30009	*2009-03-02*	*Self*
29551	*2008-10-18*	*Self*
29360	*2008-07-28*	*Self*
28382	*2007-02-14*	*Self*
27311	*2004-08-26*	*Self*
26793	*2002-11-15*	*Self*

AR 26793 produced data on the surrounds of the original gold discovery location

AR 27311 discussed veins in a nearby, hitherto unknown, 2 mica granite thought to be a possible source of mineralization

AR 28382 added geological information on basalts and epithermal veins on on the west side of ridge west of Schoen Creek.

AR 29360 focused on new high grade sulphide grab samples from basal till at the original location. “Metallics” gold assays on 500 gm samples yielded up to 4 oz/mt from pyrrhotite rich copper bearing basal till boulders.

AR 29551 discussed alteration on the claims and conclude that low grade regional metamorphism affected Triassic basalts and shales. Local phyllic alteration has affected the 2 mica pluton, showing a local chlorite rich zone and a sericite rich zone. The granite was thought to have been emplaced in a high strain zone. The possibility that the west of the creek was displaced with regard to the east side was suggested.

AR 30009 presents evidence that the gold at Flan Showing is found in small grains of electrum (range 5 to 72 micron grains; median and mode is 15 microns) along with small grains of BiTe in within chalcopyrite, and less so in pyrrhotite and sphalerite.

AR 30471 presents data on the anomalous till fragments and till matrix as well as reporting new copper silver showings developed in shears in sediment-sill unit to the north.

AR 31046 presents a lineament study carried out on a newly acquired high definition ortho-photo as well as presenting more data on the organic and metallic content of the sediment sill unit. The till section yielded more anomalous fragments.

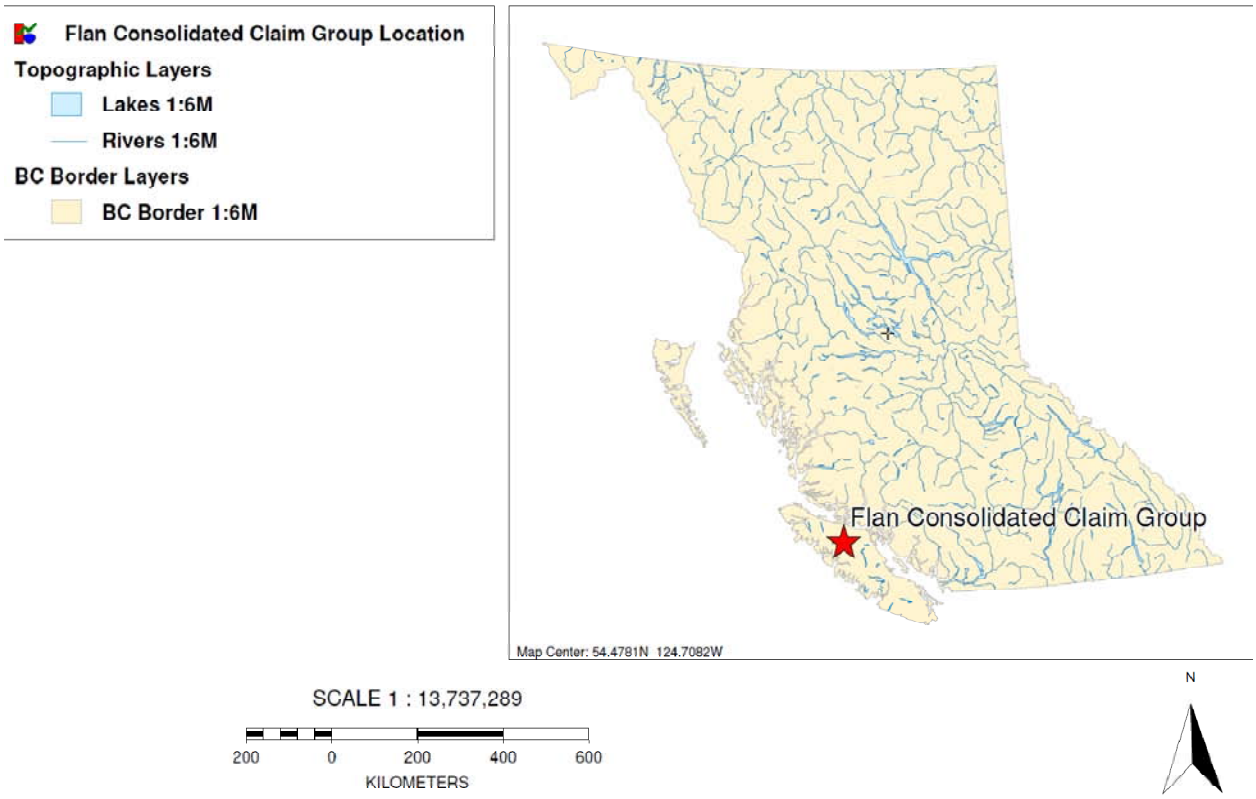


Figure 1: Location Map

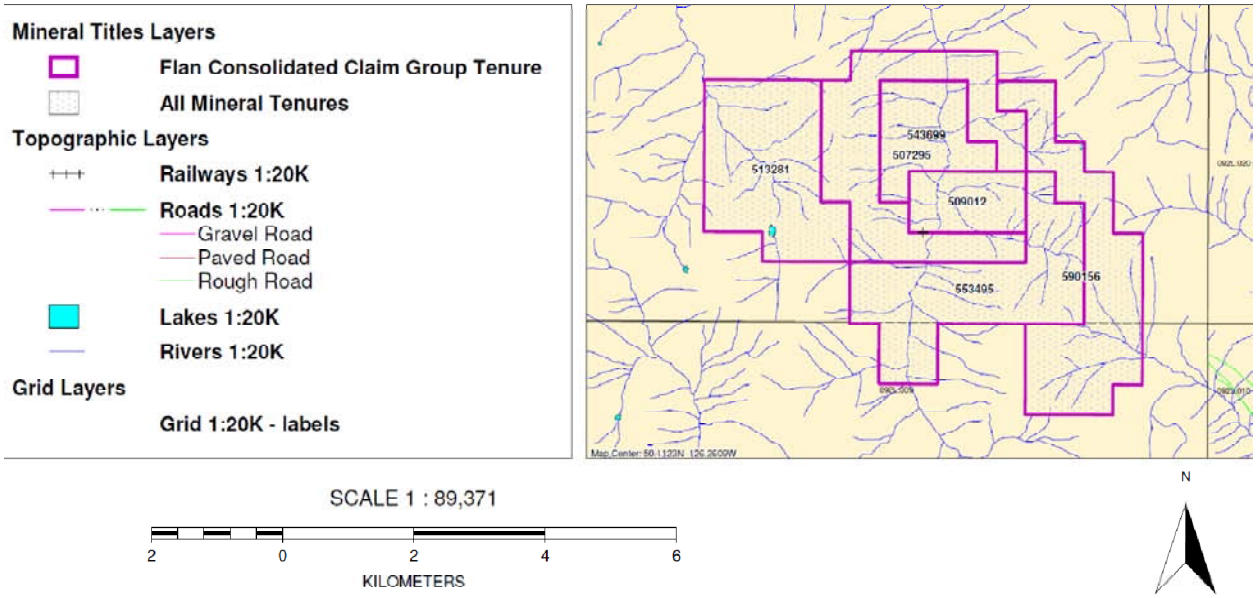


Figure 2: Claim Map, July 2009

Summary of work done

Prospecting 1000ha at 1:10000 scale, working logging roads and selected off road areas (3 prospectors, 28 days, 1 prospector 15 days, area covered in various efficiency).

Geological mapping of 500 ha, along and near logging roads and selected off road areas (1 geologist, 28 day, area mapped in variable efficiency).

40 Thin sections (prepared by Vancouver Petrographics) and 40 Descriptions by Schau.

Assays (Acme Analytical Labs, aqua regia leach standard methods)

Regional

Acme VAN09003260.1. 20 regional till matrix samples 1DX1

Acme VAN09003261.2 122 regional silt samples 1DX1, 3 FA-ICP

Acme VAN09003259.3 66 regional rock samples by 1DX1, 40 by FA–ICP, 3 FA by gravimetric, 10 assays for Cu and Ag

Acme VAN09003259R.1, 4 rock samples redone by 1DX1 and same 4 by FA-ICP

Acme VAN09004636.1 74 regional soil mid B horizon samples 1DX1

Acme VAN09004648.1 12 regional silt samples 1DX1

Acme VAN09004878.1, 3 rock samples done by 1DX1 and same 3 by FA-ICP

Acme VAN09004765.1 21 regional rock samples 1DX1 and 21 FA-ICP, 4 Total Rock with traces

Grid

Geochemical survey

Assays (Act Labs), Enhanced Enzyme Leach

ActLabs A09-3923, of 78 samples from A/B horizon on grid , 30 m spacing, by INAA

Assays (Acme Analytical Labs, aqua regia leach standard methods)

Acme VAN09003789.1 48 selected samples from A/B horizon on grid , 30 m spacing 1DX1

Geophysical Surveys

Beepmat,

grid survey (71 locations 30 m spacing) as well as repeats and spot checks

Self-potential Survey

several short lines on grid (locations), performed twice to check data

Magnetic Survey

grid survey (71 locations, 30 m spacing) and two short check lines (west of Schoen Creek)

VLF

VLF1, (Hawaii) grid survey (78 locations, 30 m spacing) and several short check lines, performed several times to get stable data

VLF2, (Annapolis) grid survey (78 locations, 30 m spacing) and several short check lines, performed several times to get (unsuccessfully) stable data

Petrophysics

Densities 20 selected samples.

All numerical data is listed in appendices A to D along with detailed maps showing locations and maps with numerical values of selected elements.

Detailed data and interpretation

Purpose

The work recorded herein is to present information on mineralization along new exposures in the Flan consolidated claims and present results of geochemical surveys on till, soil and stream sediments to narrow the search for the outcrop location of high grade mineralized till fragments.

The presence in un-oxidized till of the gold bearing fragments indicates that the fragments are derived from a till eroded from within the Schoen Creek drainage. In general, large fragments of a meter or so diameter of fragile material near the base of a till will not have been moved a long distance from the source. So a logical place is to look nearby and up ice. The showing is at the junction of Schoen Creek and its smaller tributary (Jackpot Creek) which raises the possibility of a source being up ice either along the Schoen Creek arm or up the Jackpot arm. Hence a dual search program was entered upon. A regional sampling program has tested till, silts and soils from a variety of situations up ice. As well, an area adjacent to the till fragments has been gridded and detailed sampling conducted.

Much of this material has been presented in previous Assessment Reports by the author, but this version incorporates the latest information available.

Surficial geology

The claims are situated on the junction of a tributary from the south east (informally called “Jackpot Creek”) with the main U-shaped Schoen Creek valley. The eastern ridge of the main creek is largely mountainous outcrop as is the western ridge. The valleys are filled with down-slope thickening glacial deposits and post glacial stream and talus deposits. The mapped road outcrops are technically subcrops; only a few knobs of bedrock crop out on the lower slopes; only at the upper steeper slopes are cliff forming outcrops present. Very large blocks of material from the upper slopes have cascaded down the hill. In virgin forest such blocks are difficult to distinguish from actual outcrop. The depth of till generally increases downhill, as does colluvium. The bottoms of the valleys are occupied by creeks cutting through their own, earlier fluvial sediments.

According to Howes (1981, 1983) there are two glacial periods and interglaclals recorded on northern Vancouver Island. The earliest recorded glacial episode occurred some 50,000 years ago, and has left only sporadic evidence of its presence, but it was probably as extensive as the Fraser Glaciation. Only limited dated interglacials have been preserved (ibid). The later Fraser Glaciation was widespread and consisted of three stages. An early stage (prior to 25,000 years before present) includes glaciers forming in valleys draining the Vancouver Island Ranges. At maximum (some 16,000 years ago, the ice from the coast mountains, on the mainland, spread over the the early valley glaciers of Vancouver Island and spread southwest ward.. At deglaciation, starting at 12,000 years ago, the valley glaciers re-established themselves to fade away by 9000 years before the present. Later streams reworked the tills and outwash materials in the valley bottoms.

The Schoen Creek valley topography shows a U shaped cross section. In contrast to the deeply incised, steep walled canyon of Jackpot Creek. In the general area, glacial striae on subcrops indicate that the valley glacier in the Schoen Creek drainage scraped debris from south to north, toward Schoen Lake. Howes (1981) reports that on the nearby Mount Victoria, at an of 1550 m elevation, glacial striae linked with the Fraser maximum, flowed from NE to SW.

It is concluded that the basal till observed at Flan is associated with valley glaciers. The basal tills are probably associated with the early valley glaciers and not with the later, short-lived Fraser Glaciation Maximum ice cover. The later, upper portions of the till cover may reflect some interaction with debris from the Fraser maximum glaciation.

The Flan showing is on the western side of the Schoen Creek, on the northern edge of a small subsidiary creek (“Jackpot Creek, according to local logging lore”). Glacial debris was likely carried by this smaller creek and would join with the debris of the main down valley ice flow somewhat to the west of the current surface. Striae were noted on the southern most subcrops near the Flan showing, where the surficial debris had been washed away, after the road had been pushed through. These striae indicated ice movement was parallel with the valley wall and to the north, down valley to the lake. Presumably these striae mark early, pre-maximum glaciation and indicate that up-ice for glacial basal till boulders would be at the headwaters of Schoen creek and its tributaries (cf Hicock, 1986). Hence the basal till at the showing is likely associated with the tributary glacier descending “Jackpot Creek”. This is relevant, because the direction of ice flow is important tracing the mineralized boulders back to source (Proudfoot et al, 1995).

The high grade samples are located in the interface between bedrock and basal till. The samples are loose and are part of the basal till package. “...most studies on gold dispersal trains show that distances of transport of detectable materials are rather short. ...” (p. 45, Plouffe, 1995) and Proudfoot et al, (1995) indicates that till fragments rise in the glacier as the distance from the source increases. Fragments which are at the base of the till are very close to the source (ibid, p.25).

The road cuts are unstable, and between the summer of 2008 and 2009, several ten or so metres wide slides brought down trees, soil and till over previously exposed till and bedrock sections. Erosion has exposed new sulphide rich fragments the surface. These fragments quickly disappear since they are quickly oxidized to porous and loosely consolidated rusty masses and fine talus.

The new results presented here address a previous incorrect perception: to whit, that the Hornblende- Biotite Granodiorite did not crop out in the Schoen Creek watershed. It does, as will be outlined below, and this finding obviates the need for a glacial delivery of such fragments over tall heights of land. One sheet of till associated with the north flowing valley glacier will suffice, and interpretation of till results are thus simplified.

Regional Geology

The regional geology was mapped by Muller et al 1974, (Fig 4) prior to the construction of current logging roads, and as such, suffers from not having access to the sub crops now exposed. Observations gained while prospecting in the region after the roads were available, indicate that a small 2 mica granite stock occurs along Schoen Creek. This season this small stock has been better mapped and a rough idea of the east, north and western contacts located. In the south, complex faulting has offset the stock and its boundaries are known to go into the upper (southern) parts of the drainage basin.

The contact of this stock are seen to be intrusive and faulted, but its general elongate shape can be deduced from distribution of talus and subcrops in the region. This type of granite is typically a result of crustal melting in a thickened continental crust which has been affected by crustal shearing (Barbarin, 1996). The detailed placement of faults in the claim area is still uncertain, but the general presence of profound steep northerly fault zone/complex is without doubt (Massey (2005), Mueller (1974).

Regional geology of the immediate area is simple. Late Paleozoic limestone is exposed in low lying areas east of the claims. They are overlain by the informally named Daonella beds, a middle Triassic unit of black shale and siliceous tuffaceous cherts which in turn is overlain by the Karmutsen basalts, a thick pile of pillowed and massive sub-aqueous to subaerial lavas. Intrusive rocks include early late Triassic diabase sills (emplaced mainly in the Daonella beds), and later, large Jurassic granodiorite plutons.

Regional faulting, affected area. The apparent sense of movement on the mostly steeply east dipping north south faults is west side up, but associated slickensides indicate largely horizontal displacement. It would appear that regionally, Jurassic plutons post date some of the NS faulting; on the other hand the two mica granite is faulted both in NS and EW directions. Other steep, later?, east west faults associated with abundant alteration and a possible dextral sense of displacement are locally important. Local, later, tertiary dykes that cross the east west faults, and stocks are noted within this same general region (near Mt Cain).

The geology in Schoen creek drainage area is incompletely known, and the deep till cover at the base of the U shaped creek valley precludes a detailed map of even this small claim group. Nevertheless, a cross-section from east to west, across the Schoen Creek valley, in the vicinity of Mt Adam, would include these features from east to west:

Mt Adam underlain by a section with shallow west dipping Karmutsen basalts resting on sediment sill unit which in turn rests upon Buttle Lake limestone
western flanks of Mt Adam cut by a complex fault zone (steep and northerly trending as shown on Muller's map.(west side up)), A Hb -bi- Granodiorite stock is emplaced in this complex region
Karmutsen basalts overlie Middle Triassic black shales and cherts/diabase sills faulted against the eastern Karmutsen basalts
Thicker (200 m+) diabase sills in tuffaceous cherts (c.f. FLAN Showing)
Schoen Creek valley, possibly underlain by 2 Mica Granite, and/or black chert
Across the Schoen Creek, and up the hill,
Unnamed 2 mica granitic Stock emplaced in black shale/diabase, in north and east, Karmutsen basalt in west
Karmutsen feldspar phyric basalt flows with shallow west? dip, near top of hill
Nimpkish Pluton intruding the western edge of the claims west of the ridge

Age	#	Unit	Lithology	Relationship with unit below	Comments
Holocene (post glacial)		Alluvium	Country rock of high hills and ridges	unconformity	Thickness increases to valley bottom
Holocene several? Glacial episodes		Moraine, basal till	Comminuted country rock, up ice, larger boulders	unconformity	Thickness increases to valley bottom,
Late Tertiary				UNCONFORMITY	
Early Mesozoic or Tertiary	7		local alteration of 2 mica granite	Faulting, mainly strike slip? Also minor cross faults ,	(copper-gold mineralization event?)
early Mesozoic or Tertiary	6	Unnamed granite in Schoen Creek	2 mica Granite,	intrudes shales, diabase, and Karmutsen	Relative date not known with respect to Hb-Bi granodiorite Carries minor molybdenite in quartz veins
Early Mid Mesozoic	5	Island Intrusions (Mgd)	Magnetite bearing granodiorites	Intrudes all previous Units Relation to two mica granite currently unknown	Local metamorphic halos (copper-gold mineralization event?)
Mesozoic	4			Normal faulting, west side down? affects all older units	(copper-gold mineralization event?)
Triassic (Karnian?)	3b	Karmutsen sub-Group TrKb	Basalts with feldspar phenocrysts	Upper contact not seen in this area; lower contact, disconformable?	Thick section
Triassic (Karnian?)	3a	Unnamed diabase TrGb	diabase	Sills, intrusive into shales	Widespread and thin
Mid Triassic	2	"Daonella" Beds TrDb	Black shale and siliceous tuff and chert	Upper contact with Karmutsen, disconformable;	Recessive unit, possible source of sulphides in area
Latest Paleozoic				UNCONFORMITY	
Late Paleozoic	1	Buttle Lake Formation	Bioclastic Limestone and local limey siltstone	Contact not seen, unconformable?.	

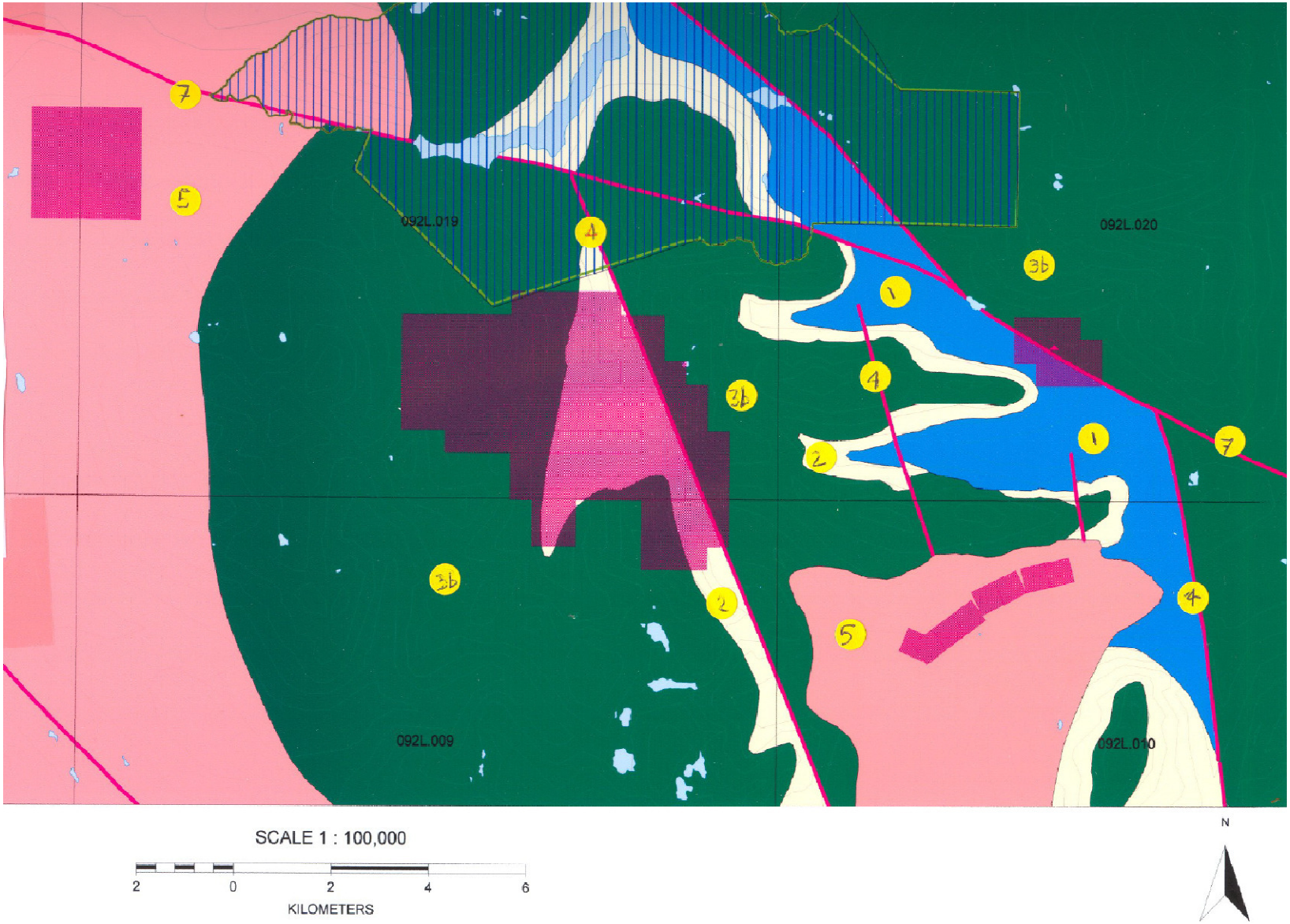
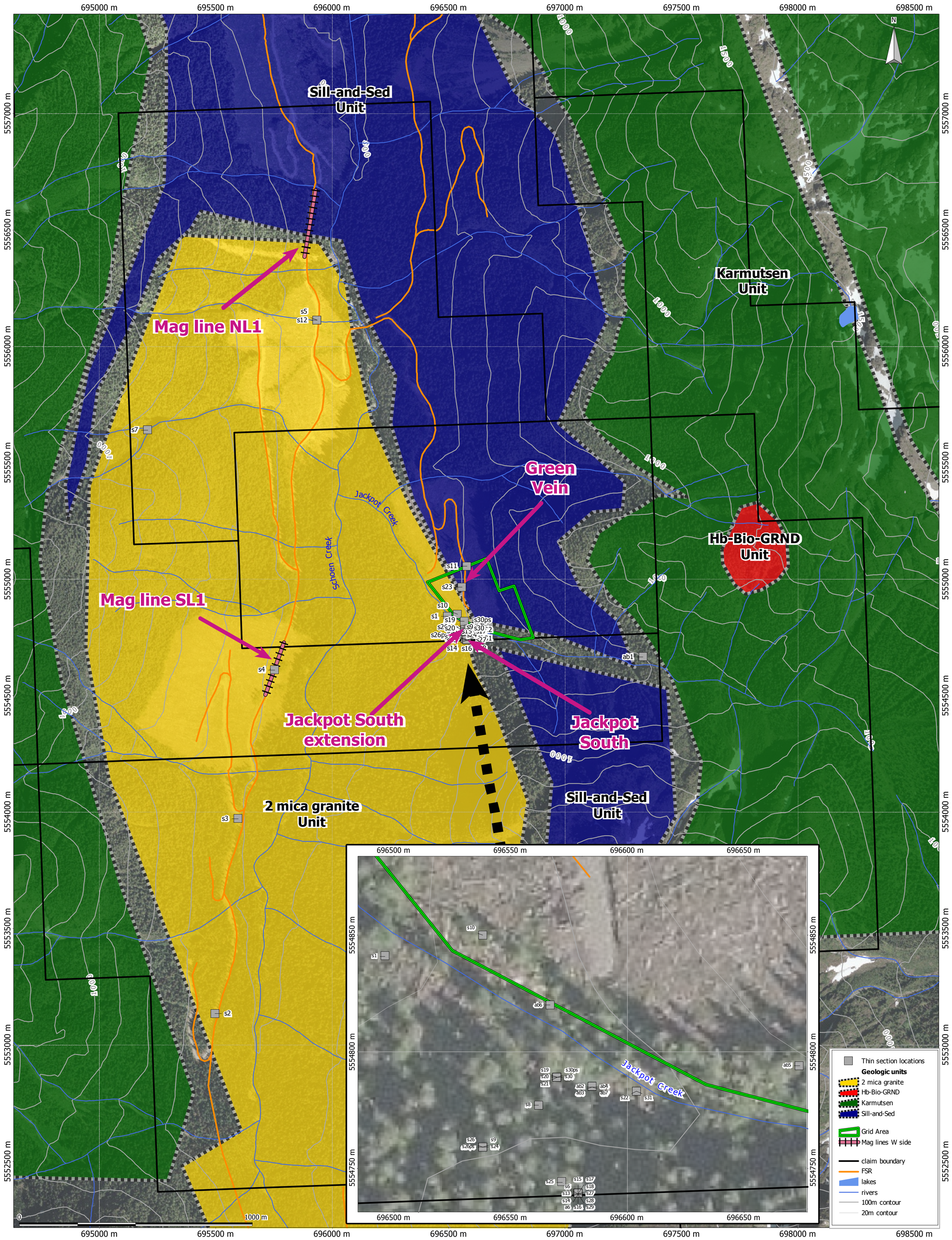


Figure 3: Regional Geology (from MapPlace)



Projection/Datum: UTM 9(N) NAD83
scale: 1:10000

0 1000 m

THE FLAN PROJECT

September 2010

Figure 4:
Property Geology on East Part of the Flan Claims

Property geology

Figure 4 shows the preliminary geology for the eastern tenures of the Flan-consolidated claims.

As shown on the preliminary map the geology of the claim group is relatively simple:

New logging roads high up on the eastern side of Schoen Creek expose faulted black shale in subcrop, these are the so called Daonella beds Complex The beds locally dip to the east, and are locally foliated and cut by fault surfaces with slickensides. It appears that a small anticline has developed in the fault zone region, perhaps in response to apparent west side up movement on a major east dipping fault zone. Along strike of this fault, to the south east, a Jurassic intrusion seals the fault trace, but locally rocks show structures indicative of long lived faulting.

Cliffs and outcrops on the east side of main creek are mainly formed formed in fine-grained diabase of the sills, the cliffs at higher elevation are Karmutsen basalt

Lower in the valley, the sub crops exposed on the logging roads to the east of the creek are of diabase, cut by major steeply dipping NS and minor EW faults and veins. Large truck sized talus pieces of Karmutsen pillow basalt are locally abundant. Presumably these fragments are derived from the upper basalt . The subcrops exposed by logging, show that local NS faulting cut by later cross faults and veins are widely distributed.

The area from the road to the creek covered by till overlain by soil and talus. Scarce outcrops suggest much of the creek is underlain by two mica granite. A few chips of black slate in the till, and chip fragments in the creek, raise the possibility that these slates may locally underlie part of the valley.

Fragments of pyrite bearing sericite altered feldspar porphyry have been recovered from Jackpot Creek, suggesting the possibility of thin dykes upstream and near the major fault zone (which has been intruded several km to the south by a large Island Intrusion). The edge of one such body, a fresh hornblende-biotite granodiorite stock has been located high in the hills above Flan.

Crossing the Schoen Creek and coming up the western slope, subcrops and abundant talus are of 2 mica granite, widely chloritic, locally phyllic/argillic, veined and faulted. In the northern part of the claims patches of metasediment and metadiabase crop out Widespread talus of chert is noted here as well. The contact between Hb-Hornfels/metadiabase and granite is also marked by an east west fault in which metasediments are caught up as fragments. The possibility that the elongate 2 mica granite stock predates the early fault has not been ruled out, but is currently considered to be of a later age since it is in part emplaced in the fault zone. Probably the granite has been intruded into the fault, and further activity on the faults have affected the pluton.

High on the western slope, outcrops of Karmutsen basalts provide talus fragments to lower slopes. There is thus a contact near western edge of claims between metasediments and Karmutsen, as shown by Muller (op cit).

The lower western slopes Schoen Creek are underlain by 2 mica granite. The fresh granite is a medium grained muscovite biotite granite with about equal amounts of intergrown quartz and microcline /orthoclase and minor amounts of normally zoned oligoclase to albite laths. The biotite and mica appear in small clots together, surrounding small accessory monazite and/or zircon and less abundantly, pyrite. The biotite is partially converted to chlorite, the plagioclase cores are altered to very fine clay/white mica. Local, very thin chlorite veins traverse the rock. In some instances thin carbonate veins cut the

chlorite veins. Modal proportions of minerals indicate that it is peraluminous as would be expected from the micaceous nature. Portions of the stock are deformed by small faults sub-parallel to northerly trending steeply dipping regional ones, and these zones, and small subsidiary sets at right angels have been silicified, chloritized and locally epidotized. Ductile faulting, with the foliation merging into the high strain zone are noted in several locations. A later period of cataclastic faulting has also taken place, generating crush zones. The earlier ductile zones carry pyrite, whereas the later crush zones generate fault surfaces on which the sulphides are smeared. The surrounding granite has been argillically altered to various degrees. Pyrite, and minor amounts of other sulphides are locally present. Veining. is parallel and also normal to foliation; it is marked by chlorite, locally epidote, or quartz with or without small amounts of ankeritic carbonate. The veins are locally mineralized with pyrite and very minor amounts of other sulphides. Adjacent to the veins are argillically altered zones, in which feldspars, mainly plagioclase is reduced to clay or white mica. These zones are barren. Some veins are a bluish colour and are composed of very fine grained quartz with very fine grained pyrite disseminated throughout. These veins are seen to have elevated lead concentrations. Chlorite veins cut the ductilely deformed quartz veins, and are cut by carbonate carrying veins, and both are cut by the crush zones. The paragenesis and geographically distribution of alteration has not been fully explained yet. A few veins, rich in iron and manganese, contain many pathfinder elements and in their current state, I.e. a very dark plastic chlorite rich muck, are presumably near surface weathering of carbonate/ankerite/rhodochrosite/ chlorite. In the southern part, along an east west fault surfaces developed in the granite show several mm thick veins of rhodonite.

This type of granite is generally thought to have formed in crustally sheared thickened continental crust. The meridional (northerly trending) faults seen at surface are part of a long-lived and deeply penetrating fault system sub-parallel with trend of the orogen.

This season has added some new facts (see Figure 4). The distribution of major units is still sketchy, because only a few of the many traverses required to make a detailed map have been completed. Nevertheless this sketch map is very different from the map currently displayed in MAPPLACE. An important new result in bedrock mapping is the ever increasing size of the Schoen Creek two mica granite. The northern border has been located in the northern part of Schoen creek, but the southern border is not yet located. A small fault has offset its contact a bit. The western border has been located in two creek beds; it is an epidotized fracture zone. To the southwest an intrusive breccia has been noted; angular, tomato sized fragments of amphibolite are caught up in the granite near its contact. The eastern border of the granite is across the Schoen Creek valley and has been located near the Flan showing, exposed on both the sides of Jackpot Creek. It is a complex contact. (see Figure 5). North trending faulting with local breccias occur south of the creek, whereas north of the creek, dykes of two mica granite cut Sediment-sill unit, and both units are terminated by northerly trending faults. The deeply incised Jackpot Creek follows a steep? SW trending fault. Apparent offsets are small, maybe as much as a few deca-meters. To the south-east, high on the cliffs, the eastern contact of the granite is north trending, and locally planar, in contact with hosting amphibolite/diabase.

Another important result is the locating of a body of hornblende-biotite-granodiorite which may be linked to a larger pluton to the southeast. A small hornblende-biotite granodiorite stock has been newly located to the east high above the Flan locality. Only a point on the western side of the contact has been located; it is in a zone of complex intertwined or lacy veins and unknown displacement in altered basic rock. It is likely an offshoot of a larger locally mineralized Jurassic Island pluton that occurs to the south, out of the claim area. As noted in geochemistry section, a copper stream sediment anomaly in the stream sediments, shows a cut off near this contact.

The map distribution of Karmutsen Basalt and diabase sills of the underlying Sediment and Sill unit is also modified somewhat. Basalts are now known to occur west of the fault zone and to overlie (conformably?) the Sediment sill unit north of Jackpot Creek.

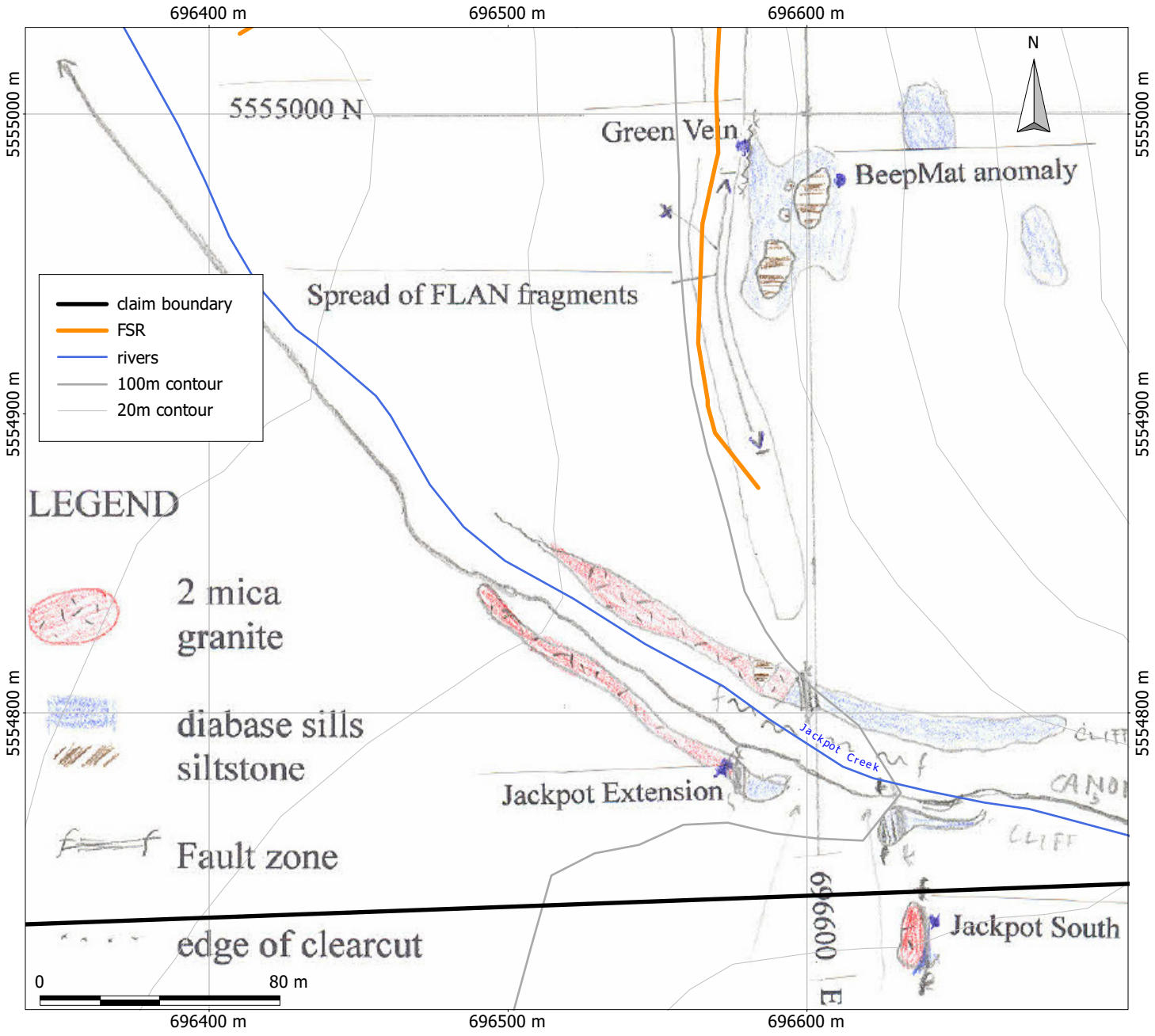


Figure 5:

Projection/Datum: UTM 9(N) NAD83 scale: 1:2000 0 80 m	**THE FLAN PROJECT** **October 2010**	**Detail geological map near FLAN site**

In a previous report it was concluded that, based on a lineament study on a newly acquired ortho-photo, that a major linear fault does not exists, as indicated on government maps, instead many intersecting lineaments probably make up this postulated displacement zone. The faults and veins in these faults are probably the focus of this program, and the task to map them has been complicated. Faulting near FLAN locality is north trending, west dipping, with transverse displacement along shallow north plunging striations/slickenlines. Veins are known to occur within this zone (cf Green Veins). Copper veins to the north also occur in north trending steep faults with shallow slicken lines. The fault brecciated contact at Jackpot South is also in an anastomosing north trending fault zone. At the outcrops at FLAN, small cross faults and joints, some with mineralized quartz veins, others barren carbonate veins, show small offsets (less than a metre). The fault in Jackpot Creek (Jackpot Extension) trends SW. Within the 2 mica granite there are similar fault directions. In the south, a contact between granite and Sediment and Sill unit is an east-west fault with unknown amount of displacement, but measuring at least several decametres.

Mineralized till fragments are themselves fault breccias with fragments of diabase set in a mineralized matrix so their source need not be far away, given all the surrounding diabase and faulting.

Much more mapping is needed in this area.

Mineralization

The mineralization is of several types:

At Flan showing, east of the Schoen creek:

I/ Early, green, poly-metallic, epidote-chlorite-sulphide veins with irregular pods of quartz, and tens of cm wide, replace a fault zone cutting a diabase sill. Sphalerite, chalcopyrite and pyrite are common sulphides, but analyses suggest molybdenite and galena are present in small measure as well. Gold is variably anomalous.

II/ A later, thin, white weathering, apparently cross cutting, quartz-sulphide (pyrite and chalcopyrite) vein assemblage with local Au concentration developed in diabase. Seems to carry best gold values near the earlier veins. Adjacent basal till fragments of pyrrhotite, chalcopyrite, pyrite, quartz and chlorite veins apparently cutting diabase carry interesting amounts of electrum.

At Jackpot South the contact is a north trending fault zone and mineralized tectonic breccia. The fault zone is marked by a north trending meter thick, black and pyritic phyllonite. The adjacent granite is splintered into a several meter wide, poorly sorted, with up to 10 cm sized, angular fragments of granite set in a mineralized matrix of chlorite-quartz-pyrite-chalcopyrite-sphalerite (+/- galena). Near the contact, local patches of disseminated chalcopyrite are also noted in the granite.

On the north side of Jackpot Creek, where the contact is also exposed, thin granite dykes are seen to cut the hosting siltstone and diabase, and these are in turn terminated by north trending faults. Complicating the picture is the presence of a fault zone following the south west trending part of Jackpot Creek; this fault zone is quartz veined and locally mineralized with chalcopyrite, and colloquially called Jackpot Extension.

These mineralized zones are new finds, and are “distal” types, and are not the source of the “proximal” auriferous pyrrhotite-chalcopyrite fragments that are the target in this exploration program.

Elsewhere, east of Schoen creek, and north of FLAN scarce outcrops of black shales and sills are pyritic and pyrrhotitic and locally carry copper minerals, including chalcopyrite and sparse malachite

West of the Schoen creek

A polymetallic vein with pyrite, chalcopyrite, sphalerite, and galena and anomalous gold cuts Karmutsen country rock near the northern and western contact of 2 mica granite and Karmutsen Basalts (AR23546).

In the 2-mica granite the mineralization is of four types:

i/ molybdenite bearing quartz veins.
ii/ pyrite in altered granite with no elevated gold values.
iii/ pyrite, minor galena in quartz veining with minor elevated gold values (blue veins).
iv/ rusty manganiferrous alteration zones/ex-veins? rich in pathfinder elements.

Exploration Target

The exploration is at early stages and fixing on a single mineral deposit model is probably premature. There are a number of possibilities; but one mineral deposit model seems to fit the limited amount of information currently available. This model is category I02; INTRUSION RELATED Au PYRRHOTITE VEINS (Aldrick, 1996), selected from the BCMineral Deposit Suite.

A capsule Description is given below:

...Parallel tabular to cymoid veins of massive sulphide and/or bull quartz carbonate with native gold, electrum, chalcopyrite are emplaced in a set of en echelon fractures around the periphery of a subvolcanic pluton... (Aldrick, 1996). Flan may fulfill many of the requirements of this model type, but more data is needed .

Two BC examples of this model are the Snip Mine (a recent major gold producer), and Rossland Veins, (historically, one of BC's large gold camps). Typical grades are 10-20 g/t Au(Aldrick, 1996).

Detailed sampling results

Previous results, setting the stage

Previous results from the FLAN group are relevant here, inasmuch as they show the varied nature of the mineralization on the property,.

The Flan Showing; Polymetallic veins in country rock and diabase.(east of Schoen Creek)

As has been mentioned before, the Flan showing is in polymetallic veins in sheared diabase. The highest gold assays encountered came from basal till fragments presumably derived from nearby pyrrhotite-chalcopyrite bearing quartz chlorite vein cutting diabase.

In place green polymetallic veins in N-S fault zone in diabase sill (these values are, in part, updated from AR26793

gold	up to 407 ppb
palladium:	up to 9 ppb
silver:	up to 9.6 ppm
nickel	up to 34 ppm
cobalt:	up to 187 ppm
copper	up to 4115 ppm
molybdenum	up to 324 ppm
zinc:	up to 5566 ppm
bismuth	up to 1.6 ppm

In place Sulphide veins (now largely limonite) in diabase:(on knob)*

gold:	up to 110 ppb
palladium:	up to 35 ppb
silver	up to 2.4 ppm
nickel	up to 104 ppm
cobalt	up to 73 ppm
copper	up to 1047 ppm
molybdenum	up to 3 ppm
zinc	up to 581 ppm
bismuth	up to 6 ppm

In place 10 cm wide quartz vein with chlorite and sulphides found at intersection of faults

gold:	up to 134 ppb
palladium:	up to 16 ppb
silver	up to 7.7 ppm
nickel	up to 25 ppm
cobalt	up to 115 ppm
copper	up to 3507 ppm
molybdenum	up to 113 ppm
zinc	up to 5489 ppm
bismuth	up to 4 ppm

:(loose, but probably in place, White quartz veins in pyritic diabase just above, above samples

gold:	up to **61.04** gm/mt (ICP-ES 152 ppm !)
palladium:	up to 16 ppb
silver:	up to 25.7 gm/mt
nickel:	up to 25 ppm
cobalt	up to 58 ppm
copper:	up to 5536 ppm
molybdenum:	up to 7.7 ppm
zinc:	up to 356 ppm
bismuth	up to 37.6 ppm

Basal till sulphide (po-cpy) samples (from AR 29360)

gold:	up to **135.09** gm/mt
palladium:	up to 22 ppb
silver:	up to **71.4** gm/mt
nickel:	up to 86 ppm'
cobalt	up tp 360 ppm
copper:	up to **4.534%**
molybdenum:	up to 29.3 ppm
zinc:	up to 1750 ppm
bismuth	up to 60 ppm

New Results,

In the following paragraphs Figure 6 and Figure 7 are overview maps which show selected data which is discussed in the text. The required tables and maps with locations and numerical data (Figures 8 -15) are presented in Appendices A to D.

Interpretations and conclusions

Results from Geology

Two possible locations of the source of the auriferous boulders in the till have been located. The exploration model noted previously, requires a nearby pluton and two plutons are available in map area as a heat and metal source:

1-The two mica granite is in immediate neighbourhood of the fragments, and is mineralized, but not with required gold tenor

2- Hornblende biotite granodiorite is up the hill to the east, and if associated with a larger pluton to the south east, could have brought additional mineral resources to the area.

Results from petrography

A total of 40 thin sections were prepared by Van Petrographics and are described in Appendix B. Their locations are marked on the geology map (Figure 4). Representative specimens were selected to characterize rock.

Of particular interest is the mineralogical distinction between the two new plutons in claim area. Two mica granite appears to be the larger body and occupies the low part of Schoen Creek. The hornblende biotite granodiorite (still largely unmapped) occurs high above the valley to the east of the creek.

Thin sections of several samples from Jackpot South (in the mistaken belief that the mineralization was auriferous), were submitted to have thin sections and polished thin sections to check for visible gold. Although chalcopyrite occurs in blebs and veins, no gold particles were encountered. The rock at the showing are explosion breccias, largely made of country rock, mainly two mica granite, with a black matrix filling the spaces between fragments, The matrix mineralogy is simple, consisting of chlorite, clay, quartz and minor epidote with variable amounts of sulphides. The sulphides include pyrite, chalcopyrite, sphalerite and local grains of galena. Polished thin section also show very fine grained blebs of uncertain material which may account for local concentrations of silver and bismuth. A electron microprobe survey would more accurately define these small particles.

Sericite alteration and local ductile shearing preceded later influx of chlorite and later yet, chlorite epidote alteration. It appears that the mineralization is mainly associated with the chlorite phase, the so called lower temperature “propylite” alteration. Sulphide blebs locally occur with chlorite in breccia matrix as well as in later veinlets. Some sulphide grains show ex-solution textures, other are optically uniform throughout indicating a complex history of the sulphide grains. The implication is that the sphalerite chalcopyrite galena mineralization may *post date* the higher grade mineralization of the till fragments, rather than being at a great distance from them as implied in the use of “distal” and “proximal”.

Several samples were also submitted from Jackpot Extension to check for gold. Although large

several cm sized blebs of chalcopyrite were sectioned no gold was located. The country rock at the extension is two mica granite, and the mineralization seems associated with shearing and cm thick quartz veins. The sulphides are mainly chalcopyrite and pyrite locally sheared and the matrix is locally sphalerite as well as quartz and chlorite. Some of the pyrite and chalcopyrite have crystal faces well expressed into quartz-chlorite vein fills, and some locations sulphides sheared, and vein fill with a new crystalline generation of the same sulphide. Again, sulphides show a complex history. A variety of veins/veinlets were sampled from the polymetallic “green vein” locality, but no gold was seen here either.

East west striking vertical veins from the area in which molybdenite flakes have previously been noted in rock are protomylonitic with local recrystallization of chlorite patches and local very fine grained slip planes.

White vein material widespread on joint surfaces of shattered diabase was tested by SWIR technology and turned out to be a zeolite.(Appendix B-2). This finding is consistent with the previously low grade of regional metamorphism in this area

REGIONAL Results from GEOCHEMISTRY

The most important result is the locating of a geochemical copper and gold cut off in stream sediments in the headwaters of Jackpot creek, near the contact of the newly located Hb-bio Granodiorite (Figures 6, 8-15). Other geochemical anomalies await explanation but rank well below this high priority target.

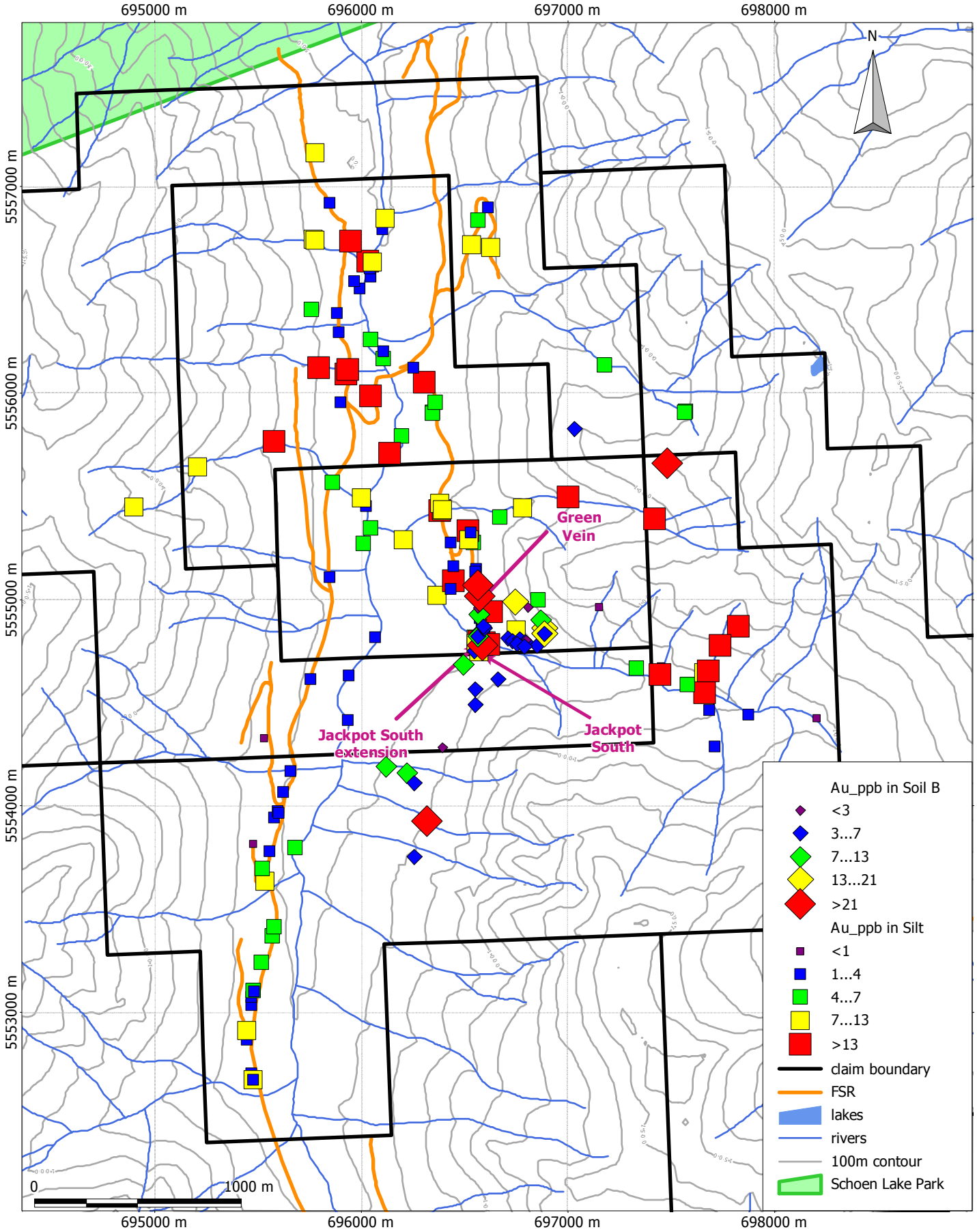
Regional samples of rock, rock fragments (float), till matrix, soil and stream sediments were analyzed by AcmeLabs ICP-MS analytical procedures on aqua regia soluble extracts of the soil. Location of samples as well as numerical values of Cu and Au in several media are shown in figures 8-15 in appendix A. Appendix D shows the original assay sheets as provided by ACMElabs.

Rock samples from the new showings indicate that there is a very large local variation in metal tenor, in part, but not wholly explained by the amount of breccia fill. At Jackpot South, 4 chip samples 1 m. long taken within 2 meters of each other showed the quite variable distribution noted below:. Also shown is the variability in selected samples from the same area. Several samples from within a few square meter were assayed and several very similar samples had thin sections polished thin sections and polished sections. Details of the assays are found in Appendix A and D but as a summary the following ranges were determined in the selected elements from 5 shown below:

Chip samples (AF0931, 32 and BF0941 and 42) range from:
Cu 735 – 5056 ppm Ag 1.7-10.2ppm Au 4.3 – 32.5 ppb Zn 693 -5572 ppm

Assay values (JPS 03, 05, 06, 08, 09,) range from
Cu 3548 ppm-1.4% Ag 32.6-96 ppm Au 89-233 ppb Zn 1950ppm - 2.57% ppm

The petrographic material comes from the same area, but given the local variability in the amount in the brecciation it was hard to match samples with assays A small indication of the variability is shown by the variation in the physical parameters such as specific gravity (which varies from 2.67 to 2.79)



Projection/Datum: UTM 9(N) NAD83 scale: 1:25000 0 1000 m	**THE FLAN PROJECT** **October 2010**	**Figure 6:** **Overview Showing Distribution of Gold in Surficial Materials**

Soil Profile Study

A soil profile study was conducted on samples collected within the grid area and analyzed by AcmeLabs ICP-MS analytical procedures on aqua regia soluble extracts of the soil. Data is presented below. Location maps are in Appendix C, in Figure 16. Four soil profiles were obtained to better understand soil geochemistry in the vicinity of the auriferous cupriferous pyrrhotite, marcasite, chalcopyrite, quartz, chlorite basal till fragments that constitute the Flan locality. Profile 1 is taken up ice and level with Flan, profile 2 was taken immediately down ice and level with the Flan fragments, profile 3 was taken about 500 m down ice and somewhat lower in elevation than Flan, and profile 4 was 30 m below Flan and some 200 m. distant.

Outcrops in the vicinity of the first three profiles suggest subjacent bedrock is composed of thick diabase sills and minor intercalated, and hosting, well bedded silicified tuff or silt stone. Outcrops of two mica granite in the nearby Jackpot Creek is up ice and level with profile 4. Soil has formed from vegetative action on till, with up ice debris, and colluvium, from the steep valley sides above, and were subjected to soil formation processes common in a rainy temperate environment

The thickness of soil varies considerably, the soil for the upper three profiles varies from 180 cm up ice of Flan, to 320 cm near Flan and to 140 cm down ice; these thickness are considerably thicker than the 50 cm at the profile some 30 m. below. Perhaps soil making conditions were more favourable on the hill side than in the valley bottom.

PROFILE 1

Horizon	Depth cm	Colour	Ca-sol %	Cu ppm	Fe/Mn	Fe/Al	Se ppm	Au, ppb
A	8	Tan orange	0.21	131	324	2.24	0.9	3.6
Upper B	50	orange	0.12	129	386	1.16	2.1	6.7
Middle B	100	Yellow ochre	0.11	105	324	1.94	1.0	6.2
Lower B	160	Rusty orange	0.14	118	365	0.44	2.9	4.2
Upper Till	180	Bluey grey	0.77	184	84	0.82	0.9	1.7

.

PROFILE 2

Horizon	Depth cm	Colour	Ca-sol%	Cu ppm	Fe/Mn	Fe/Al	Se ppm	Au, ppb
At base of A	2-4	Light tan	0.52	100	638	1.98	0.9	4.4
B just below A	4-10	Yellowy tan	0.11	91	646	1.876	0.7	5.8
Middle B	200	Chili red	0.12	98	380	0.845	1.8	3.7
Lower B	260	Mustard yellow	0.16	128	449	0.76	2.0	9.4
Upper Till	320	Blue grey	0.78	395	114	1.54	0.8	11.0

PROFILE 3

Horizon	Depth cm	Colour	Ca-sol%	Cu ppm	Fe/Mn	Fe/Al	Se ppm	Au, ppb
Base of A	3	yellow grey	0.20	110	268	0.96	1.3	3.1
B near A	15	Yellow grey	0.17	111	285	0.85	1.8	3.7
Middle B	64	Light tan	0.21	140	293	0.88	2.6	5.3
Lower B	110	Grey tan	0.30	182	38.5	0.49	2.3	15.8
Upper Till	140	Bluey grey	0.53	166	64.5	0.75	0.8	3.5

.

PROFILE 4

Horizon	Depth cm	Colour	Ca-sol %	Cu ppm	Fe/Mn	Fe/Al	Se ppm	Au, ppb
Base of A	10	Golden brown	0.12	60	574	0.40	1.6	3.9
B just below A	15	Yellowy brown	0.13	74	424	0.31	1.1	4.1
Middle B	25	Mustard brown	0.17	88	229	0.24	1.4	18.4
Lower B	40	Chili red	0.18	175	170	0.20	2.3	12.3
Upper Till	50	blue-grey/brown	0.28	178	54	0.17	0.8	10.8

.

Some comments on data:

Calcium (soluble in aqua regia) shows Ca depletion in soils compared to till. Carbonate particles or feldspars have likely been dissolved by acid solutions (from oxidizing sulphide fragments) and been removed in solution. Alternately, but unlikely, there was no calcium in the soil which may have arrived from or formed from the hills above.

Copper concentration of the soil is less than that in the underlying till. Removal of copper from soil can be achieved in acid environments. It suggests that somewhere in this area, there may be secondary enhancement of copper, near a reducing more basic host. Alternately there was no copper in the soil which may have arrived from or formed from the hills above. A float fragment of mineralized material with primary chalcopyrite, pyrite and minor pyrrhotite and trace sphalerite, contains more copper (9.5%) than sulphur (9.34%) and this Cu/S ratio is much larger than the primary mineralogy would suggest. Microscopic study suggests that a pervasive anastomosing set of veinlets cutting the matrix is filled with secondary sooty chalcocite, limonite and very minor malachite. Perhaps this type of local, secondary enrichment may account for the “missing” copper.

Fe/Mn ratio is greater in the soil than in the underlying till. Because ferrous ions are more readily oxidized than manganous ions under any naturally occurring Eh, pH conditions, inorganic processes process always lead to precipitation of oxidized iron before manganese from a solution carrying both metals. The separation of the two elements noted above shows that both metals were in solution (in reduced form) and were differentially deposited during soil formation.

Fe/Al ratio is greater near the top of soils than near the till interface. It is generally higher in soil than in the underlying till. This suggests that the enhancement of iron (soluble in aqua regia) was due in part to chemical processes that differentiate it from Aluminium (soluble in aqua regia) such as weathering of iron sulphides to form iron hydroxides as opposed to formation of clay particles. Clay may have migrated down the soil profile.

Selenium is taken as a proxy for S, since Se is usually present in sulphides from non-sedimentary sulphide mineral deposits. It oxidizes somewhat more slowly than sulphur. Hence some Se will remain behind, suggesting a prior presence of sulphur. None of the profile samples showed any sulphur above detection limits (0.05%). Se on the other hand varied from below detection limits (0.5ppm) to a high if 2.9 ppm. The estimate of S/Se in veins is about 10-20 thousand suggesting that if no Se had been oxidized the soil with the higher value would have contained a minimum of 3 to 6% sulphur (or 6 to 12% sulphides). The Se value would represent a minimum since in sufficiently acid conditions Se is also oxidized (to a selenate anion). Oxidation of postulated sulphide would have generated an acid environment. The soil contains more Se than the underlying till in these samples. This excess may be due to concentration by dissolution of prior sulphide constituents or to excess sulphide arriving from the hills above.

Gold is scattered with no particular pattern. The values are low but above detection limits. The small sample size analyzed by ICP-MS method have very large variability.

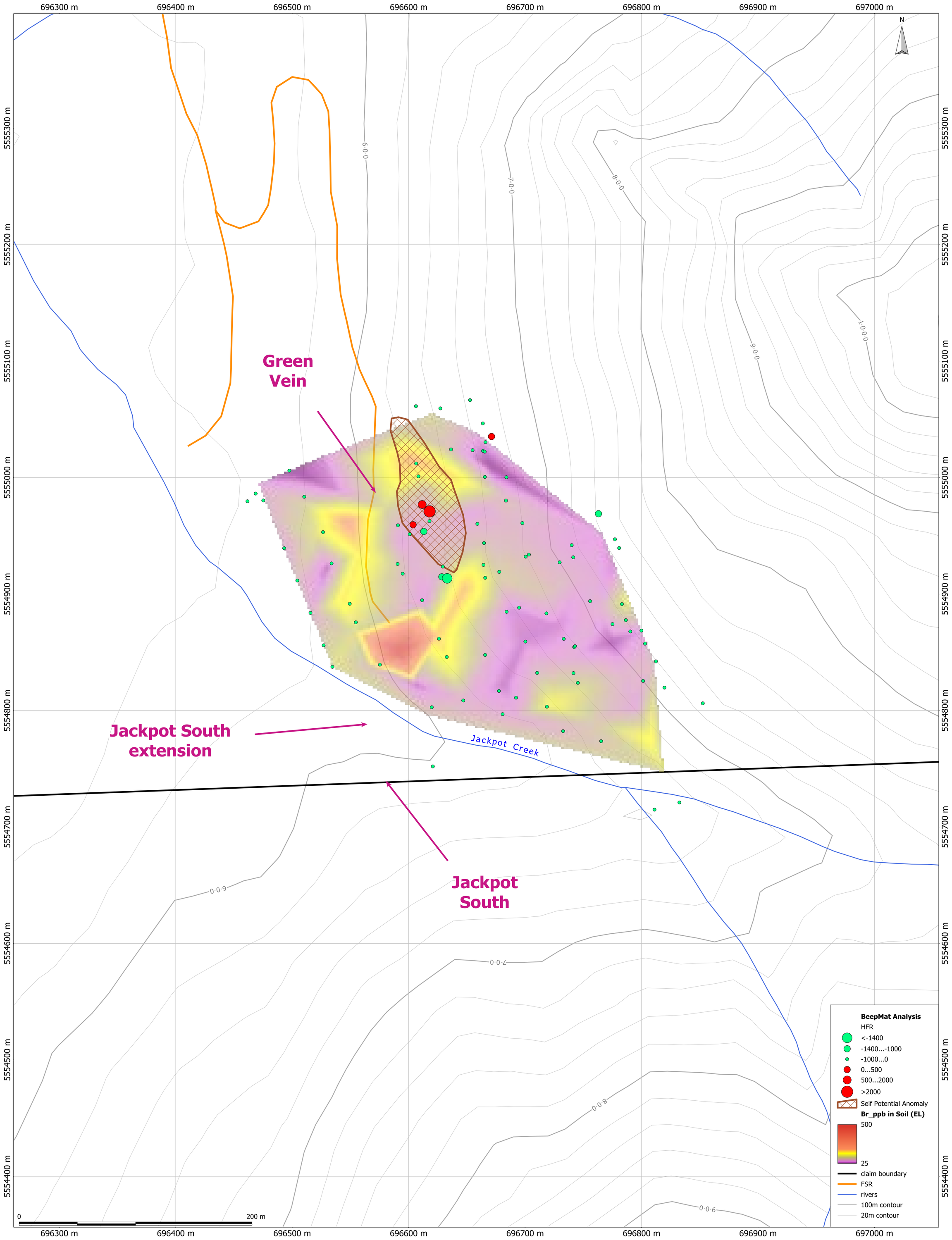
Upper Till vs basal till.

Till collected from the till soil interface is compared with till collected near the base (in a previous study) near mineralized fragments near profile 2. *from AR 29360, **From AR (newly submitted)

Horizon	Colour	Ca-sol%	Cu ppm	Fe/Mn	Fe/Al	Se ppm	Au, ppb
1.Upper till (this study)	Blue grey	0.78	395	114	1.54	0.8	11.0
2. Near basal till 33534 **	Blue grey	0.86	281	173	2.87	1.0	630.9
3. Near base till 331741*	Blue grey	1.06	354	65.6	0.87	0.9	245

.

A conclusion is that the hill side near Flan has been a site of intense soil formation, involving the oxidation of sulphides and the leaching from the soil of base metals and the enhancement of iron (hydroxy)oxides is permitted, but not proved, by the evidence presented above. The postulated sulphides may have possibly been derived in situ from till or derived from the hills above. The till is heterogeneous in composition, but differs notably from soil compositions.



Projection/Datum: UTM 9(N) NAD83
scale: 1:2000

0 200 m

THE FLAN PROJECT

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Figure 7:
Overview showing
a EEL Br halo, a selfpotential anomaly
& Beepmat hotspots

Grid area Study

Geochemistry on grid samples

Soil samples provide another type of geochemical information. Much soil is composed of organic material from nearby plants mixed with locally weathered top till and talus material from the slope above. Hence a soil sample is a difficult parameter to evaluate.

Oxidizing sulphide bodies create (bio) geochemical environment that facilitates movement of ions or elements to the surface and colloidal Manganese Oxy-hydroxides, which coat in situ grains, trap them on the way past. A proprietary Enhanced Enzyme Leach analyses (of ActLabs) supposedly sees through the overburden to an oxidizing mass beneath. The argument is that newly formed Mn oxyhydrides in the soil trap minute amounts of ions percolating upward and thus sidestep the question of the source of the main soil mass.

A small grid located in the vicinity of the till fragments soil sampled for Enhanced Enzyme Leach Extraction by ActLabs (EEL) (Figures 16 - 19). A subset of these soils were also analyzed by ACME labs using the standard aqua regia extraction (Figure 20).

Why: Test hypothesis that the source of the boulders is nearby

Where: Grid (locations in Appendix C), total of 71 sample sites

What: collect a sample of soil from the top portion of the B horizon, just below the A horizon.

Who: Alec Tebbutt, has collected many soil samples over the the last decade. Richard Till who has been a soil sampler on previous geochemical projects and Bruce Mitchell who also has collected soils. All have been instructed by Barakso (with Kennco in the sixties as a geochemist pioneering the method in BC.) and myself.

When: in mid July 2009 ground had some time to dry out from snow melt and spring rains

The basis for EEL method is that ions are transported upwards from an oxidizing rock mass.

There are several forms of transport of these ions:

Active ground waters carry ions downwards in gravity field
Ions are carried upwards by bubbles of CO2 generated at the oxidizing interface
Ions are carried along field lines of galvanic type cells
and any combination of the above mehanisms.

The processes produce map patterns that are decipherable:

The first process produces complex patterns
The second produces highs above the up streaming gas (apical anomalies)
The third produces halos around the oxidizing body (rabbit ears) and
the fourth may show combinations of above three patterns..

Each element produces its own form of response. Halides generally form halos (rabbit ears). Iodine and Bromine form a halo first, to be followed by a Chlorine halo in more mature soil profiles. A special suite of metals called oxidation suite (metals that form anionic complexes like Mo, V, As and the like), also prefer the halos. Base metals usually show up as apical anomalies. High Field Strength elements (Zr, Nb etc) appear above fault traces as do the entire Rare Earth Suite.

The EEL method recovers very small quantities. Between 1 and 0.1% of the total Mn, (the collector) is recovered, most other elements report 0.1% or less. Halides, on the other hand may report as much as 10%.

EEL Results:

Figure 7 is an overview map showing a Bromine Halo along with two geophysical results. More figures with locations and numeric data are presented in Appendix C. Appendix D contains the complete data set assay results.

The amount of data is very large and very difficult to display in a coherent manner. Hence a data exploration program which divides samples into statistically significant clusters has identified the following relationships.

Colour of soil is associated with elemental distribution: (Figure 16)
Soils termed orange or red have less V, Mo, Ti, Nb, and
Soils called brown or grey have elevated Mo, Ti, Nb, Ga

The weak galvanic halo locally indicated by Br suggests the possible the presence of a galvanic cell on the grid (Figure 7 and 17). Such a cell could be located in or above a fault zone. Niobium is said to mark faults as well (Figure 18)

Selenium and Copper estimated by both EEL (Figure 19) and aqua regia extraction (Figure 20) and are spatially related suggesting a common sulphide heritage and most interestingly, are also strongly associated with High Field Strength elements and Rare Earth suite. Using the above guide lines this suggests that the copper and selenium are associated with faults. Each of the anomalous occurrences could indicate a subjacent fault.

Results from Geophysics

Geophysical work was performed mainly on a grid (also utilized for collecting geochemical samples) near the Flan locality.

The methods include

Beepmat prospecting and survey.(Data is in Appendix C and figure 21 shows results)

Self-potential Survey (Data is in Appendix C and figure 7 shows a map view and figure 22 shows a profile along 060E on the grid.

A Magnetic and associated VLF survey. Raw data is in Appendix C and a corrected magnetic data set is in Appendix D, Figure 23 shows numerical results. (Figures 24, 25, 26 and 27 show selected profiles.

Evaluations:

A Beepmat Survey was conducted on the grid hoping to locate a conductor within a few metres of the surface. The initial hope was that a continuous digital trace would allow the locating of a vein system. The grid is located in a 9 year old clear cut, and keeping instruments in continuous contact with ground is not possible. The Beepmat *located one locality* that may carry 12% conductive material within a few metres of the surface. (Fig) It also located magnetic rocks within the positive magnetic anomaly. And it located some, now excavated, large boulders of (magnetic) Hb-bio granodiorite in the subsurface of the grid.
Off grid the device responded to mineralized fragments at FLAN, and to copper bearing faults previously located to the north. It did not respond to Jackpot South presumably because it contains sphalerite. It was unsuccessfully tried in many other locations.

In principle the Beepmat is a valuable tool for prospecting, but it was not particularly useful in this project. The operators of the device include David Javorsky, a Beepmat veteran and longtime prospector, myself with prior experience on the instrument in Quebec and Alec Tebbutt, an experienced geophysics field man with no direct experience with this tool.

A self-potential study was conducted over a small part of the grid. The area near the positive Beepmat location was chosen and an area with readings of over -400 mv were obtained (Fig 21) . The survey was redone putting the fixed electrode in a different location and essentially the same values were obtained. Readings of this magnitude are associated with sulphides; they are too high to be due to groundwater and too low to be those derived from graphite. There usually is a rough relation between amount of sulphide present and the size of the anomaly, but mineralogy and depth play add much variability to readings. The rule of thumb is that the anomaly is best where the conducting mass is nearest the surface (and sensor).

In practice the method produces useful results even though the theoretical underpinnings are in a flux. In this project the results are shown as a reference area on many maps. The data is in the data file. *The results focus attention on a well rusty exposed area and an area along strike, but well covered by overburden. A positive result has resulted focusing on the rusty rocks above (i.e. East of) FLAN.* The survey was conducted by David Javorsky, prospector. I have attended the successful uncovering of sulphides located this way but have no direct survey experience.

A combined magnetometer and VLF survey was undertaken on the grid. The magnetometer survey started from 000, 000 and this station was visited many times over the four day survey period. The data was reduced using diurnal corrections as seen at the site and checked with federal geomagnetic laboratories. The results as seen on map in folder, show that in general, the regional government survey from MAPPLACE was correct, a large anomaly is to the southeast is dissipating rapidly within area to the north and northwest. There are a few minor magnetic perturbations that suggest local presence of faults, and the area nearer Schoen Creek is in general a bit lower than that calculated for the geoid, in keeping with the probably subcrop of the diamagnetic two mica granite. *No large, local positive or negative magnetic anomaly was recognized.*

For the VLF part of the survey, two stations (Hawaii and Annapolis), roughly at 90 degrees to each other, were chosen as the fixed input stations. VLF-EM surveys are commonly conducted along with magnetic surveys in mineral exploration. They have many attributes similar to more elaborate EM methods but derive their popularity from their simplicity of operation due to the fact that the large military radio transmitters are fixed and located more than 500 km away. The method reveals near surface changes in resistivity/conductivity due to many different causes such as water soaked clays, water filled fracture zones, sulphide filled fracture zones and (in archeology) empty space.

Surveys were conducted along the grid base line several times. and along 150N once. These lines are sub parallel with the Hawaii station and would accentuate features along it. Readings were taken facing north. The signal strength for VLF1 (Hawaii) was 4 to 5 %, a value considered excellent. The signal strength was good on August 31, September 1 and September 3, however it faded below recognition on September 2. The variation of the readings determined at 000,000 base station were quite large (9.4 to 20.8) over the four days, and the total variation on the grid is not particularly large (0.5 to 36.6). It is known that there is a considerable topographic effect and that this elevates readings taken on slopes in a complex manner. This may affect the base line plot. A map of values collected from VLF1, real component (also in-phase component) is shown and they show a general decrease to the north crudely following the regional magnetic trend. A plot along the base line shows both the real and imaginary component. This is typical of sections, there are no large anomalous peaks. It is nevertheless considered that the readings can be used and the conclusion "*that no large VLF1 anomalies are present*" is valid.

The signal strength for VLF2 (Annapolis) was between 1.1 and 1.5 %, a value considered to be of borderline use. The variation of the readings determined at 000,000 were exceedingly large (3.6 to 35.4) and the total variation not particularly large (0.5 to 44.0). The values at either extreme were not stable either. For example the site that returned 0.5 also ranged in values up to 12.1 and the site that recorded 44.8 also returned values as low as 19.8. There is no apparent diurnal effect so corrections are not immediately applicable. The majority of the grid was surveyed along the spurs from the baseline, which are lines sub parallel with the Annapolis transmitter signal and should have been accentuated by this transmitter.

These considerations lead to the conclusion that the VLF2 readings are of no practical use. Had anomalies been larger it may have been possible to use the data.

The conclusion of this work is that "*that no large VLF anomalies are present in surveyed areas*" is valid. The survey was carried out by Alec Tebbutt who has done previous surveys in the field. The data reductions were done by myself.

The density of mafic rock units were seen to be appropriately dense and non conductive (Appendix C) whereas two mica granite were less dense and local thin veins were conductive along the length of the veins. Units with disseminated or bedded pyrite were not conductive.

Summary of Grid Results

A reasonable set of conclusions from the surveys on the grid is that there are chalcopyrite bearing faults/veins underlying part of the grid area. The chalcopyrite is Se bearing just as the target mineral . The "body" is apparently large enough to give a weak galvanic response in the form of a Br halo. The self potential anomaly is located is the halo area in FLAN as are two hot spots picked by the Beepmat (Figure 7).

Hence the grid area (within "anomalous area" see Figure 7) is a high priority target area and a candidate for trenching.

Summary

Ongoing work continues to verify the merit of this property. High grade vein materials with previous values of up to Au up to 135 gm/mt in basal till at Flan are encouraging. Finding more anomalous samples during this field campaign (Au up to 104 gm/mt and silver to 260 gm/mt) indicates a significant and continued presence of mineralized basal till fragments within the Flan showing.

Overlapping geophysical anomalies and co-located geochemical anomalies indicate a possible target within the grid area. A geochemical cutoff near the headwaters of Jackpot Creek near the newly located hornblende-biotite granodiorite stock is another target candidate.

Recommendations for future work

Mineral deposit Models

The current choice of model for FLAN is *the "Intrusion Related Au Pyrrhotite Vein Mineral Deposit Model (BC Profile I02)".* The tectonic and geological setting are appropriate, the age of the showing is possibly early Jurassic, The host rocks in this area are as the model requires and the hypothetical veins are pyrrhotite rich, and as predicted, local quartz rich veins are also located. The area is strongly faulted. All these features that are common to this model.

Exploration guides for this model (BC Profile I02) include:

A geochemical footprint of elevated Au, Ag, Cu, (minor As and Zn),

A geophysical electromagnetic signature revealed by (ABEM or VLF-EM) and a magnetic signature shown by linear negative magnetic anomalies, as well as

Geological observations which include the finding of small 'hairline' fractures which are good indicators that a major vein is nearby (Aldrick, 1996).

Once a vein orientation on an initial discovery is determined, additional parallel veins should be anticipated and investigated by fences of drill holes.

Gold/Silver ratios are close to 1:1. Copper may be a recoverable by-product. Typical grades are 10-20g/t Au (Aldrick, 1996).

Geological Survey

Two possible locations of the source of the auriferous boulders in the till have been located. The exploration model noted previously, requires a nearby pluton and two plutons are available in map area as a heat and metal source:

1-The two mica granite is in immediate neighbourhood of the fragments, and is mineralized, but not with required gold tenor

2- Hornblende biotite granodiorite is up the hill to the east, and if associated with a larger pluton to the south east, could have brought additional mineral resources to the area.

Locally at FLAN, small hairline veins of pyrrhotite or pyrite are noted in place, cutting diabase, especially near the Beepmat anomaly and within the Self potential anomaly. These are worthy of follow up.

Geochemical survey for copper + gold anomalies:

At Flan, the presence of gold is known to be in very small particles within the chalcopyrite; this focuses further exploration to the easier task of finding copper. The presence of altering pyrrhotite insures an acid weathering environment and release of copper into the weathering environment. Hence standard geochemical procedures can be used to outline resultant copper anomalies in tills, soils and/or streams. Each sample type gives different yields and directional clues as to source of mineralization. A basal till survey would yield the best and most immediate results to locate copper (and gold) bearing pyrrhotite veins.

Unfortunately copper is not always associated with gold at FLAN. Examples include the northern copper and silver showing reported previously (AR30009). Hence gold must be actively sought as well and all submitted samples of bedrock must be fire assayed. Selected silt and soil samples should have ICP-MS performed on 15 gm sample to reduce the variability in the measured tenor of gold and have high values checked by fire assay.

***Magnetic and electromagnetic surveys*:**

The presence of pyrrhotite in veins also indicates that geophysical methods will be useful. Pyrrhotite at Flan showing is mildly magnetic, and should have shown up in a magnetic survey. None was noted in the survey on the grid. Perhaps the majority of the pyrrhotite has been deeply weathered. The hints for prospectors in the mineral deposit model cited earlier suggests looking for low magnetic corridors marking the traces of the veins.

Pyrrhotites, pyrites and chalcopyrite are known to be conductive and any, of a large variety, of electromagnetic methods should work.

Hand based technologies:

A prospector based exploration program could include a small soil/basal till survey within target area, and hand trenching on the most prominent anomalies. Cutoff areas can have contour soil sampling and bank sampling to better localize target. Regional exploration would include traditional prospecting on new road cuts and along still unexplored creek beds.

Systematic Surveys

A junior company would perform larger, more systematic airborne geochemical and geophysical surveys or land based surveys on well established large grids to find anomalous regions.

Budget

No budget is provided as the project can be configured in many different ways depending on available resources and personnel.

References

Aldrick, D.J. 1996

Intrusion Related Au Pyrrhotite Veins, in Selected British Columbia Mineral Deposit Profiles – Volume 2 – Metallic Deposits; Lefebure D.V. and Hoy, T, Editors, British Columbia Ministry of Employment and Investment, Open File 1996-13, pages 57-58.

Anon, 2008

RGS23, NTS092L/102I, BCGS, available at BCGS website

MapPlace, available at BCGS website

Assibey-Bonsu, W. 1996

Summary of present knowledge on the representative sampling of ore in the mining industry, in South African Institute of Mining and Metallurgy, vol 96, no. 6, pages 289-293.

Bradshaw, P.M.D., 1994

Assessment Report; Maquilla Property; BC Gov., Geological Branch Assessment Report 23546.

Hicock S.R. 1986

Pleistocene Glacial Dispersal and History in the Buttle Valley, Vancouver Island: A feasibility Study for Alpine Drift Studies; Can Journ Earth Sciences, vol 23, pg 1867-1879.

Howes, D.E., 1981

Late Quaternary Sediments and Geomorphic History of North-Central Vancouver Island, British Columbia: Can Journ Earth Sciences, vol 18, pg 1-12.

Howes, D.E., 1983

Late Quaternary Sediments and Geomorphic History of Northern Vancouver Island, British Columbia: Can Journ Earth Sciences, vol 20, pg 167-65.

Levson, V.M. And Giles T.R., 1995

Glacial Dispersal Patterns of Mineralized Bedrock: with examples from the Nechako Plateau, Central British Columbia; in ed Bobrowsky P.T., Sibbick, S.J., Newell, J.M., and Matysek, P.F. Drift Exploration in the Canadian Cordillera, BC Government, Mineral Resources Division, Geological Survey Branch, Paper 1995-2, pg 67 – 76.

Massey, N.W.D., compiler, with Desjardin and Grunsky, 1994,

Vancouver Island Digital Geology, BCGS OF 1994-6

Massey NWD, 2004

Vancouver Island Digital BCGS Open File 2005

Muller, J.E., Northcote, K.E., and Carlisle, D. 1974

Geology and mineral deposits of Alert-Cape Scott map-area, Vancouver Island, BC;Geological Survey of Canada, Paper 74-8, 77pg., 1 map, 1:250000.

Plouffe, A 1995

Drift Prospecting, Sampling Methods; in ed Bobrowsky P.T., Sibbick, S.J., Newell, J.M., and Matysek, P.F. Drift Exploration in the Canadian Cordillera, BC Government, Mineral Resources Division, Geological Survey Branch, Paper 1995-2, pg 43-52.

Proudfoot, D.N., Bobrowsky, P.T., and Meldrum, D. 1995
Drift Exploration Potential Maps Derived from Terrain Geology Maps; in ed Bobrowsky P.T., Sibbick, S.J., Newell, J.M., and Matysek, P.F. Drift Exploration in the Canadian Cordillera, BC Government, Mineral Resources Division, Geological Survey Branch, Paper 1995-2, pg 23-33.

Schau, Mikkel, 2001
Prospector's Report on PAP2000-95, unpublished manuscript lodged with BCGS

Schau, Mikkel, 2002
Prospector's Report on PAP2001-91, unpublished manuscript lodged with BCGS

Schau, Mikkel, 2003
Preliminary Geology, Petrography and Petrophysics of the Flan Group; BC Gov., Geological Branch Assessment Report 26793

Schau, Mikkel, 2004
Preliminary Geology, Petrography and Petrophysics of the Xanga Group; BC Gov., Geological Branch Assessment Report 27311

Schau, Mikkel, 2006
Prospector's Report on part of the Flan-Consolidated Group of claims (507295 and 513281).BC Gov., Geological Branch Assessment Report 28382.

Schau, Mikkel, 2007
New Results from the FLAN showing on part of the Flan-Consolidated Group of Claims (Tenure 509012) in the Nanaimo Mining Division;; Geological Branch Assessment Report; 29360.

Schau, Mikkel, 2007
Alteration Studies on the Flan Consolidated Claims (Tenures 507295, 509012, 513281, 543699). BC Gov., Geological Branch Assessment Report; *29551 .*

Schau, Mikkel, 2008
Mineralography of selected samples from FLAN Showing on part of the Flan-Consolidated Group of Claims (Tenures 509012 and 553495) in the Nanaimo Mining Division in 092L/01 at 50 deg 07 min North and 126 deg 15 min 30 sec West: BC Gov., Geological Branch Assessment Report *30009*

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 regional mapping in northeastern Arctic Canada before retiring. For the last 13 years I have prospected and mapped in Nunavut, Nunavik, Yukon, Ontario and BC.

I reside at 3919 Woodhaven Terrace, Victoria (Saanich), BC, V8N 1S7

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.

My experience in geochemical exploration spans half a century. I was on a follow up crew for a province wide Kennco geochemical survey in the early sixties, . Later I was a teaching assistant to Dr Delavault's Exploration Geochemistry course at UBC. Subsequently, I was the geochemist for a major geochemical survey in NE BC. Hence, I lectured on the subject of Aqueous Geochemistry, a fourth year course at University of Manitoba. I currently use geochemical methods in my exploration work.

My experience in geophysical exploration includes surveys on several generations of magnetometers, and Beepmat surveys, as well a familiarity with the interpretation of geophysical surveys in general.

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

I have 80% interest in the claims in question. Interwest Enterprises Ltd have earned 20% by funding this program.

I am an author of the report entitled "*Ongoing exploration on the Flan Consolidated Claims (Tenures 507295, 509012, 513281, 543699, 553495, and 590156), (Geology, geochemistry, and geophysics), in the Nanaimo Mining Division in 092L/01 at 50 deg 06 min 44 sec North and 126 deg 15 min 39 sec West for Interwest Enterprises Ltd and Mikkel Schau, (owner) "* and dated June 24, 2010

(submitted October 2, 2010, with permission).

Signed 

Mikkel Schau, P. Geo.
(25977)

, dated October 2, 2010

Itemized cost statement

The costs listed here do not include GST (expense incurred before July 1, 2010)

Field Work

(July 1-2, 2009)	
Schau (mob with equipment)	600.00
(July 8-27 and August 31 -Sept 7, 2009, Feb 14, 2010)	
Contract Prospecting team (Tebbutt, Till, Montgomery, and sue) wages`	27550.00
Prospector (David Javorsky @350)	5250.00
Project geologist and manager, Schau	26668.86
(Feb 2, 2010)	
Check trip Schau 1 day @ 600, Tebbutt 1 day at 250)	850.00
Equipment rental (Beepmat and VLF-magnetometer	3180.00
Room and board*	
accommodation 124 man days	2500.00
food @ $20/man day by 124	2480.00
Travel	
field travel 200.00 by arrangement truck	200.00
contract expenses, meals mob and demob etc as per invoice	2472.11
fuel for truck provided by self	311.70
ferries (mob and demob, bringing equipment across the Salish sea)	588.95
Feb 2 travel, and room and board and not to exceed 10% of expenses for that trip, costs apportioned with 2 other projects	200.00
Field materials (Deakin)	1272.76
Field Supplies	410.86
Shipping, samples, equipment back to renters	704.61

Analytical work

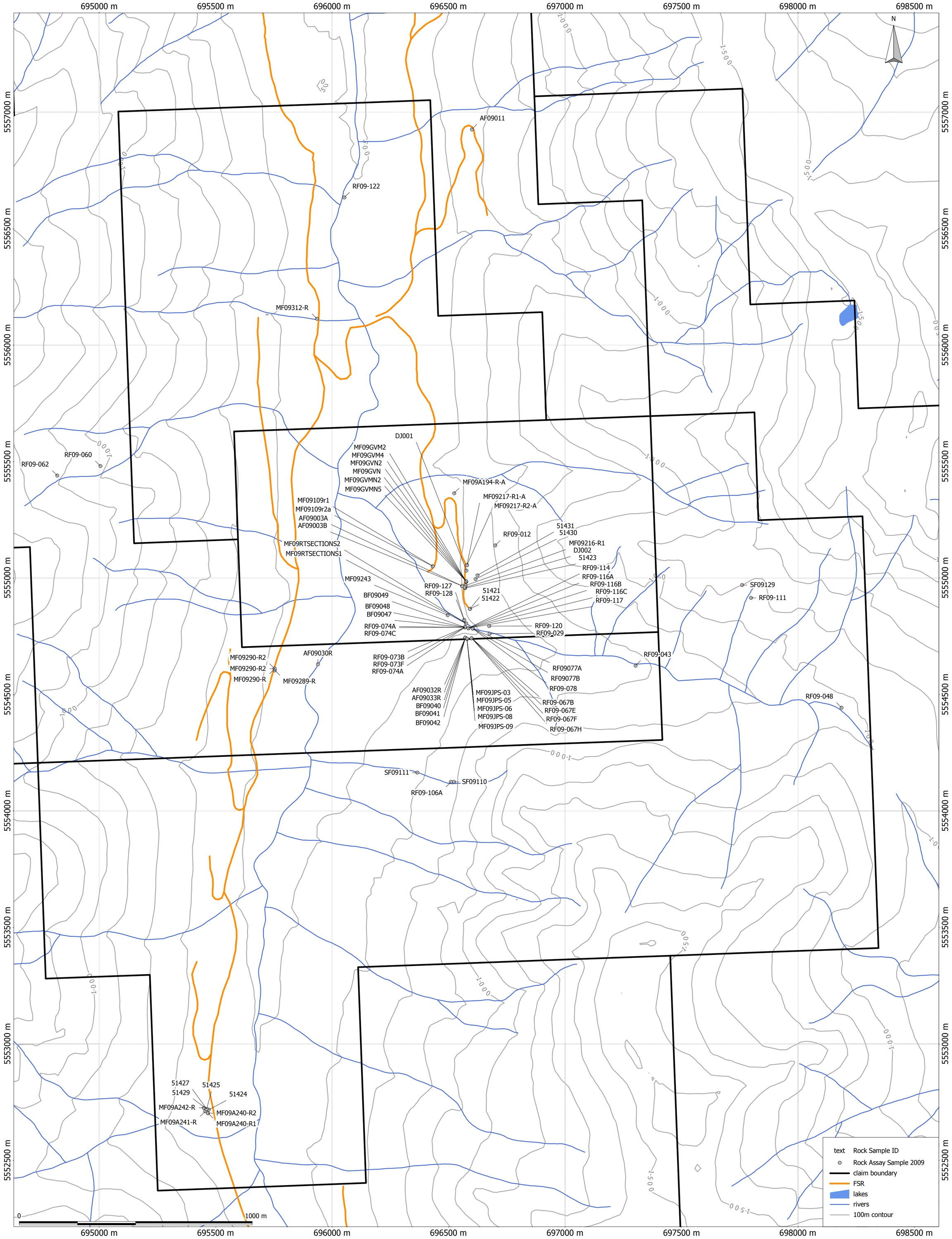
acme 7 assay reports, total of 91 rocks, 266 surficial materials)	***6704.73***
actlabs, 1 report, 78 specimens	***3017.50***

heberlein 1 report 10 specimens		***200.12***	
Petrographical			
VanPet sections*, slabs, polished thin sections			1402.00
40 Thin sections @ 150			6000.00
Density measurements			
20 samples measured	@ $5.00		100.00
		subtotal	**7562.00**
90335.38			
Report writing (4 days @ 600/day)			2400.00
GIS, database handling in field			1000.00
GIS Map making 27 report maps @50/map			1300.00
TOTAL		***FIXED 95,025.67***	

Appendix A-sample descriptions, locations and selected assays

Sample locations are shown in Figure 8;
Gold (ppb) and Copper (ppm) in Figure 9

Rock samples



Projection/Datum: UTM 9(N) NAD83 scale: 1:10000 0 — 1000 m	**THE FLAN PROJECT** **October 2010**	**Figure 8** **Location of** **Rock Samples**

Table A1-1 Rock Samples - 1/3

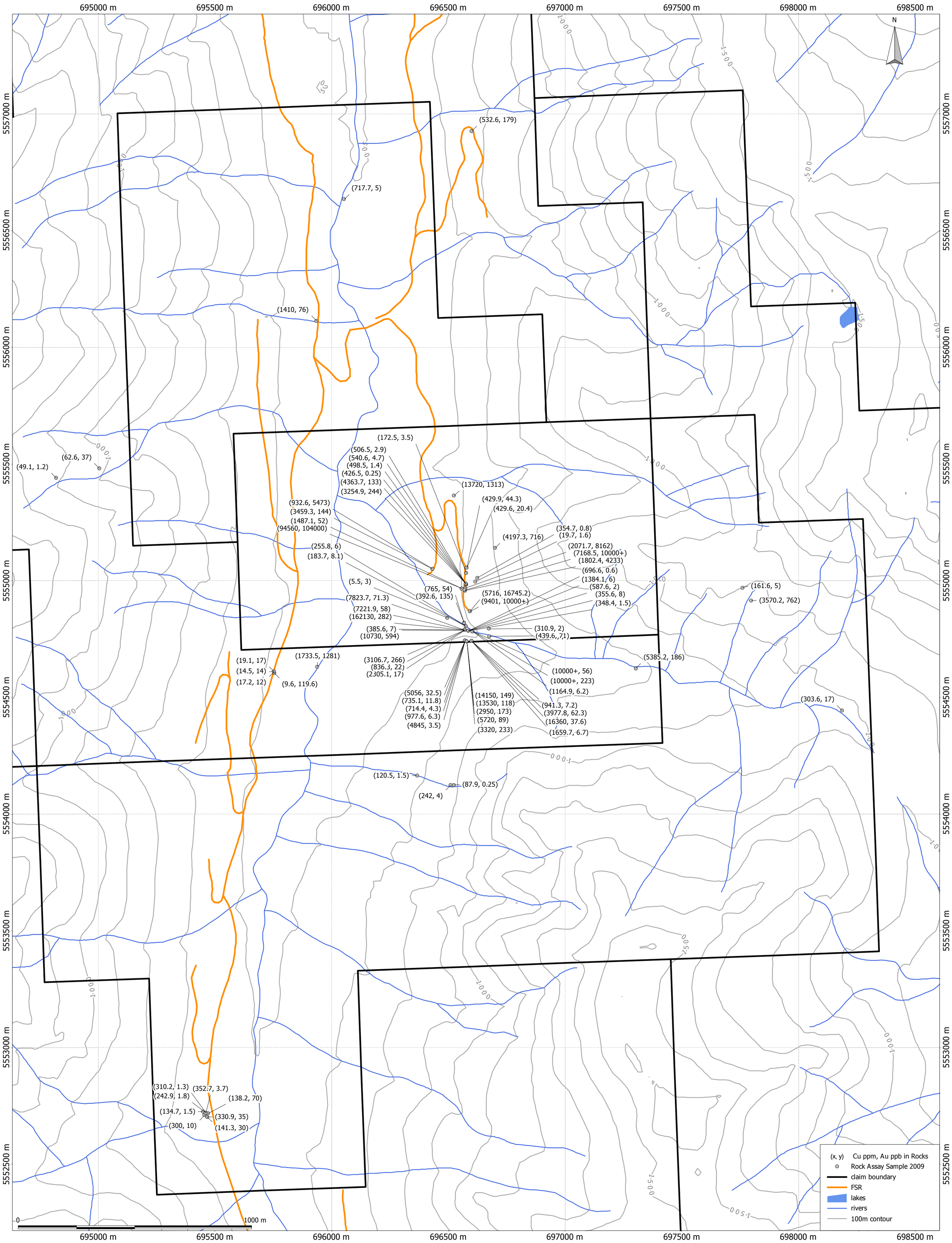
SampleID	InSitu	NAD83E	NAD83N	RockType	LabSampleID	Cu_ppm	Au_ppb	Bi_ppm	S_%	Se_ppm
MF09A240-R1	float	695467	5552703	Large block rusty Siltstone	MF09A240-R1	141.3	5.4	0.05	0.97	1.4
MF09A240-R2	float	695467	5552703	Large block rusty Siltstone	MF09A240-R2	330.9	13.9	0.5	0.55	5.2
MF09A241-R	float	695455	5552711	Large block rusty Siltstone	MF09A241-R	300	10	0.2	5.31	9
51424	float	695470	5552718	Large block rusty Siltstone	51424	138.2	5	0.4	5.99	9.3
51425	yes	695461	5552721	Large block rusty Siltstone	51425	352.7	3.7	0.4	3.28	1.7
51427	yes	695461	5552721	Large block rusty Siltstone	51427	310.2	1.3	0.2	2.87	4.2
51429	yes	695461	5552721	Large block rusty Siltstone	51429	242.9	1.8	0.4	2.03	3.3
MF09A242-R	float	695449	5552726	rusty Siltstone cobble	MF09A242-R	134.7	1.5	0.2	5.1	11.5
RF09-106A	yes	696510	5554125	two mica granite	RF09106A	242	0.25	0.1	0.14	0.25
SF09110	float	696523	5554125	diabase	SF09110	87.9	0.25	0.05	0.025	0.025
SF09111	float	696366	5554165	diabase	SF09111	120.5	1.5	0.05	0.11	0.025
RF09-048	yes	698187	5554444	diabase	RF09-048	303.6	9.2	2.3	3.85	37.8
MF09289-R	yes	695754	5554604	vein in two mica granite	MF09289-R	9.6	119.6	0.05	0.08	0.25
MF09290-R	yes	695753	5554611	vein in two mica granite	MF09290-R	17.2	15.4	4.5	0.025	0.25
MF09290-R2	yes	695753	5554611	vein in two mica granite	MF09290-R2	14.5	13.1	4.2	0.025	0.25
MF09290-R2	yes	695753	5554611	vein in two mica granite	RF09290R2	19.1	19.9	6.8	0.025	0.25
RF09-043	float	697303	5554624	diabase with sulphide	RF09-043	5385.2	138	256.3	10	17.1
AF09030R	float	695939	5554630	diabase/pyrite	AF09030R	1733.5	798.5	0.7	1.04	2.2
MF09JPS-03	yes	696579	5554739	JPS-breccia	MF09JPS-03	14150	29.9	28.9	1.08	10.7
MF09JPS-05	yes	696579	5554739	JPS-breccia	MF09JPS-05	13530	65.4	82.5	1.81	31.9
MF09JPS-06	yes	696579	5554739	JPS-breccia	MF09JPS-06	2950	176.9	153.6	1.08	51.6
MF09JPS-08	yes	696579	5554739	JPS-breccia	MF09JPS-08	5720	57.2	54.1	0.99	22.7
MF09JPS-09	yes	696579	5554739	JPS-breccia	MF09JPS-09	3320	45.4	38.6	1.01	14.2
RF09-067B	yes	696599	5554742	JPS-breccia	RF09067B	941.3	7.2	3.3	8.82	18.2
RF09-067E	yes	696599	5554742	JPS-breccia	RF09067E	3977.8	62.3	58.2	0.79	18.8
RF09-067F	yes	696599	5554742	JPS-breccia	RF09067F	16360	37.6	13.8	1.32	5.9
RF09-067H	yes	696599	5554742	JPS-breccia	RF09-067H	1659.7	6.7	2.9	0.025	0.8
AF09032R	yes	696572	5554744	chip sample-JPS	AF09032R	5056	32.5	20.7	0.66	8.3
AF09033R	yes	696572	5554744	chip sample-JPS	AF09033R	735.1	11.8	8	0.18	2.5
BF09040	yes	696572	5554744	breccia, JPS	BF09040	714.4	4.3	3.3	0.05	0.7
BF09041	yes	696572	5554744	chip sample-JPS	BF09041	977.6	6.3	2.6	6.05	14.9
BF09042	yes	696572	5554744	chip sample-JPS	BF09042	4845	3.5	1	0.42	1.4
RF09-029	yes	696676	5554761	diabase	RF09-029	439.6	19.1	0.2	3.77	15.7
RF09-078	yes	696604	5554783	two mica granite	RF09078	1164.9	6.2	1.1	7.05	31.4
RF09077A	yes	696604	5554783	two mica granite	RF09077A	10000	42.3	4.8	7.14	15.6
RF09077B	yes	696604	5554783	two mica granite	RF09077B	10000	127.3	34.2	10	59.4

Table A1-1 **Rock Samples - 2/3**

SampleID	InSitu	NAD83E	NAD83N	RockType	LabSampleID	Cu_ppm	Au_ppb	Bi_ppm	S_%	Se_ppm
RF09-114	yes	696585	5554785	Altered diabase	RF09114	696.6	0.6	0.3	0.025	0.25
RF09-116A	yes	696585	5554785	two mica granite	RF09116A	1384.1	12.1	4.7	6.32	9.3
RF09-116B	yes	696585	5554785	mylonite	RF09116B	587.6	3.2	0.7	1.36	5.8
RF09-116C	yes	696585	5554785	Altered diabase	RF09116C	355.6	5.9	2.7	2.4	8
RF09-117	yes	696585	5554785	Iron rich veining	RF09117	348.4	1.5	0.5	2.51	9
BF09047	yes	696570	5554789	chalcopyrite	BF09047	162130	275	52.2	8.8	53.9
BF09048	yes	696570	5554789	JPS extension, granite	BF09048	7221.9	28.4	24.5	4.57	18.5
BF09049	yes	696570	5554789	JPS extension, granite	BF09049	7823.7	71.3	8.4	5.63	13.8
RF09-073B	yes	696570	5554789	JPS extension, granite	RF09073B	3106.7	224.1	5.6	8.56	17
RF09-073F	yes	696570	5554789	JPS extension, granite	RF09073F	836.3	30.2	1.9	1.72	4.1
RF09-074A	yes	696570	5554789	JPS extension, granite	RF09074A	385.6	6.7	7	0.74	3.3
RF09-074C	yes	696570	5554789	JPS extension, granite	RF09074C	10730	559.5	34.1	10	45.7
RF09-074A	yes	696570	5554789	black phyllonite	RF09074	2305.1	13.4	5.6	6.58	11
RF09-120	yes	696674	5554794	Altered diabase	RF09120	310.9	6.3	0.05	2.64	10.9
MF09RTSECTIONS1	yes	696575	5554805	diabase	MF09RTSECTIONS1	183.7	8.1	0.1	0.025	4.1
MF09RTSECTIONS2	yes	696575	5554805	chert	MF09RTSECTIONS2	255.8	6	0.2	0.025	3.3
RF09-127	yes	696567	5554820	Granite	RF09127	765	36.2	1.1	4.78	8.2
RF09-128	yes	696567	5554820	Granite	RF09128	392.6	124.4	1.3	5.12	9.9
MF09243	yes	696496	5554841	two mica granite	MF09243	5.5	2.6	0.05	0.025	0.25
51421	float	696592	5554868	till boulder from Flan	51421	5716	16745.2	21.9	9.78	62
51422	float	696592	5554868	till boulder from Flan	51422	9401	11687.8	22.2	10	62.8
RF09-111	float	697798	5554915	Rusty material	RF09111	3570.2	791.9	1.3	2.66	4.4
51423	float	696571	5554957	flan fragment	51423	1802.4	4530.3	11.6	10	42.1
DJ002	float	696570	5554960	flan fragment	DJ002	7168.5	53839	16.4	9.83	20.9
AF09003A	float	696558	5554966	massive sulpide	AF09003A	1487.1	32.1	1.4	9.9	19.8
AF09003B	float	696558	5554966	massive sulphide	AF09003B	94560	104000	49.6	9.34	46.3
MF09216-R1	float	696573	5554968	massive sulphide	MF09216-R1	2071.7	14363.4	6	3.23	6
SF09129	float	697760	5554970	basalt	SF09129	161.6	2.2	0.05	0.025	0.025
MF09GVM2	yes	696576	5554984	green vein complex,	MF09GVM2	506.5	2.9	1	0.025	0.9
MF09GVM4	yes	696576	5554984	green vein complex,	MF09GVM4	540.6	4.7	0.9	0.025	0.25
MF09GVN2	yes	696575	5554986	green vein complex,	MF09GVN2	498.5	1.4	0.2	0.025	0.25
MF09GVMN5	yes	696575	5554986	green vein complex,	MF09GVMN5	3254.9	211.9	1.5	7.39	15.4
MF09GVN	yes	696575	5554986	green vein complex,	MF09GVN	426.5	0.25	0.05	0.025	0.6
MF09GVMN2	yes	696575	5554986	green vein complex,	MF09GVMN2	4363.7	164.4	0.9	6.72	14.7
51430	yes	696616	5554996	Diabase at Beepmat loc	51430	19.7	1.6	0.1	0.34	0.8
51431	yes	696624	5555012	Diabase at Beepmat loc	51431	354.7	0.8	0.7	3.64	2.6

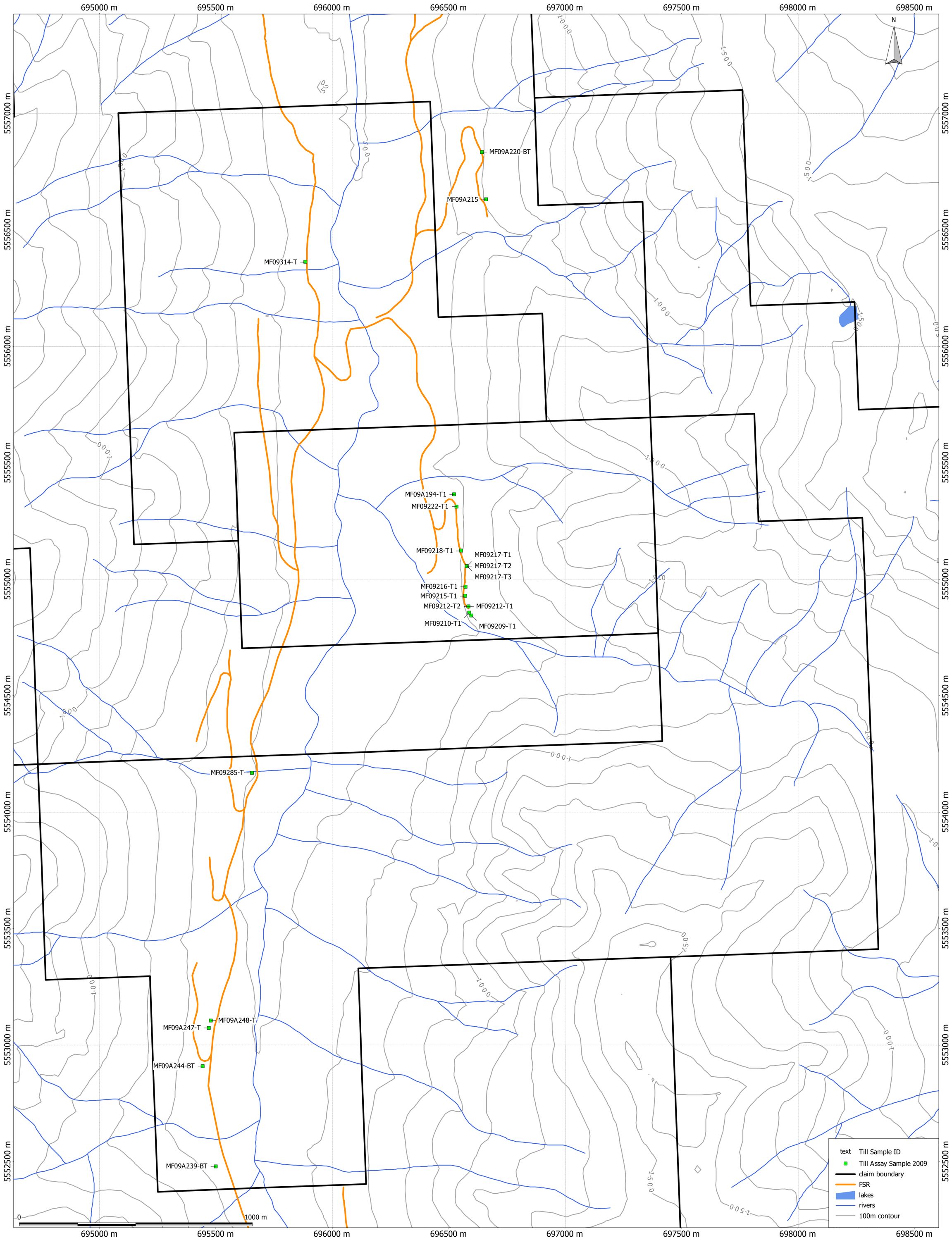
Table A1-1 **Rock Samples - 3/3**

SampleID	InSitu	NAD83E	NAD83N	RockType	LabSampleID	Cu_ppm	Au_ppb	Bi_ppm	S_%	Se_ppm
DJ001	float	696577	5555032	chert	DJ001	172.5	3.5	0.05	0.63	0.5
MF09109r1	no	696432	5555051	pyrite vein in altered diabase	MF09109RL	932.6	3023.4	2.8	2.03	3.4
MF09109r2a	no	696432	5555051	pyrite vein in altered diabase	MF09109R2A	3459.3	130.7	3.3	8.7	20.1
MF09217-R1-A	float	696579	5555056	massive sulphide	MF09217-R1-A	429.9	44.3	1.4	4.67	8.8
MF09217-R2-A	float	696579	5555056	massive sulphide	MF09217-R2-A	429.6	20.4	1.1	3.35	7.4
RF09-012	yes	696700	5555140	diabase	RF09-012	4197.3	238.6	3.2	0.5	43.7
MF09A194-R-A	float	696524	5555364	Rusty fragments	MF09A194-R-A	13720	1069	27.3	4.66	16.6
RF09-062	yes	694820	5555440	chert	RF09062	49.1	1.2	0.1	0.09	0.25
RF09-060	yes	695005	5555481	chert	RF09060	62.6	26.8	0.2	0.06	0.25
MF09312-R	float	695935	5556113	gossan	MF09312-R	1410	67.4	9.4	0.025	2.1
RF09-122	yes	696053	5556634	Diabase	RF09122	717.7	6.7	0.6	3.13	6.4
AF09011	in till	696600	5556926	Diabase	AF09011	532.6	153.2	0.2	0.72	1.4



Projection/Datum: UTM 9(N) NAD83 scale: 1:10000 0 — 1000 m	**THE FLAN PROJECT** **October 2010**	**Figure 9** **Copper & Gold in Rock, numeric values**

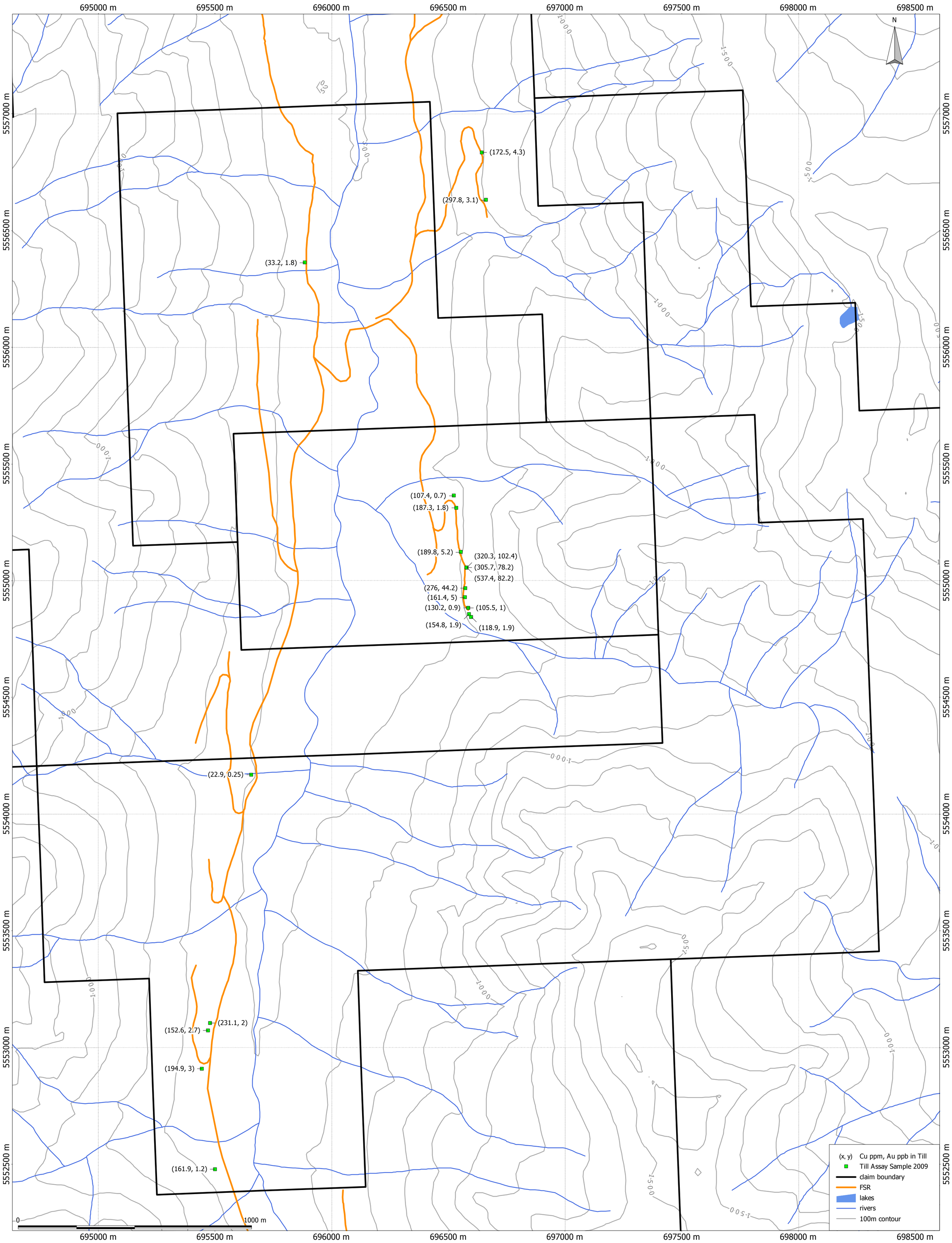
Till samples



Projection/Datum: UTM 9(N) NAD83 scale: 1:10000 0 — 1000 m	**THE FLAN PROJECT** **October 2010**	**Figure 10** **Location of** **Till Samples**

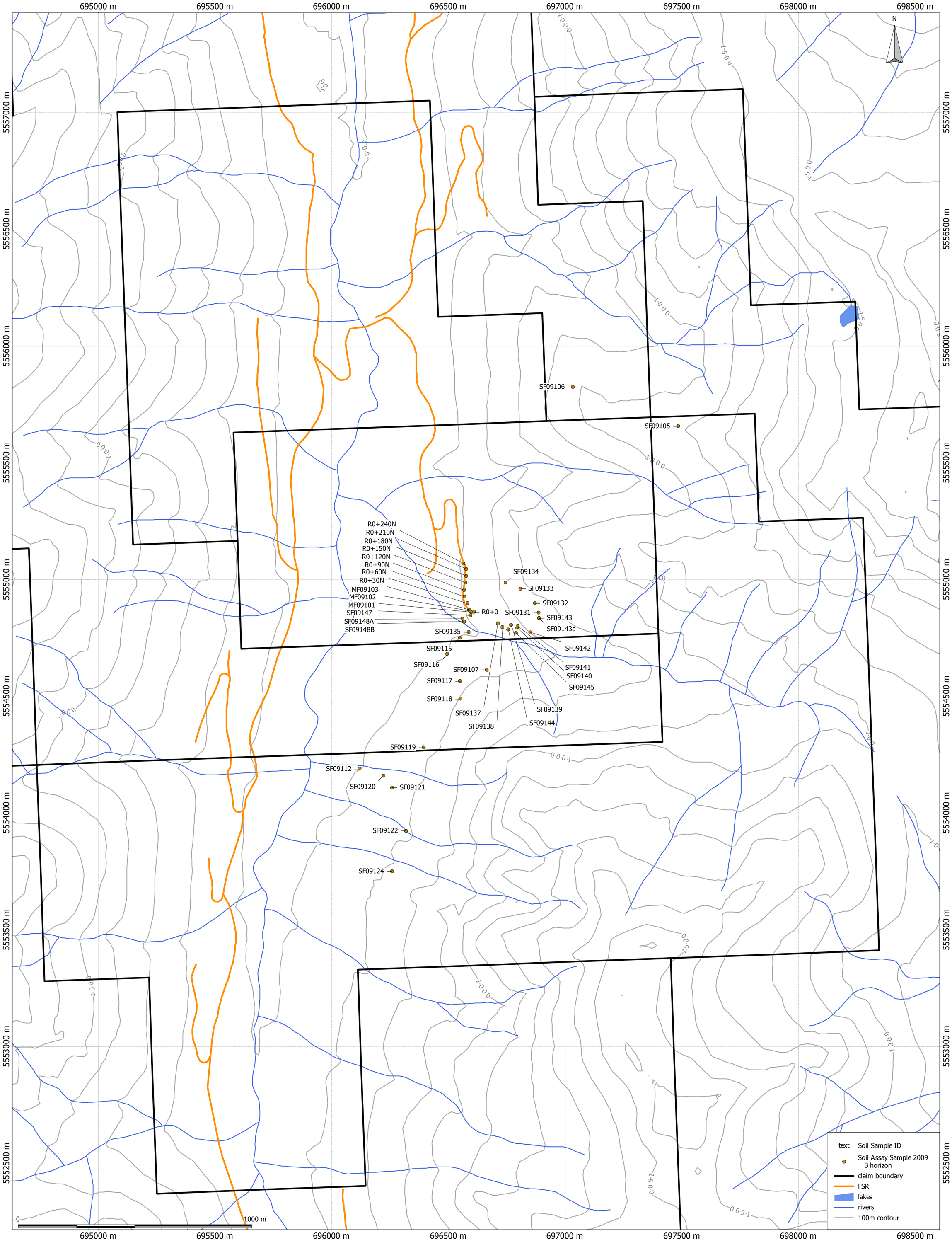
Table A1-2 Till samples, matrix (1/1)

SampleID	LabSampleID	NAD83E	NAD83N	Cu_ppm	Au_ppb	Se_ppm
MF09209-T1	MF09-209T	696598	5554844	118.9	1.9	0.25
MF09210-T1	MF09-210T	696589	5554857	154.8	1.9	0.25
MF09212-T1	MF09-212T1	696586	5554883	105.5	1	3.7
MF09212-T2	MF09-212T2	696586	5554883	130.2	0.9	0.25
MF09215-T1	MF09-215T1	696571	5554928	161.4	5	1.1
MF09216-T1	MF09-216T	696573	5554968	276	44.2	1
MF09217-T1	MF09-217T1	696579	5555056	320.3	102.4	7.2
MF09217-T2	MF09-217T2	696579	5555056	305.7	78.2	4.6
MF09217-T3	MF09-217T3	696579	5555056	537.4	82.2	9
MF09218-T1	MF09-218T	696553	5555122	189.8	5.2	0.25
MF09222-T1	MF09-222T	696535	5555312	187.3	1.8	0.25
MF09285-T	MF09-A285T	695656	5554169	22.9	0.25	0.25
MF09314-T	MF09-M314T	695885	5556362	33.2	1.8	0.25
MF09A194-T1	MF09-194T	696524	5555364	107.4	0.7	0.6
MF09A215	MF09-215T2	696661	5556630	297.8	3.1	0.25
MF09A220-BT	MF09-A220T	696643	5556834	172.5	4.3	0.25
MF09A239-BT	MF09-A239T	695500	5552479	161.9	1.2	0.25
MF09A244-BT	MF09-A244T	695445	5552909	194.9	3	0.25
MF09A247-T	MF09-A247T	695470	5553073	152.6	2.7	0.6
MF09A248-T	MF09-A248T	695479	5553105	231.1	2	0.9



Projection/Datum: UTM 9(N) NAD83 scale: 1:10000 0 — 1000 m	**THE FLAN PROJECT** **October 2010**	**Figure 11** **Copper & Gold in Till,** **numeric values**

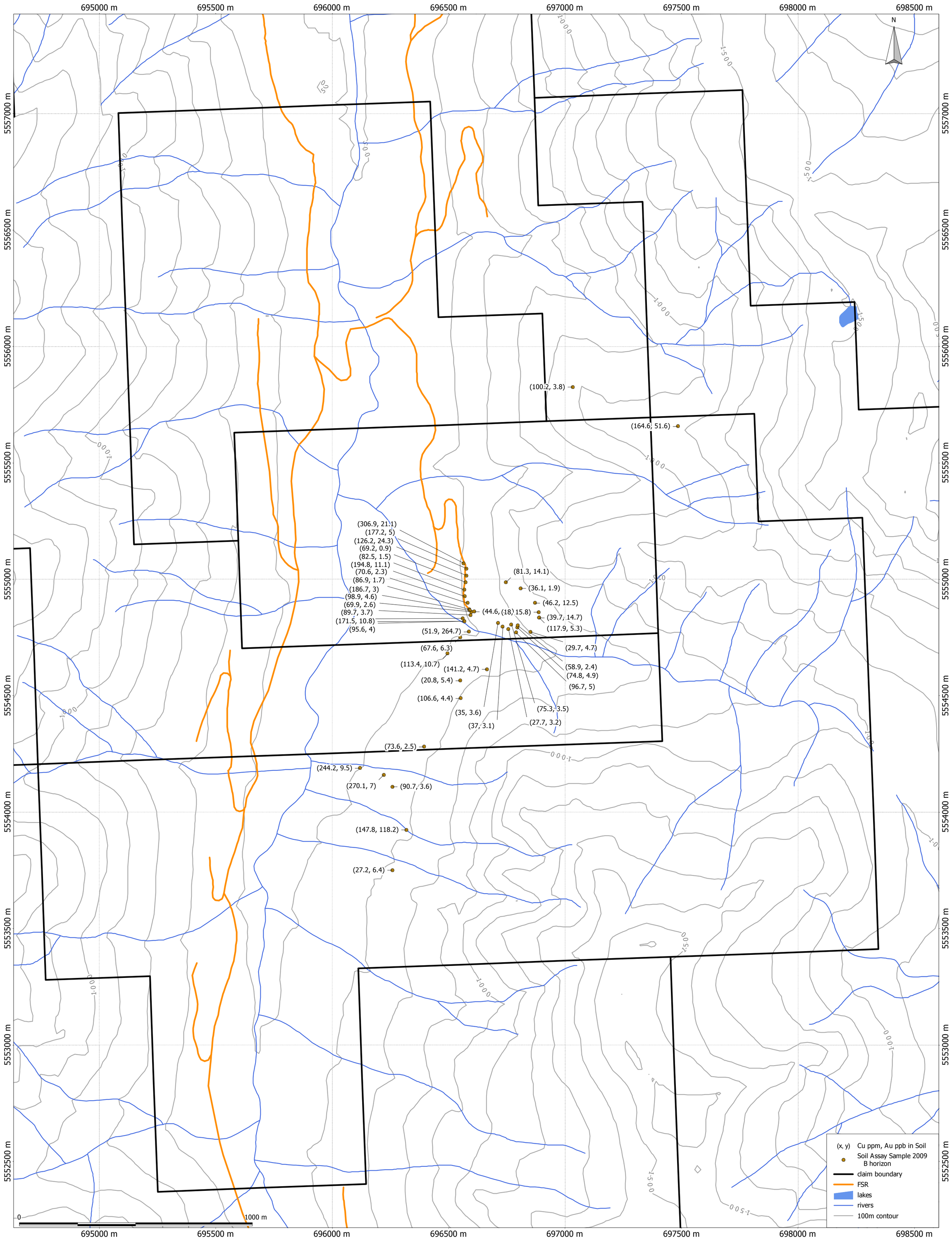
Soil samples



Projection/Datum: UTM 9(N) NAD83 scale: 1:10000 0 — 1000 m	**THE FLAN PROJECT** **October 2010**	**Figure 12** **Location of Soil Samples (regional)**

Table A1-3 Soil Samples (Acme aqua regia) (1/1)

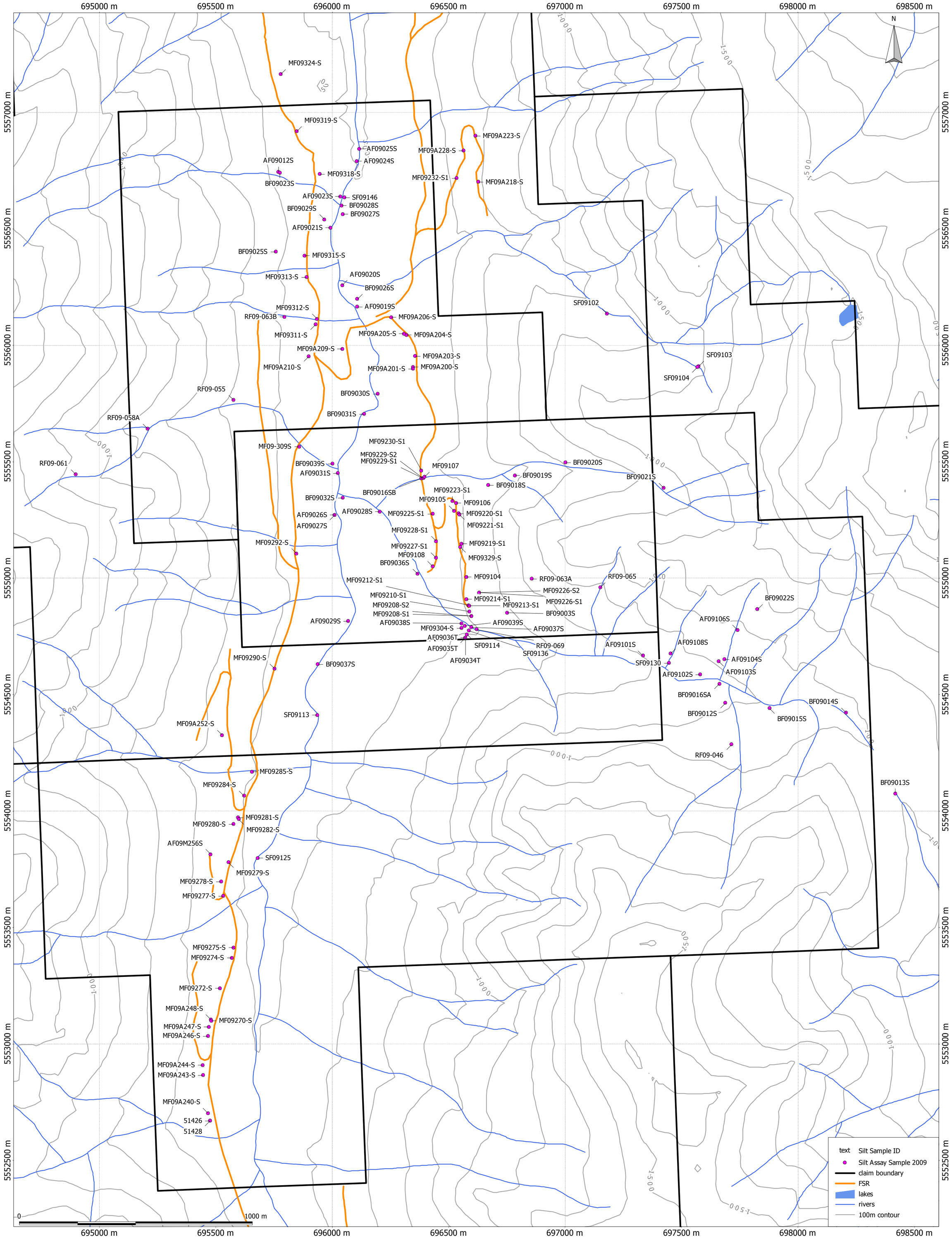
SampleID	LabSampleID	NAD83E	NAD83N	Cu_ppm	Au_ppb	Se_ppm
MF09101	MF09101SOILS-1	696594	5554846	69.9	2.6	1.6
MF09102	MF09102SOIL	696598	5554860	98.9	4.6	1.5
MF09103	MF09103SOIL	696591	5554866	186.7	3	0.8
R0+0	R0+0	696611	5554861	44.6	1.2	0.25
R0+120N	R0+120N	696568	5554955	82.5	1.5	1.6
R0+150N	R0+150N	696573	5554987	69.2	0.9	1.7
R0+180N	R0+180N	696577	5555015	126.2	24.3	1.6
R0+210N	R0+210N	696577	5555045	177.2	5	3.1
R0+240N	R0+240NSOILAT	696565	5555068	306.9	21.1	2.3
R0+30N	R0+030N	696589	5554871	86.9	1.7	3.3
R0+60N	R0+060N	696582	5554898	70.6	2.3	1.4
R0+90N	R0+090N	696570	5554926	194.8	11.1	1.3
SF09105	SF09105	697485	5555657	164.6	51.6	1.4
SF09106	SF09106	697033	5555825	100.2	3.8	0.25
SF09107	SF09107	696664	5554613	141.2	4.7	2
SF09112	SF09112	696119	5554189	244.2	9.5	1.7
SF09115	SF09115	696550	5554751	67.6	6.3	0.6
SF09116	SF09116	696496	5554681	113.4	10.7	1.6
SF09117	SF09117	696551	5554565	20.8	5.4	0.25
SF09118	SF09118	696552	5554489	106.6	4.4	2.2
SF09119	SF09119	696395	5554281	73.6	2.5	0.6
SF09120	SF09120	696222	5554160	270.1	7	3
SF09121	SF09121	696259	5554109	90.7	3.6	1.8
SF09122	SF09122	696319	5553924	147.8	118.2	1.9
SF09124	SF09124	696259	5553751	27.2	6.4	0.5
SF09131	SF09131	696887	5554858	18	15.8	0.25
SF09132	SF09132	696871	5554898	46.2	12.5	0.5
SF09133	SF09133	696810	5554961	36.1	1.9	0.25
SF09134	SF09134	696746	5554986	81.3	14.1	1
SF09135	SF09135SOIL	696587	5554775	51.9	264.7	0.25
SF09137	SF09137	696712	5554812	35	3.6	0.6
SF09138	SF09138JL1+30	696732	5554796	37	3.1	0.6
SF09139	SF09139JL1+60	696769	5554806	75.3	3.5	1.9
SF09140	SF09140	696795	5554793	74.8	4.9	1.7
SF09141	SF09141	696798	5554801	58.9	2.4	0.9
SF09142	SF09142	696851	5554774	29.7	4.7	0.25
SF09143	SF09143	696889	5554835	39.7	14.7	0.25
SF09143a	SF09143A	696889	5554835	117.9	5.3	2
SF09144	SF09144	696757	5554785	27.7	3.2	0.7
SF09145	SF09145	696790	5554771	96.7	5	1.2
SF09147	SF09147	696561	5554832	89.7	3.7	1.1
SF09148A	SF09148A	696567	5554820	171.5	10.8	1.4
SF09148B	SF09148B	696567	5554820	95.6	4	1.2



Projection/Datum: UTM 9(N) NAD83 scale: 1:10000 0 — 1000 m	**THE FLAN PROJECT** **October 2010**	**Figure 13** **Copper & Gold in Soil, numeric values**

Stream (silt) samples

Figure 14 Location of silt samples



Projection/Datum: UTM 9(N) NAD83 scale: 1:10000 0 — 1000 m	**THE FLAN PROJECT** **October 2010**	**Figure 14** **Location of** **Silt Samples**

Table A1-4 Stream Sediments (silts) (1/3)

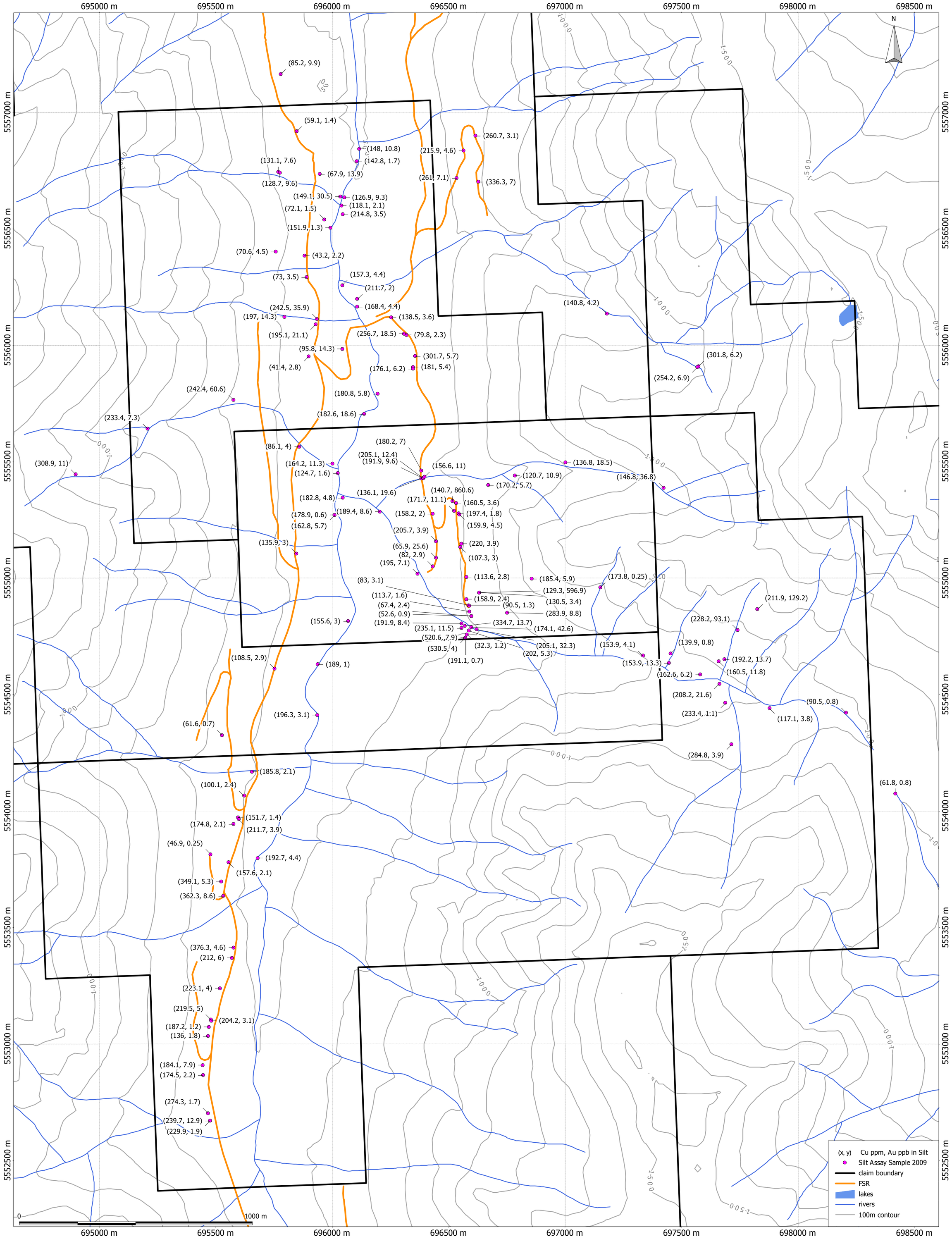
SampleID	LabSampleID	NAD83E	NAD83N	Cu_ppm	Au_ppb	Se_ppm
AF09012S	AF09012S	695769	5556744	131.1	7.6	3.3
AF09M256S	AF09M256S	695478	5553814	46.9	0.25	1.3
AF09019S	AF09019S	696108	5556165	168.4	4.4	1
AF09020S	AF09020S	696044	5556257	157.3	4.4	0.8
AF09021S	AF09021S	695992	5556504	151.9	1.3	1.3
AF09023S	AF09023S	696035	5556638	149.1	30.5	1.1
AF09024S	AF09024S	696105	5556790	142.8	1.7	1
AF09025S	AF09025S	696116	5556843	148	10.8	1.2
AF09026S	AF09026S	696011	5555271	178.9	0.6	0.9
AF09027S	AF09027S	696011	5555271	162.8	5.7	1.6
AF09028S	AF09028S	696205	5555285	189.4	8.6	1.4
AF09029S	AF09029S	696069	5554815	155.6	3	1.3
AF09031S	AF09031S	696025	5555450	124.7	1.6	1.2
AF09034T	AF09034T	696572	5554744	191.1	0.7	0.7
AF09035T	AF09035T	696572	5554744	530.5	4	1.4
AF09036T	AF09036T	696572	5554744	520.6	7.9	3.1
AF09037S	AF09037S	696597	5554789	174.1	42.6	3.8
AF09038S	AF09038S	696556	5554806	191.9	8.4	3.7
AF09039S	AF09039S	696570	5554795	334.7	13.7	2.1
BF09003S	BF09003S	696751	5554851	283.9	8.8	2.5
BF09012S	BF09012S	697688	5554464	233.4	1.1	1.6
BF09013S	BF09013S	698418	5554075	61.8	0.8	1.8
BF09014S	BF09014S	698207	5554422	90.5	0.8	1.8
BF09015S	BF09015S	697878	5554441	117.1	3.8	1.7
BF09016SA	BF09016SA	697663	5554546	208.2	21.6	1.4
BF09016SB	BF09016SB	696383	5555428	136.1	19.6	1.2
BF09018S	BF09018S	696671	5555399	170.2	5.7	4.4
BF09019S	BF09019S	696784	5555441	120.7	10.9	0.9
BF09020S	BF09020S	697002	5555496	136.8	18.5	1.2
BF09021S	BF09021S	697424	5555387	146.8	36.8	1.2
BF09022S	BF09022S	697826	5554866	211.9	129.2	1.3
BF09023S	BF09023S	695775	5556740	128.7	9.6	2.2
BF09025S	BF09025S	695758	5556401	70.6	4.5	0.25
BF09026S	BF09026S	696108	5556198	211.7	2	2.1
BF09027S	BF09027S	696046	5556562	214.8	3.5	0.7
BF09028S	BF09028S	696040	5556599	118.1	2.1	0.7
BF09029S	BF09029S	695967	5556539	72.1	1.5	0.25
BF09030S	BF09030S	696196	5555791	180.8	5.8	0.25
BF09031S	BF09031S	696138	5555704	182.6	18.6	0.6
BF09032S	BF09032S	696046	5555344	182.8	4.8	1.5
BF09036S	BF09036S	696367	5555018	195	7.1	2.1
BF09037S	BF09037S	695939	5554630	189	1	0.5
BF09039S	BF09039S	696002	5555491	164.2	11.3	1
MF09208-S1	MF09-208S1	696597	5554837	52.6	0.9	0.25
MF09208-S2	MF09-208S2	696597	5554837	67.4	2.4	1
MF09210-S1	MF09-210S1	696589	5554857	113.7	1.6	1.3
MF09212-S1	MF09-212S1	696586	5554883	83	3.1	2.2
MF09213-S1	MF09-213S1	696589	5554881	90.5	1.3	1
MF09214-S1	MF09-214S1	696577	5554910	158.9	2.4	1.8
MF09219-S1	MF09-219S1	696556	5555148	220	3.9	0.9

Table A1-4 Stream Sediments (silts) (2/3)

SampleID	LabSampleID	NAD83E	NAD83N	Cu_ppm	Au_ppb	Se_ppm
MF09220-S1	MF09-220S1	696543	5555277	197.4	1.8	0.8
MF09221-S1	MF09-221S1	696546	5555273	159.9	4.5	1.3
MF09223-S1	MF09-223S1	696516	5555330	140.7	860.6	1
MF09225-S1	MF09-225S1	696432	5555276	158.2	2	1.2
MF09226-S1	MF09-226S1	696632	5554938	130.5	3.4	1.3
MF09226-S2	MF09-226S2	696632	5554938	129.3	596.9	1.5
MF09227-S1	MF09-227S1	696446	5555088	65.9	25.6	1.5
MF09228-S1	MF09-228S1	696447	5555158	205.7	3.9	2.8
MF09229-S1	MF09-229S1	696391	5555429	191.9	9.6	1.4
MF09229-S2	MF09-229S2	696391	5555429	205.1	12.4	0.9
MF09230-S1	MF09-230S1	696383	5555462	180.2	7	2.1
MF09232-S1	MF09-232S1	696535	5556717	261	7.1	1
MF09A200-S	MF09-A200S	696348	5555906	181	5.4	1.9
MF09A201-S	MF09-A201S	696348	5555898	176.1	6.2	0.6
MF09A203-S	MF09-A203S	696357	5555953	301.7	5.7	0.6
MF09A204-S	MF09-A204S	696319	5556044	79.8	2.3	0.7
MF09A205-S	MF09-A205S	696308	5556049	256.7	18.5	0.25
MF09A206-S	MF09-A206S	696253	5556120	138.5	3.6	1
MF09A209-S	MF09-A209S	696044	5555984	95.8	14.3	1.4
MF09A210-S	MF09-A210S	695900	5555952	41.4	2.8	1.3
MF09A218-S	MF09-A218S	696627	5556701	336.3	7	1.7
MF09A223-S	MF09-A223S	696615	5556898	260.7	3.1	1
MF09A228-S	MF09228S	696565	5556835	215.9	4.6	1.6
MF09A240-S	MF09A240S	695467	5552703	274.3	1.7	1.1
MF09A243-S	MF09-A243S	695446	5552866	174.5	2.2	0.6
MF09A244-S	MF09-A244S	695445	5552909	184.1	7.9	0.25
MF09A246-S	MF09-A246S	695467	5553034	136	1.8	2.7
MF09A247-S	MF09-A247S	695470	5553073	187.2	1.2	0.7
MF09A248-S	MF09-A248S	695479	5553105	219.5	5	0.25
MF09A252-S	MF09-A252S	695528	5554326	61.6	0.7	0.25
MF09270-S	MF09-270S	695481	5553100	204.2	3.1	1.3
MF09272-S	MF09-272S	695519	5553239	223.1	4	4.9
MF09274-S	MF09-274S	695570	5553370	212	6	0.5
MF09275-S	MF09-275S	695577	5553414	376.3	4.6	0.25
MF09277-S	MF09-277S	695533	5553635	362.3	8.6	2
MF09278-S	MF09-278S	695523	5553697	349.1	5.3	1.2
MF09279-S	MF09-279S	695555	5553780	157.6	2.1	1
MF09280-S	MF09-280S	695577	5553944	174.8	2.1	1.1
MF09281-S	MF09-281S	695596	5553972	151.7	1.4	0.25
MF09282-S	MF09-282S	695599	5553965	211.7	3.9	0.8
MF09284-S	MF09-284S	695622	5554066	100.1	2.4	0.9
MF09285-S	MF09-285S	695656	5554169	185.8	2.1	2
MF09290-S	MF09-290S	695753	5554611	108.5	2.9	0.8
MF09292-S	MF09-292S	695847	5555105	135.9	3	0.25
MF09304-S	MF09-304S	696556	5554785	235.1	11.5	4.3
MF09311-S	MF09-311S	695929	5556089	195.1	21.1	0.9
MF09312-S	MF09-312S	695935	5556113	242.5	35.9	0.8
MF09313-S	MF09-313S	695890	5556292	73	3.5	0.25
MF09315-S	MF09-315S	695881	5556384	43.2	2.2	0.25
MF09318-S	MF09-318S	695947	5556734	67.9	13.9	0.25

Table A1-4 Stream Sediments (silts) (3/3)

SampleID	LabSampleID	NAD83E	NAD83N	Cu_ppm	Au_ppb	Se_ppm
MF09319-S	MF09-319S	695848	5556918	59.1	1.4	0.25
MF09324-S	MF09-324S	695779	5557163	85.2	9.9	1.3
MF09329-S	MF09-329S	696551	5555133	107.3	3	0.7
51426	51426	695476	5552670	239.7	12.9	1.3
51428	51428	695476	5552670	229.9	1.9	0.9
RF09-063A	RF09-063A	696857	5554997	185.4	5.9	2
RF09-046	RF09-046	697715	5554286	284.8	3.9	1.5
RF09-055	RF09-055	695577	5555764	242.4	60.6	1.6
RF09-058A	RF09-058A	695208	5555641	233.4	7.3	1.2
RF09-061	RF09-061	694900	5555445	308.9	11	1
RF09-063B	RF09-063B	695796	5556121	197	14.3	1.2
RF09-065	RF09-065	697151	5554960	173.8	0.25	1.5
RF09-069	RF09-069	696620	5554780	205.1	32.3	3
MF09-309S	MF09-309S	695859	5555564	86.1	4	0.5
AF09101S	AF09101S	697335	5554667	153.9	4.1	1.8
AF09102S	AF09102S	697581	5554586	162.6	6.2	0.8
AF09103S	AF09103S	697659	5554643	160.5	11.8	0.5
AF09104S	AF09104S	697684	5554651	192.2	13.7	0.7
AF09106S	AF09106S	697740	5554777	228.2	93.1	0.7
AF09108S	AF09108S	697453	5554676	139.9	0.8	1.9
SF09102	SF09102	697180	5556135	140.8	4.2	1.1
SF09103	SF09103	697574	5555910	301.8	6.2	0.25
SF09104	SF09104	697568	5555905	254.2	6.9	1.3
SF09113	SF09113	695936	5554412	196.3	3.1	0.9
SF09114	SF09114	696579	5554758	32.3	1.2	0.25
SF09125	SF09125	695681	5553798	192.7	4.4	0.6
SF09130	SF09130	697447	5554635	153.9	13.3	0.8
SF09136	SF09136SILT	696587	5554775	202	5.3	1.8
SF09146	SF09146	696053	5556634	126.9	9.3	1.2
MF09104	MF09104SILT	696576	5555005	113.6	2.8	1.3
MF09105	MF09105SILT	696523	5555289	171.7	11.1	1.3
MF09106	MF09106SILT	696532	5555322	160.5	3.6	1.2
MF09107	MF09107SILT	696396	5555434	156.6	11	1.1
MF09108	MF09108SILT	696432	5555051	82	2.9	1.7



Projection/Datum: UTM 9(N) NAD83 scale: 1:10000 0 — 1000 m	**THE FLAN PROJECT** **October 2010**	**Figure 15** **Copper & Gold in Silt, numeric values**

Appendix B-Petrographic descriptions of selected samples

Index to specimens

Locations of sections on Figure 4, using the lab designation, to make the map presentation more legible, a translation table is provided below.

Table to assist in joining lab and field names.

Field number	Lab number	Type
MF09-243	s1	Thin section
MF09-249	s2	Thin section
MF09 281	s3	Thin section
MF09 290r2	s4	Thin section
MF09 312	s5	Thin section
MF09 JPS E A	s6	Thin section
RF09-900g	s7	Thin section
RF09 076	s8	Thin section
BF09 048	s9	Thin section
BF09 052	s10	Thin section
MF09 217	s11	Thin section
MF09 312	s12	Thin section
MF09 jps 11	s13	Thin section
MF09 jps 07	s14	Thin section
MF09 jps 04	s15	Thin section
MF09 jps hg1	s16	Thin section
MF09 jps hg2	s17	Thin section
MF09 jps e-b	s18	Thin section
RF09 073B	s19	Thin section

Field number	Lab number	Type
RF09 074	s20	Thin section
RF09 074w	s21	Thin section
RF09 077	s22	Thin section
af09 003b	s23	Thin section
MF09-049	s24	Thin section
BF09 042	s25	Thin section
BF09 047	s26	Thin section
BF09 047 `	s26ps	Thin section
MF09 jps11	s27	Thin section
MF09 jps 07	s28	Thin section
MF09 jps 04	s29	Thin section
RF09 074	s30 ps	Thin section
RF09 074	s30	Thin section
RF09 077	s31	Thin section
AF09 101R	ab1	Thin section
RF09 114	ab2	Thin section
RF09 116C	ab3	Thin section
RF09 116D	ab4	Thin section
RF09 120	ab5	Thin section
RF09 128	ab6	Thin section
RF09 116A	ab7	Thin section
FL10 rp02	ab8	Thin section

Descriptions are arranged by units:

Weathered/gossanous samples

MF09-312RW rusty breccia with quartz fragments and limonite matrix

MF09-312R (S5) rusty breccia with quartz fragments and limonite matrix

Mineralization and high strain rocks

AF09-003B, massive sulphide sample (float)

BF09-044, mainly chalcopyrite

BF09-049 brecciated and mineralized 2 mica granite

BF09-052 brecciated and mineralized 2 mica granite

MF09JPS-HG1 mineralized breccia

MF09JPS-HG2 mineralized breccia

MF09JPS-04 (S15) brecciated and mineralized 2 mica granite

MF09JPS-04 (S29) brecciated and mineralized 2 mica granite

MF09JPS-07 (S14) brecciated and mineralized 2 mica granite

MF09JPS-07 (S-28) brecciated and mineralized 2 mica granite

MF09JPS-11 (S-27) brecciated and mineralized 2 mica granite

MF09JPS-11 (S13) brecciated and mineralized 2 mica granite

MF09JPS-E-8 (S18) Veined mineralized 2 mica granite

MF09-290 mainly vein in 2 mica granite host rock

RF09-073B, chloritic veined and mineralized 2 mica granite

RF09-074W, quartz veined and locally mineralized 2 mica granite

RF09-074, heavily mineralized 2 mica granite

RF09-074 (S30), black pyritic laminated fault gouge

RF09-077 brecciated and mineralized 2 mica granite

RF09-116D, quartz veined and locally mineralized 2 mica granite

RF09-116C, locally mineralized and brecciated 2 mica granite

RF09-116B, black pyritic laminated fault gouge

Late porphyry

MF09-249 Feldspar porphyry with light grey matrix (TS)

Two mica granite

BF09-042, chloritic 2 mica granite

BF09-048, chloritic 2 mica granite

MF09JPS-E-A 2 mica granite

MF09-243 argillic 2 mica granite 9ts0

RF09-076, chloritic 2 mica granite

RF09-077, chloritic 2 mica granite

RF09-114, chloritic 2 mica granite

RF09-800, chloritic 2 mica granite

FL10-RP02, quartz veined 2 mica granite

Hornblende-biotite granodiorite

AF09101R Hornblende-biotite granodiorite

RF09128 Hornblende-biotite granodiorite

Karmutsen Basalts

MF09-281 R unusual spherulites in basalt (TS)

Diabase

RF09-120 sulphide rich diabase

MF09-217-R-W altered diabase

THIN SECTIONS

Sample Number MF09-312RW (s5) UTME 695935 UTMN 5556113

Rock Name

A piece of float of gossanous rusty breccia with quartz fragments set in limonite matrix

Hand Specimen Description:

gossanous rusty breccia with quartz fragments set in limonite matrix

non Magnetic, noncarbonate, nonconductive,

Thin Section Descriptions

Mineralogy

Quartz as cm sized fragments and in seriate manner down to exceedingly fine grains. The finer grains fill in around the larger grains.

Limonite of several generations. Some pseudomorph laths of cubes, other are present as a loose conglomeration of several colours of limonite ranging from almost black to light brown. The limonite has replaced in situ sulphides and also spread along fracture surfaces.

Texture

Breccia

Structure

a weathered fragment from a mineralized fault zone

Sample Number AF09-003B, UTME 696558 UTMN 5554966

Rock Name

massive sulphide sample (float)

Hand Specimen Description: Black, metallic luster sulphide mass with local dark silicate masses. Magnetic response (½ of 5), non carbonated, sporadically conductive, density 3.22,

Thin Section Descriptions

Fragment

The fragments consist of Feldspar laths(Plagioclase?), highly altered to chlorite and clay, quartz, local dark masses of opague dust pseudomorphing dark silicate minerals, cut by internal veins of chlorite and locally shows patches of quartz

Sulphide matrix

Mainly pyrite is intergrown with abundant chalcopyrite which is locally spotted with small grains of sphalerite. Very small grains of lower relief than chalcopyrite and of a yellow as well as others of a more greyish silvery colour have been noted. It is highly recommended that this specimen be surveyed with a microprobe.

Later microveinlets

Veinlets of abundant black powdery material (Sooty chalcocite?) is mixed in with limonite and scarce patches of malachite

Texture

Fragmental, about 30% fragments of altered diabase material, rest [s sulphides and altered sulphides. This texture probably a tectonic one developed in a fracture zone.

Structure

The fragmental structure is tectonic, developed in a fracture zone. Cut by abundant

later microveinlets (a result of later weathering?)

Sample Number BF09-047, UTME 696570 UTMN 5554789

Rock Name

in situ Chalcopyrite sample

Hand Specimen Description: mainly a piece of chalcopyrite, sampled to check for vg.

nonmagnetic response, noncarbonated, local sporadic conductivity

Thin Section Descriptions (Polished section, very thick)

Mineralogy

Mainly intergrown chalcopyrite and Pyrite

Sphalerite locally present in sulphide mass.

minor chlorite quartz fill with local sphalerite.

Texture

Chalcopyrite usually intergrown with pyrite but also shows crystal face development against the earlier finer grained minerals Massive pyrite cut by veins, recrystallized, new pyrite cubes have formed against older broken and comminuted sphalerite chlorite quartz vein fills.. Sphalerite also coexists as small domains in contact with pyrite and chalcopyrite

Structure

Recrystallized bleb of sulphides developing after earlier mineralization probably associated with faulting

Sample Number BF09-049 UTME 696570 UTMN 5554789

Rock Name

brecciated and mineralized 2 mica granite

Hand Specimen Description: Shattered granite with local mm sized patches of chalcopyrite and blebs of broken quartz veins

nonmagnetic, noncarbonated, nonconductive,

Thinsection

Host rock

Host is white two mica granite which fills about 2/3 of the slide in various angular fragments. Quartz is locally strained and fine grained in matrix Plagioclase is largely obscured by a brownish fine grained mix of clay, illite and sericite. Sericite is locally common. Biotite is now replaced by chlorite and some clay.

Matrix

About a quarter of the slide is black composed of chlorite rich quartz and local epidote set with few percent very small specks of pyrite and chalcopyrite. The chlorite is finely crystalline and makes the rock matrix black.

Sulphide blebs are mainly grains of mm sized pyrite and/or chalcopyrite with small speckles of sphalerite and smaller cubes of galena. Cut thin sphalerite vein. Some larger grains to 5mm

Texture

Clasts of granite in a chlorite rich matrix..

Structures

Main rock, is brecciated, broken quartz rich areas, with broken quartz veins and minor sulphides

Sample Number BF09-052 UTME 696538 UTMN 5554850

Rock Name

brecciated and mineralized 2 mica granite

Hand Specimen Description: Quartzose and chloritic granite with blebs of cm sized sulphides

nonmagnetic, noncarbonated, density 2.64,

Thin Section Descriptions

Mineralogy

Quartz, larger crystals 1 to 4 mm, locally strained fine grained in matrix, also as disrupted veins

Plagioclase, local is largely obscured by a brownish fine grained mix of clay, illite and sericite.

Muscovite and biotite inter-growths are intimately associated with abundant chlorite. Flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of a cluster with biotite.

Chlorite both acts interstitial fill and as host to the sulphide blebs.

Sulphide consists mainly of intergrown pyrite and chalcopyrite in cm sized blebs, limonite has degraded some. Local small sphalerite specks are noted.

Texture

Relic granitic texture, modified by crushing and strongly veined

Structures

Main rock, massive, but showing tectonic modification,

Veins both disrupted and planar of quartz with associated chlorite and sulphide cut rock.

Degree of Alteration

The local presence of degraded biotite as well as the chlorite and muscovite inter-growths indicate a phyllic alteration.

Sample Number MF09JPS-HG1 UTME 696579 UTMN 5554739

Rock Name

mineralized breccia

Hand Specimen Description:

Half the rock is granitic fragments set in brecciated matrix rich crush rock the other is quartz rich

nonmagnetic, noncarbonated, nonconductive, density 2.73,

Thin Section Descriptions

Mineralogy

Quartz cm and small grains and finer grain in matrix,

abundant decussate chlorite locally intergrown with sericite and cut by veins of later chlorite, epidote and opaques

trace pyrite in noted in irregular blebs with veins.

Texture Largely Recrystallized into unstrained mode

Structure

Brecciated, mafic minerals converted to chlorite

Veins Chlorite quartz epidote veins with small amounts of opaques, and local limonite stain

Alteration is indicative of a phyllic phase of alteration

Sample Number MF09JPS-HG2 UTME 696579 UTMN 5554739

Rock Name

mineralized breccia

Hand Specimen Description:

one fifth of the rock is granitic fragments set in brecciated dark matrix and up to 25%, with cm sized blebs of sulphides

nonmagnetic, noncarbonated, density 2.73,

Thin Section Descriptions

Mineralogy

Abundant decussate chlorite locally intergrown with sericite and cut by veins of later chlorite, epidote and opaques

Epidote in small grains and lower abundance with chlorite

Quartz in small cm and small grains and finer grain in matrix,

sulphides include abundant pyrite and less abundant chalcopyrite, sulphide faces are well developed at interface with host. Sulphides include small fragments of quartz

Sprays of thin .5 mm sized plates of hematite? Are associated with edges of the sulphide blebs.

Texture Largely Recrystallized

Structure

Brecciated, mafic minerals converted to chlorite

Veins Chlorite quartz epidote veins both with well developed sulphide crystal faces and cutting same, and also local limonite stain

Sample Number MF09JPS-04 (S15) UTME 696579 UTMN 5554739

Rock Name

brecciated and mineralized 2 mica granite

Hand Specimen Description:

A heavily brecciated and veined two mica granite. The matrix fills in between fragments that have been shattered but not milled and constitutes more than 50%.

nonmagnetic, noncarbonated

Thin Section Descriptions

Mineralogy

Country rock

Mainly quartz with locally strained crystals and fine grained in matrix and veinlets, along with altered plagioclase, largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and in albite veinlets. muscovite replace parts of microcline.

Breccia matrix

Mainly chlorite, fine grained and decussate, among the fragments. Local patches of chlorite intergrown with sericite, also patches of protomylonitc texture developed, intermixes with country rock and breccia matrix. opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Breccia with internal foliation showing in discrete grains.

Structures

Breccia, probably a shatter breccia, although with local evidence of tectonic milling in the form of relic protomylonite.

Major veins chlorite veins with very minor epidote and few opague flakes.

Degree of Alteration

The alteration is local and represents a phyllic alteration. Sericite is after "igneous" grains and in part secondary after orthoclase. .

Sample Number MF09JPS-04 (S29) , UTME 696679 UTMN 5554739

Rock Name

brecciated and mineralized 2 mica granite

Hand Specimen Description:

A heavily brecciated and veined two mica granite. The matrix fills in between fragments that have been shattered but not milled and constitutes about 45%.

nonmagnetic, noncarbonated

Thin Section Descriptions (A very thick section)

Mineralogy

Country rock

Mainly quartz with locally strained crystals and fine grained in matrix and veinlets, along with altered plagioclase, largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and in albite veinlets. muscovite replace parts of microcline.

Breccia matrix

Mainly chlorite, fine grained and decussate, among the fragments. Local patches of chlorite intergrown with sericite, also patches of protomylonitc texture developed in mixes of country rock and breccia matrix. opaques are present as scattered grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Sulphides are mainly 1mm sized sphalerite with very small inclusions of chalcopyrite and galena along regular patterns in sphalerite

Texture

Breccia

Sulphides are small sphalerite blebs with chalcopyrite and galena ex-solution textures

Structures

Breccia, probably a shatter breccia,

Degree of Alteration

The alteration is local and represents a phyllic alteration. Sericite is mainly secondary and is part of a chlorite and muscovite alteration phase.

Sample Number MF09JPS-07 (S14) UTME 696579 UTMN 5554739

Rock Name

brecciated and mineralized 2 mica granite

Hand Specimen Description:

A brecciated and veined two mica granite. The matrix fills in between fragments that have been shattered and milled and constitutes less than 7%.

nonmagnetic, noncarbonated, density 2.79,

Thin Section Descriptions

Mineralogy

Country rock

Mainly quartz with locally strained crystals and fine grained in matrix and veinlets, along with altered plagioclase, largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and in albite veinlets. muscovite replace parts of microcline. Relic biotite marked by leucoxene and chlorite. Parts of the rock are well foliated, marked by sericite foliation developed in quartz.

Breccia matrix

Chlorite, fine grained and decussate, interstitial to fragments. Local patches of chlorite intergrown with sericite, also patches of protomylonitc texture developed in between fragments of country rock and breccia matrix. Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

trace of sulphide grains, mainly pyrite, mainly later, usually with chlorite

Texture

Early foliated zone could be a slip plane of fault associated with protomylonite

Structures

Breccia, probably a shatter breccia, although local evidence of tectonic milling in the form of relic protomylonite and a shear surface.

Major veins chlorite epidote opague veins cut the foliation.

Degree of Alteration

The alteration is local and represents a phyllic alteration. Sericite is after "igneous" grains and in part secondary after orthoclase.

.

Sample Number MF09JPS-07 (S28) UTME 696579 UTMN 5554739

Rock Name

brecciated and mineralized 2 mica granite

Hand Specimen Description:

A heavily brecciated and veined two mica granite. The matrix fills in between fragments that have been shattered but not milled and constitutes about 45%.

nonmagnetic, noncarbonated

Thin Section Descriptions (A very thick section)

Mineralogy

Country rock

Mainly quartz with locally strained crystals and fine grained in matrix and veinlets, along with altered plagioclase, largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and in albite veinlets. Muscovite replace parts of microcline.

Breccia matrix

Mainly sericite, fine grained and merged with clay, among the fragments and quartz. Local patches of chlorite intergrown with sericite also patches of protomylonitc texture developed in mm sizes of country rock and breccia matrix. opaques are present as scattered grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Trace Sulphides are mainly 0.1mm sized blebs of sphalerite and chalcopyrite

Texture

Breccia

Sulphides are small blebs in chlorite rich veins

Structures

Breccia, probably a shatter breccia,

Degree of Alteration

The alteration is local and represents a phyllic alteration. Sericite is mainly secondary and is part of a chlorite and muscovite alteration. phase

Sample Number MF09JPS-11 (S-27) UTME 696579 UTMN 5554739

Rock Name

brecciated and mineralized leuco granite accounting for half the slide, with sulphides rand chlorite matrix rimming fragments

Hand Specimen Description:

nonmagnetic, noncarbonated, density 2.77,

Thin Section Descriptions

Mineralogy

Fragments are mainly a mix of mylonitic/foliated quartz, altered feldspar and disrupted fragments of granite, Sericite forms the majority of the fragments,

Breccia matrix is sulphide blebs in chlorite rich matrix. Sulphides include sphalerite with ex-solved blebs of chalcopyrite and galena

Texture

Brecciated and disrupted granitic or mylonitic fabric

Structures

Main rock, including an early mylonite, shattered

Major veins of later chlorite with and without sulphide blebs.

Degree of Alteration

The alteration is local and the chlorite and muscovite/sericite alteration represents phyllic alteration.

Sample Number MF09JPS-11 (S13) UTME 696579 UTMN 5554739

Rock Name

brecciated and mineralized 2 mica granite

Hand Specimen Description:Shattered granite with quartz veins and matrix with abundant sulphides nonmagnetic, noncarbonated, density 2.62,

Thin Section Descriptions

Mineralogy

Fragments are mainly a mix of mylonitic/foliated quartz, clay altered feldspar and disrupted fragments of granite, Sericite forms the majority of the fragments, Chlorite is common in fragments as well as small stringers cutting across sericite foliation that has been disrupted by brecciation.

Breccia matrix is sulphide blebs in chlorite rich matrix.

8% Sulphides include mm sized and smaller sphalerite with ex solved blebs of chalcopyrite and galena. The sphalerite has a “measles texture. Local small blebs of isolated chalcopyrite are also common.

Texture

Local patches of chlorite intergrown with sericite also patches of protomylonitc texture developed in mm sixes of country rock and breccia matrix

Structures

Main rock, Breccia with a massive aspect

Degree of Alteration

The alteration is local and represents a phyllic alteration. Muscovite is in part “igneous” and in part secondary and part of the chlorite and muscovite alteration.

Sample Number MF09JPS-E-A/8 (S18) UTME 696579 UTMN 5554739

Rock Name

Veined mineralized 2 mica granite

Hand Specimen Description: Rusty 2 mica granite with ¼ of TS as sulphide vein,

nonmagnetic, carbonated, density 2.84,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained
fine grained in matrix , local crush zones

Plagioclase, larger (2-4 mm) well formed crystals with normal zoning, the core is largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as an albite rim around earlier crystals. Many crystals bent and crushed

Potash feldspar, largely replaced by sericite, but a few are seen, bent and only partially replaced by muscovite

Minor

Muscovite Flakes are both large (original) and small sericite masses as secondary replacement and as parts of a cluster with biotite.

Biotite Relict parts of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite.

Accessory

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Granitic, partially deformed, thin crush zones outline less deformed areas of felsic minerals, the crush zones contain quartz and sericite..

Structures

Main rock, is a rock within the damage zone of a fault subjected to an episode of sericite alteration

Major veins CM thick vein of mainly pyrite with local quartz chlorite matrix. The selvage contains chlorite and quartz and locally, sphalerite and small grains of galena. The selvage is best developed near cracks and grain boundaries with a cm or so of the vein

Sample Number MF09-290 UTME 695753 UTMN 5554611

Rock Name

mainly a quartz vein in 2 mica granite host rock

Hand Specimen Description:

Shear zone with well developed shear planes. Of interest is that the rock comes from an area in which molybdenite rains have been noted as accessory to the host rock.

nonmagnetic, noncarbonated

Thin Section Descriptions

Country Rock (a corner of the section)

Mineralogy

Quartz, locally strained and fine grained in matrix, with a few plagioclase crystals with normal zoning, the core is largely obscured by a brownish fine grained mix of clay, illite and sericite.

Also as small patches in matrix and as an albite rim around earlier crystals and minor potash feldspar, largely gridded microcline, as occasional poorly formed larger crystals, more generally in the fine grained matrix mixed with quartz and albite. Minor Muscovite Flakes of a cluster with biotite.

Vein

Mainly seriate quartz fragments, and clay altered plagioclase fragments set in yellow stained clay rich matrix (limonite or ferrimolybdite??)

Texture

Host rock is Granitic, Shear zone shows granitic mineral grains diminished by tectonic action. I.e. protomylonitic textures. Local thin plates of extreme fine grain indicate slip surfaces.

Structures

Main rock is part of a section of a shear zone Fragments are locally of protomylonite, there are also local void spaces .

Major veins are noted with a very fine black dust. The veins are also stained yellow.

Sample Number RF09-073B, UTME 696570 UTMN 5554789

Rock Name

chloritic veined and mineralized 2 mica granite

Hand Specimen Description:

Quartz vein with chlorite selvage and sulphide (20%) cuts sheared granite

nonmagnetic, noncarbonated,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained and with crushed edges, also as quartz vein and selvage. Plagioclase, larger crystals are largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as an albite rim around earlier crystals. Potash feldspar, is present in small quantities but mainly replaced by sericite and local chlorite largely gridded microcline, as occasional poorly formed larger crystals, more generally in the fine grained matrix mixed with quartz and albite

Muscovite/sericite flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of a cluster with biotite as well as along shear planes. Biotite Relict parts of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite. Chlorite is common and forms much of the matrix,

Texture

Granitic, with clusters of biotite-muscovite-opagues and monazite scattered irregularly through out the inter grown larger crystals and ground-mass Quartz and plagioclase have a tendency to be seriate. Rock has been crushed and recrystallized somewhat.

Structures

Main rock, sheared and quartzose, but massive appearance.

Major veins Abundant Sulphides, mainly pyrite but local chalcopyrite noted and pyrite in veins

Sample Number RF09-074, (S20) UTME 696570 UTMN 5554789

Rock Name

heavily mineralized black phyllonite

Hand Specimen Description:

Black finer grained phyllonite with pyrite veins

nonmagnetic, noncarbonate,

Thin Section Descriptions

Major Chlorite forms the majority of this rock, mainly as defining a foliation but also as cross cutting patches. Less foliated areas are augen shaped, In some layers chlorite is interlayered with semi opague clay particles. In a few examples these clay streams widen out to show altered feldspar fragments.

Minor Sprinkled through out the chlorite are small opague grains and along selected folia cubes of pyrite are strung out along the foliation. Some of the pyrite grains are rounded and granulated others show cubic faces. There is possibly a very small amount of pyrrhotite in these rocks. Possibly, exceedingly small flakes of graphite are also along certain folia.

Texture

Phyllonitic, augen shaped pods of feldspar and quartz in chlorite schist

Structures

Main rock, schistose, with pyrite veinlets. It is a near the edge of a complicated fault zone.

Major veins pyrite cubes along shear planes

Microscopic veins later of limonite and degraded pyrite

Sample Number RF09-074 (S30), UTME 696570 UTMN 5554789

Rock Name

Black pyritic laminated fault gouge

Hand Specimen Description: black pyritic laminated fault gouge showing folded and lenticular pods of pyrite

nonmagnetic, noncarbonated,

Thin Section Descriptions (very thick)

Mineralogy

pyrite in larger pods in foliation estimate 15%

matrix largely of abundant foliated chlorite, minor lenses of quartz and flakes of an opague (possibly graphite?)

Texture

foliated Structure

lenticular shaped pods of chlorite, altered feldspar and quartz, with micro-fold structures developed with pyrite

Veins several generations of cross cutting veins of quartz chlorite and minor epidote and decussate chlorite

Sample Number RF09-074A-W, UTME 696570 UTMN 5554789

Rock Name

quartz veined and locally mineralized 2 mica granite

Hand Specimen Description:

nonmagnetic, noncarbonate, density 2.80,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained and crushed Fine grained in matrix. Plagioclase largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as recrystallized crush zone of albite rim around earlier crystals. Potash feldspar, generally reduced to sericite and chlorite in the fine grained matrix mixed with quartz and albite

Minor; Muscovite Flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of a cluster with biotite. Relict parts of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite.

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Monazite, scarce grains of high refractive index, high birefringence are located in the biotic-muscovite-opague clusters.

Texture

Granitic, crushed, with lenses and veins of chlorite.

Sample Number RF09-077 UTME 696604 UTMN 5554783

Rock Name

dark brecciated and mineralized 2 mica granite

Hand Specimen Description: quartzose dark granitic rock with thin local veins, local patches of clay rich areas?

nonmagnetic, noncarbonated, density 2.73,

Thin Section Descriptions

Mineralogy

Quartz, larger crystals 1 to 4 mm, locally strained and sutured, also fine grained in matrix. Plagioclase, obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as an albite rim around earlier crystals. Potash feldspar, largely replaced by sericite. Muscovite is at edges of framework minerals, as replacement of cores of central parts of feldspars and in crush zone/veins. Relict parts of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite. Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Granitic, with clusters of biotite-muscovite-opagues scattered irregularly through out the inter grown larger crystals and ground-mass

Structures

Main rock, crushed, but massive

Major veins are chlorite, epidote and sulphide, mainly pyrite

Two mica granite

Sample Number RF09-116D, UTME 696585 UTMN 5554785

Rock Name

quartz veined and locally mineralized 2 mica granite

Hand Specimen Description:V light coloured vein cutting crushed and healed granite

Nonmagnetic, noncarbonated, nonconductive, density 2.76,

Thin Section Descriptions

Mineralogy

Host rock is crushed muscovite granite with chlorite after biotite, Grains are deformed and rimmed by very fine grained quartz and albite.

Vein is largely a mass of closely crystallized epidote (,2mm) with local mm sized ovoids of decussate chlorite replacing a former mineral. Veins has shear surface and quartz along these.

Texture

Granitic, with superposed crush features on larger grains

Structures

Main rock, sheared and veined

Major veins is epidote, relatively scarce in this general region. Vein also contained chlorite associated with limonite after a sulphide bleb.

Sample Number RF09-116C, UTME 696585 UTMN 5554785

Rock Name

locally mineralized and brecciated 2 mica granite in shear zone

Hand Specimen Description: A dark, quartzose rock with chlorite rich parts.

nonmagnetic, noncarbonated, nonconductive, density 2.85,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained, and diminished in size in a seriate way. Most of the quartz is exceedingly fine grained.

Relic domains of Plagioclase, are marked by clay rims and extensive recrystallization into quartz and albite and possibly potash feldspar

Chlorite patches may mark previous mica

Texture

Protomylonitic, with grains of protomylonitee rotated in a new set of protomylonite, local grains have foliation,

Structures

Main rock, A Protomylonitic fault zone

Major veins early chlorite veins and breccia fill are cut by chlorite epidote veinlets, some opaques in latest veins

Sample Number RF09-116A, UTME 696585 UTMN 5554785

Rock Name

black pyritic laminated fault gouge

Hand Specimen Description: Section about half sulphide (pyrite) and host of black chlorite rich rock.

nonmagnetic, noncarbonated, density 3.10,

Thin Section Descriptions

Mineralogy

Pyrite 25% in finely crystalline bands in folded foliation. Layers are made by cubes and rounded fragments set in largely a foliated chlorite matrix

Majority of vein is chlorite in foliation and in veins cutting and deforming the foliation. .Relic feldspar act as tectonic nodules, most are plagioclase, albite, but at least on is a potash feldspar showing partial microcline twinning. In portions of slide chlorite and sericite are closely intergrown.

Texture Foliated, disrupted foliation, local mm sized feldspar augen

Structure Fault zone with complex history

Veins later slip zones have central veins; one shows a coating of limonite against chlorite, It could be argued that the pyrite layers are deformed veins with minor recrystallization to re-establish some new crystal edges,

Sample Number MF09-249 UTME 695497 UTMN 5553135

Rock Name

Quartz Feldspar porphyry with light grey matrix which was seen to cut a Karmutsen basalt in a Boulder, should be cropping out west of Schoen Creek

Hand Specimen Description:

Feldspar porphyry with light grey matrix, phenocrysts are a few mm across.

Non magnetic, noncarbonated, nonconductive, density 2.59,

Thin Section Descriptions

Mineralogy

Scarce Phenocrysts include deep golden brown biotite, square quartz crystal and plagioclase ans a clay altered prismatic minerals

Matrix is fine grained with interlocking feldspar laths and shreds of biotite set in matrix quartz.

Texture

Typical porphyritic texture

Structure massive

Sample Number BF09-042, UTME 696572 UTMN 5554744

Rock Name

chloritic 2 mica granite

Hand Specimen Description:Granite with mm spe4cks of sulphide (Chalcopyrite) and associated chlorite selvage patch.

noncarbonated

Thin Section Descriptions very thick section, difficult to identify silicates. However, fluid inclusions were locally noted

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained,fine grained in matrix

Plagioclase, larger (2-4 mm) well formed crystals with normal zoning, the core is largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as an albite rim around earlier crystals.

Potash feldspar, largely gridded microcline, as occasional poorly formed larger crystals, more generally in the fine grained matrix mixed with quartz and albite.

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite. Small blebs are of magnetite coated by pyrite and rimmed by leucoxene

Texture

Granitic, with disrupted fabric and local brecciation of fabric and grains.

Structures

Main rock, mildly shattered, massive

Sample Number BF09-048, UTME 696570 UTMN 5554789

Rock Name

Quartzose sericite altered granite or well broken quartz vein.

Hand Specimen Description:

A brown weathering quartzose mass with a hint of granitic texture

nonmagnetic, noncarbonated, nonconductive rock

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained, also fine grained in matrix
Sericite matrix replaces feldspars with small but well formed crystals, locally relic patches of chlorite after biotite, and some of the coarser grains of sericite are probably relict igneous muscovite

Texture

Relic quartz crystals set in seriate matrix of muscovite, sericite and white mica..

Structures

Main rock, massive, replaced by later minerals
Minor veins chlorite quartz with small pyrite cubes along the vein

Sample Number MF09JPS-E-A UTME 696579 UTMN 5554739

Rock Name

deformed quartzose 2 mica granite cut by later veins

Hand Specimen Description:brownish siliceous massive rock with a hint of relic granitic texture at one end

nonmagnetic, noncarbonated, density 2.85,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained also fine grained in matrix
Matrix largely replaced by seriate muscovite-sericite-white mica matrix. Local patches of plagioclase (albite) and possibly potash feldspar remain surrounded by sericite, Some of the larger grains of muscovite may be relic igneous, but the majority is part of a phyllic alteration.
Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Quartzose mica rock.

Structures

Main rock, massive with a poorly formed foliation, although locally protomylonitic texture remains

Major veins cut by an epidote vein with only local patches of chlorite .Later cross vein of quartz show well developed crystal faces of epidote.

Sample Number MF09JPS-E-A UTME 696579 UTMN 5554739

Rock Name

deformed quartzose 2 mica granite cut by later veins

Hand Specimen Description:brownish siliceous massive rock with a hint of relic granitic texture at one end

nonmagnetic, noncarbonated, density 2.85,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained , also fine grained in matrix
Matrix largely replaced by seriate muscovite-sericite-white mica matrix. Local patches of plagioclase (albite) and possibly potash feldspar remain surrounded by sericite, Some of the larger grains of muscovite may be relic igneous, but the majority is part of a phyllic alteration.
Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Quartzose mica rock.

Structures

Main rock, with a poorly formed foliation, with local protomylonitic texture remains
Major veins cut by an epidote vein with only local patches of chlorite .

Sample Number MF09-243 (S1) UTME 696496 UTMN 5554841

Rock Name

argillic 2 mica granite

Hand Specimen Description:

Granitic textured rock with grains several mm consisting of about 45% quartz, 20% soft chalky feldspar laths and 30 leucocratic matrix, with trace of small black specks

Non Magnetic, no carbonate, not conductivity, density 2.51,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 5 mm, locally strained
fine grained in matrix

Plagioclase, larger (2-4 mm) well formed crystals with normal zoning, the core is largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as an albite rim around earlier crystals.

Potash feldspar, largely gridded microcline, as occasional poorly formed larger crystals, more generally in the fine grained matrix mixed with quartz and albite

Minor

Muscovite Flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of a cluster with biotite.

Biotite Relict parts of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite.

Accessory

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite.

Texture

Granitic, with clusters of biotite-muscovite-opagues and monazite scattered irregularly through out the inter grown larger crystals and ground-mass Edges of crystals have been granulated and mica replaced them. Quartz and plagioclase have a tendency to be seriate.

Structures

Main rock, massive, locally crushed and healed

Veins of opaques (pyrite) and epidote are sparingly noted.

Sample Number RF09-076, UTME 696562 UTMN 5554777

Rock Name

chloritic 2 mica granite

Hand Specimen Description:beige granitic rock, quartz is grey glassy colour, and feldspars are of two kinds, one slightly whiter than the other, and small specks chlorite.

nonmagnetic, noncarbonate,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained
fine grained in matrix

Plagioclase, larger (2-4 mm) well formed crystals with normal zoning, the

core is largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as an albite rim around earlier crystals .One plagioclase shows a core partially replaced by pumpellyite!.

Potash feldspar, largely gridded microcline, as occasional poorly formed larger crystals, is largely replaced by sericite.

Minor

Muscovite Flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of a cluster with biotite.

Scarce Biotite Relict parts of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite.

Accessory

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Granitic, with clusters of biotite-muscovite-opagues and monazite scattered irregularly through out the inter grown larger crystals and ground-mass Quartz and plagioclase have a tendency to be seriate. Grains are rimmed by fine grained growth of quartz and albite.

Structures

Main rock, massive

Sample Number RF09-077, UTME 696604 UTMN 5554783

Rock Name

chloritic 2 mica granite

Hand Specimen Description:

Nonmagnetic, noncarbonate, nonconductive, density 2.69,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained
fine grained in matrix

Plagioclase, larger (2-4 mm) well formed crystals with normal zoning, the core is largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as an albite rim around earlier crystals.

Potash feldspar, largely gridded microcline, as occasional poorly formed larger crystals, more generally in the fine grained matrix mixed with quartz and albite. Large portions are replaced by sericite and lesser amounts of chlorite.

Minor

Muscovite Flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of a cluster with biotite. Larger grains are bent near veins.

Biotite Relict parts of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite.

Accessory

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Granitic, with clusters of biotite-muscovite-opagues. Larger crystals have finer grained rims and are locally set in sericite. Chlorite appears only locally.

Structures

Main rock, massive, but lightly crushed

Thin cross cutting veins of epidote and pyrite

Degree of Alteration

The alteration is local and represents a phyllic alteration. Muscovite is in part "igneous" and in part secondary and part of the chlorite and muscovite alteration.

Sample Number RF09-114, UTME 696585 UTMN 5554785

Rock Name

Sericitic 2 mica granite

Hand Specimen Description: granitic rock with 35% quartz, 50% feldspars 10% muscovite and 5% dark spots with grain size varies from 3 mm to 4 mm.

Not Magnetic, not carbonated, not conductivity.

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained
fine grained in matrix estimate 35%

Plagioclase, larger (2-4 mm) well formed crystals with normal zoning, the core is largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as an albite rim around earlier crystals. Estimate 50%

Potash feldspar, largely gridded microcline, as occasional poorly formed larger crystals, is partially replaced by by sericite, more generally in the fine grained matrix mixed with quartz and albite

Minor

Muscovite Flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of a cluster with biotite. Lots of sericite replaces potash feldspar..

Biotite Relict parts of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite.

Accessory

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Granitic, with clusters of biotite-muscovite-opagues and monazite scattered irregularly through out the inter grown larger crystals and ground-mass Quartz and plagioclase have a tendency to be seriate.

Structures

Main rock, massive partially recrystallized

Very thin Veins of quartz and sericite cross crystals

Sample Number RF09-900, UTME 696562 UTMN 5555641

Rock Name

One of the freshest 2 mica granite in this lot

Hand Specimen Description: grey quartz rich granite with scattered dark clots. Grains are generally about 3 mm.

Nonmagnetic, noncarbonate, nonconductive

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained
fine grained in matrix

Plagioclase, larger (2-4 mm) well formed crystals with normal zoning, the core is largely obscured by a brownish fine grained mix of clay, illite and sericite. Also as small patches in matrix and as an albite rim around earlier crystals.

Potash feldspar, largely gridded microcline, as occasional poorly formed larger crystals, more generally in the fine grained matrix mixed with quartz and albite

Minor

Muscovite Flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of a cluster with biotite. Some flakes are rimmed by a very fine grained opaque..

Biotite Relict parts of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite.

Accessory

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Monazite, scarce grains of high refractive index, high birefringence are located in the biotic-muscovite-opague clusters.

Texture

Granitic, with clusters of biotite-muscovite-opagues and monazite scattered irregularly through out the inter grown larger crystals and ground-mass Quartz and plagioclase have a tendency to be seriate.

Structures

Main rock, massive

A major vein of quartz traverse bottom fourth of slide. Has fluid inclusions.

Sample Number FL10-RP02, UTME 695753 UTMN 5554611

Rock Name

Two mica granite

Hand Specimen Description: Fresh looking granite, with small chlorite specks

Diamagnetic in outcrop, non magnetic in hand specimen, not carbonated, non conductive, density 2.57,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained and fine grained in matrix , Small quartz crystal growing inside larger feldspars. Estimate 35%

Plagioclase, larger (2-4 mm) well formed crystals with normal zoning, the core is largely obscured by a brownish fine grained mix of clay, illite and sericite. Albite twin extinction

angles and lower refractive index than quartz suggests plagioclase is largely albite. Also as small patches in matrix and as an albite rim around earlier crystals. Estimate 30%

Potash feldspar, largely gridded microcline, as occasional poorly formed larger crystals, more generally in the fine grained matrix mixed with quartz and albite 35%

Minor

Muscovite 2 to 3 mm flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of clusters with biotite. Also small small patches of white mica as alteration near crystal borders. Estimate 4%

Biotite 1 to 2mm Relict plates of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite. Estimate 1%

Accessory

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Granitic, with clusters of biotite-muscovite-opagues and monazite scattered irregularly through out the inter grown larger crystals and ground-mass Quartz and plagioclase have a tendency to be seriate.

Structures

Main rock, massive

Sample Number RF09128 UTME 696567 UTMN 5554820

Rock Name

2 mica granite

Hand Specimen Description:A dark quartzose granitic rock of medium grain.

nonmagnetic, noncarbonated, density 2.71,

Thin Section Descriptions

Mineralogy

Major

Quartz, larger crystals 1 to 4 mm, locally strained and fine grained in matrix , Small quartz crystal growing inside larger feldspars. Estimate 35%

Plagioclase, larger (2-4 mm) well formed crystals with normal zoning, the core is largely obscured by a brownish fine grained mix of clay, illite and sericite. Albite twin extinction angles and lower refractive index than quartz suggests plagioclase is largely albite. Also as small patches in matrix and as an albite rim around earlier crystals. Estimate 30%

Potash feldspar, largely gridded microcline, as occasional poorly formed larger crystals, more generally in the fine grained matrix mixed with quartz and albite. Large parts are replaced with sericite and chlorite.. Estimate 35%

Minor

Muscovite 2 to 3 mm flakes at edges of framework minerals, as replacement of cores of central parts of microcline, and as parts of clusters with biotite. Also small small patches of white mica as alteration near crystal borders. Local pod of epidote and small opaques Estimate 4%

Biotite 1 to 2mm Relict plates of brown to pale beige pleochroic biotite are more less completely altered to a fine grained mix of opague and green chlorite. Estimate 1%

Accessory

Opaques are present as small (.5 mm) grains, locally rimmed by leucoxene, and as secondary alteration dust in chlorite

Texture

Granitic, with clusters of biotite-muscovite-opagues and monazite scattered irregularly through out the inter grown larger crystals and ground-mass Quartz and plagioclase have a

tendency to be seriate.

Structures

Main rock, massive but partially recrystallized or showing strain shadows
Veins of chlorite and pumpellyite.

Sample Number MF09-281 R UTME 696369 UTMN 5555035

Rock Name

Float of Spherulitic basalt (Karmutsen?)

Hand Specimen Description: Spherulitic in a dark bluish fine grained matrix

nonmagnetic, noncarbonated

Thin Section Descriptions

Mineralogy

Small laths of plagioclase are set in a matrix of very fine grained albite, semi-opaque clay and quartz

A few of the structures are prisms of relic microporphyritic pyroxene

Texture Diabasic, spherulites appear to be amygdales containing later feldspar

Structure relatively massive

Veins rock is traversed by semi parallel quartz veins

Sample Number MF09-217-R-W UTME 696573 UTMN 5554968

Rock Name

dark aphanitic rock with a pyrite vein,is a recrystallized coarse diabase

Hand Specimen Description:

dark aphanitic rock with a pyrite vein

nonmagnetic, noncarbonated

Thin Section Descriptions

Mineralogy

larger 4 mm recrystallized plagioclase, locally replaced by sericite set in a matrix of abundant chlorite, some clay and sericite.

Texture diabasic laths set in a finer and recrystallized matrix

Structure massive, recrystallize

Veined by thin veins of limonite

Alteration of this diabase by sericite suggests that the hydrothermal system was in place when granite and diabase where adjacent.

Sample Number AF09-101R UTME 697335 UTMN 5554667

Rock Name

Hornblende-biotite granodiorite float from stock in hill above

Hand Specimen Description: granitic textured rock with grains about 1 mm or so. The colour index is about 25..Some feldspar laths are up to 3 mm. Dark minerals are biotite, hornblende and minor magnetite

Mildly Magnetic, not carbonated, not conductivity, density 2.83,

Thin Section Descriptions

Mineralogy

quartz interstitial

feldspar plagioclase, normal zoned, parts veined by albite, cores replaced by brownish clay and chlorite is locally adjacent to most severe alteration, Estimate 60%

orthoclase in between grains with quartz. Local poorly developed microcline grid twinning. Estimate 10%

biotite .5 to 1 mm plates of pleochroic beige to brown, locally replaced by chlorite and local prehnite lenses Estimate 20%

hornblende 1 mm twinned, pleochroic locally zoned brownish to khaki green, rims replaced by green chlorite Estimate 5%

magnetite/leucoxene, small cubes of magnetite? And surrounded by local leucoxene

Accessory brown high relief high birefringence

Texture

granitic

Structure

massive

Veins a thin vein with a very narrow selvage

Heberlein Report

Kim Heberlein
21146 Stonehouse Avenue
Maple Ridge, B.C.
Canada V2X 8L9
Tel: 778-228-5231
604-466-2087

Mikkel Schau
1007 Barkway Tce,
Brentwood Bay, BC
V8M 1A4

15 October 2009

Attn: Mikkel Schau
Re: Terraspec Spectral Analysis (KH138/Flan)

Terraspec spectral analysis was run on 7 grab samples. The results are addended to the previous PIMA analysis shown on the attached Excel spreadsheet. The spectral data are included in .sco format in the zip file. The quality of the spectral data was moderately good to excellent. Some noisy readings were probably due to a strong coating of Fe oxides. The spectral plots are shown below.

Alteration minerals found include zeolite, prehnite, chlorite, smectite, goethite, hematite, possible vermiculite, gypsum/anhydrite and probable silica (based on water feature). This is a similar assemblage to the PIMA analysis results, with the exception of the Fe-oxides (See Excel sheet).

Zeolites show only water features in the SWIR range and so individual species cannot be identified with any certainty. Silica also shows only water features and so is identified tentatively except where there is visual confirmation.

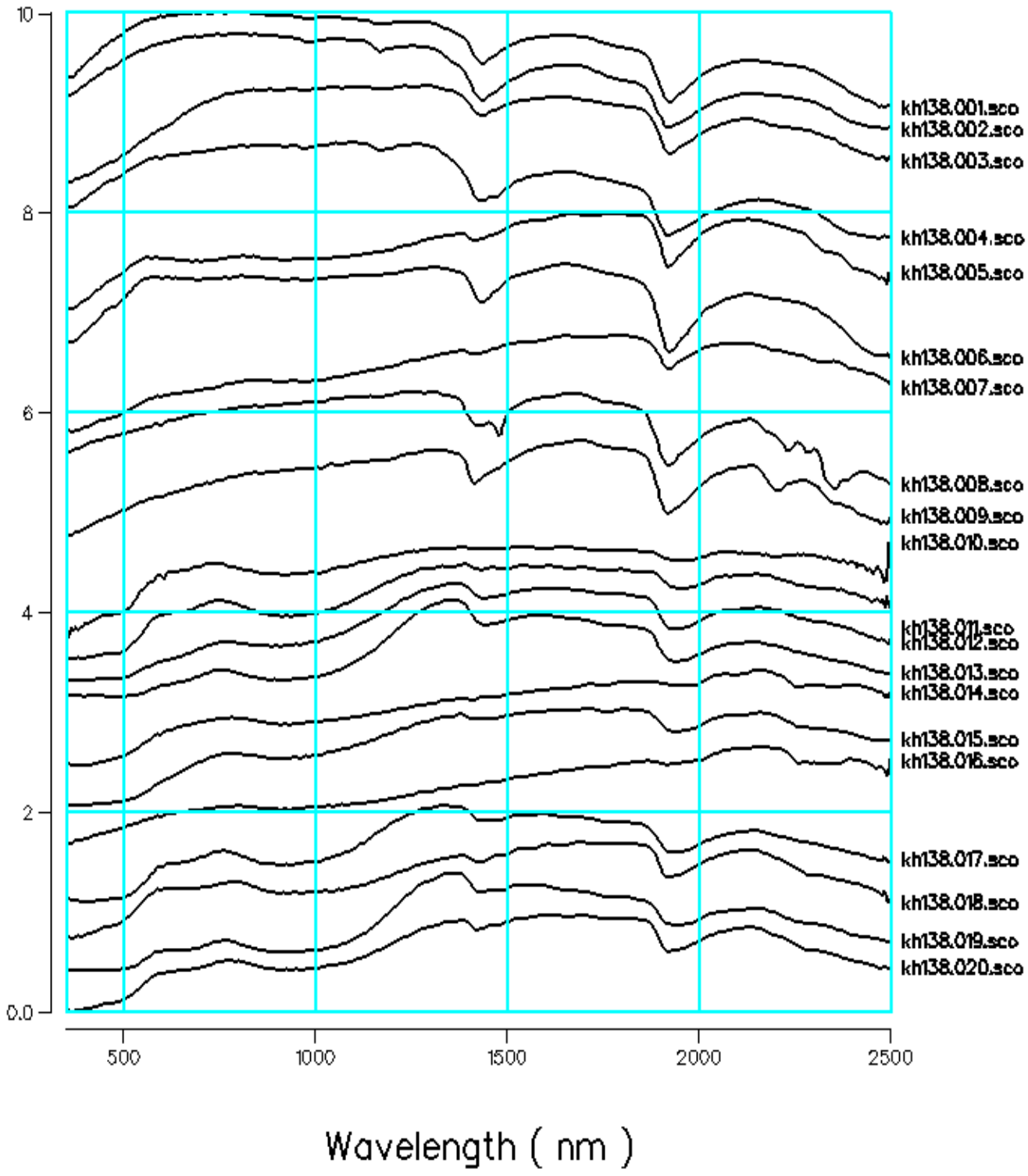
Smectites include montmorillonite and probable nontronite. In MF09-226 there is a small feature at 2324nm which would fit with either a Mg-smectite or vermiculite. Vermiculite is a slightly better match (see comparison plots below).

Chlorite is Fe-rich in composition.

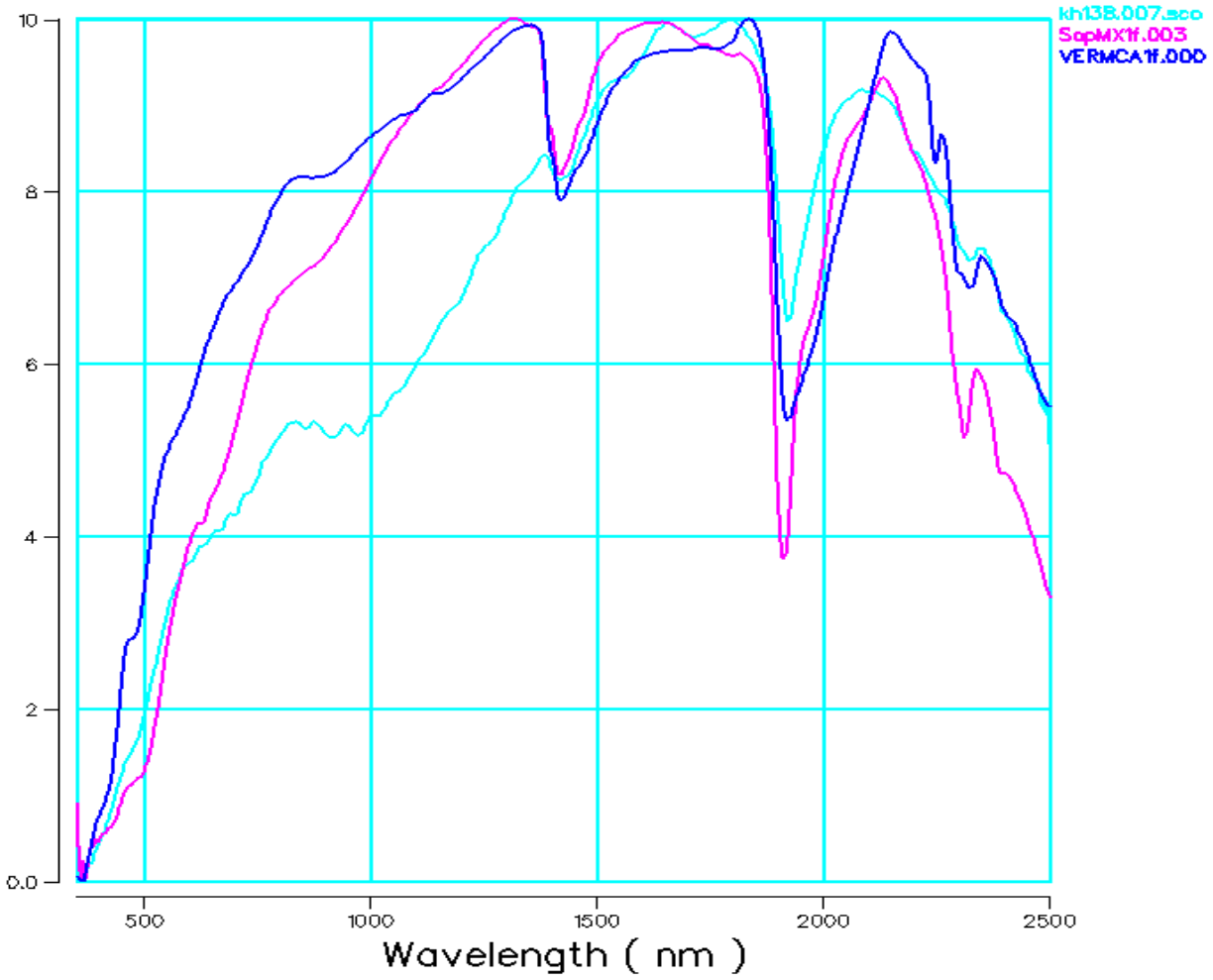
If you have any questions regarding the interpretation, please don't hesitate to contact me.

Yours truly,

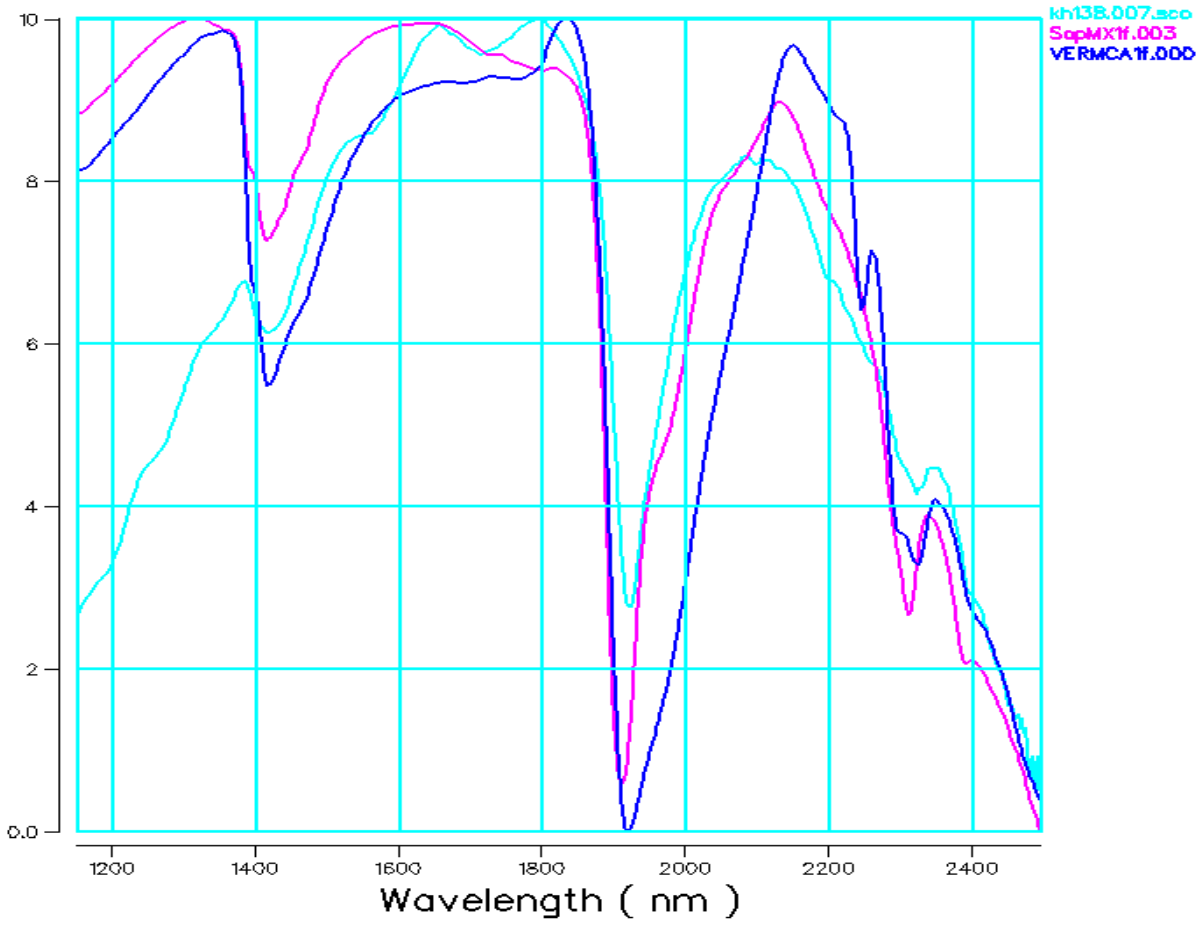
Kim Heberlein, P.Geo.
kheberlein@shaw.ca



Terraspec Full Range spectra stack plot (KH138/Flan)



Comparison of KH138.007 to SPECMIN reference spectra for saponite and vermiculite.



Comparison of KH138.007 against reference spectra for saponite and vermiculite (SWIR range).

KH138
PIMA Analysis

SAMPLE	SPECTRUM	MINERALS	2200 nm Feature	COMMENTS
159B	138R001A	probable zeolite		Offwhite xln friable
159B	138R001B	probable zeolite		Offwhite xln friable
MF09_221	138R002A	probable zeolite		Offwhite soft/brown lim.
MF09_221	138R002B	probable zeolite		Offwhite soft/grey mottled
MF09_226	138R003A	probable zeolite		Bx greygreen/white xln
MF09_226	138R003B	probable zeolite		Bx greygreen/white xln
MF09_243	138R004A	prehnite, smectite and/or zeolite		Offwhite soft xln
MF09_243	138R004B	smectite (montmorillonite), possible zeolite	2204	Offwhite soft xln/qzy
MF09A242R	138R005A	?probable silica, possible very weak kaolinite	2215	Grey/sus/pervasive FeOx
MF09A242R	138R005B	?probable silica, ?very weak prehnite	2210	Grey/sus/pervasive FeOx
RF09_0677BW	138R006A	Chlorite (Fe>Mg)	2261	SUS/grey/strong perv feox
RF09_0677BW	138R006B	Chlorite (Fe>Mg)	2263	SUS/grey/strong perv feox
MF09_312	138R007A	?probable silica		Qz/sus bx. strong perv feox
MF09_312	138R007B	?probable silica		Qz/sus bx. strong perv feox

KH138
Spectral Analysis

SAMPLE	SPECTRUM	MINERALS	2200 nm Feature	COMMENTS
159B	KH138.001	zeolite		Coarse white xls
	KH138.002	zeolite		Coarse white xls
	KH138.003	zeolite, ?trace smectite		Brown lim. Open boxwork
MF09_221	KH138.004	zeolite		White soft
	KH138.005	zeolite		Grey soft
MF09_226	KH138.006	zeolite		White/buff soft
	KH138.007	zeolite, ?possible vermiculite or Mg-smectite	2324	Greenbrown
MF09_243	KH138.008	prehnite, smectite		Offwhite soft
	KH138.009	smectite (montmorillonite)	2209	Offwhite soft
MF09_242R	KH138.010	hematite, ?silica		Grey/sus/pervasive FeOx
	KH138.011	goethite/hematite, ?silica		Grey/sus/pervasive FeOx
	KH138.012	goethite		lim earthy
	KH138.013	goethite, ?silica		Shiny redbrown lim.
RF09_677BW	KH138.014	chlorite (Fe), goethite		SUS/Grey/strong perv. FeOx
	KH138.015	goethite		Red brown earthy lim.
	KH138.016	chlorite (Fe), weak goethite		Sus/black/lim fract
MF09_312	KH138.017	goethite		White/brown qz mass
	KH138.018	goethite, ?weak nontronite	2293	Greenishbrown/lim
	KH138.019	goethite, ?possible weak gypsum/anhydrite		Orange/brown lim.
	KH138.020	goethite, ?weak nontronite	2295	yellowbrown lim.

Appendix C

Grid data

Geochemistry

ActLab EEL Soil Data (1/2)

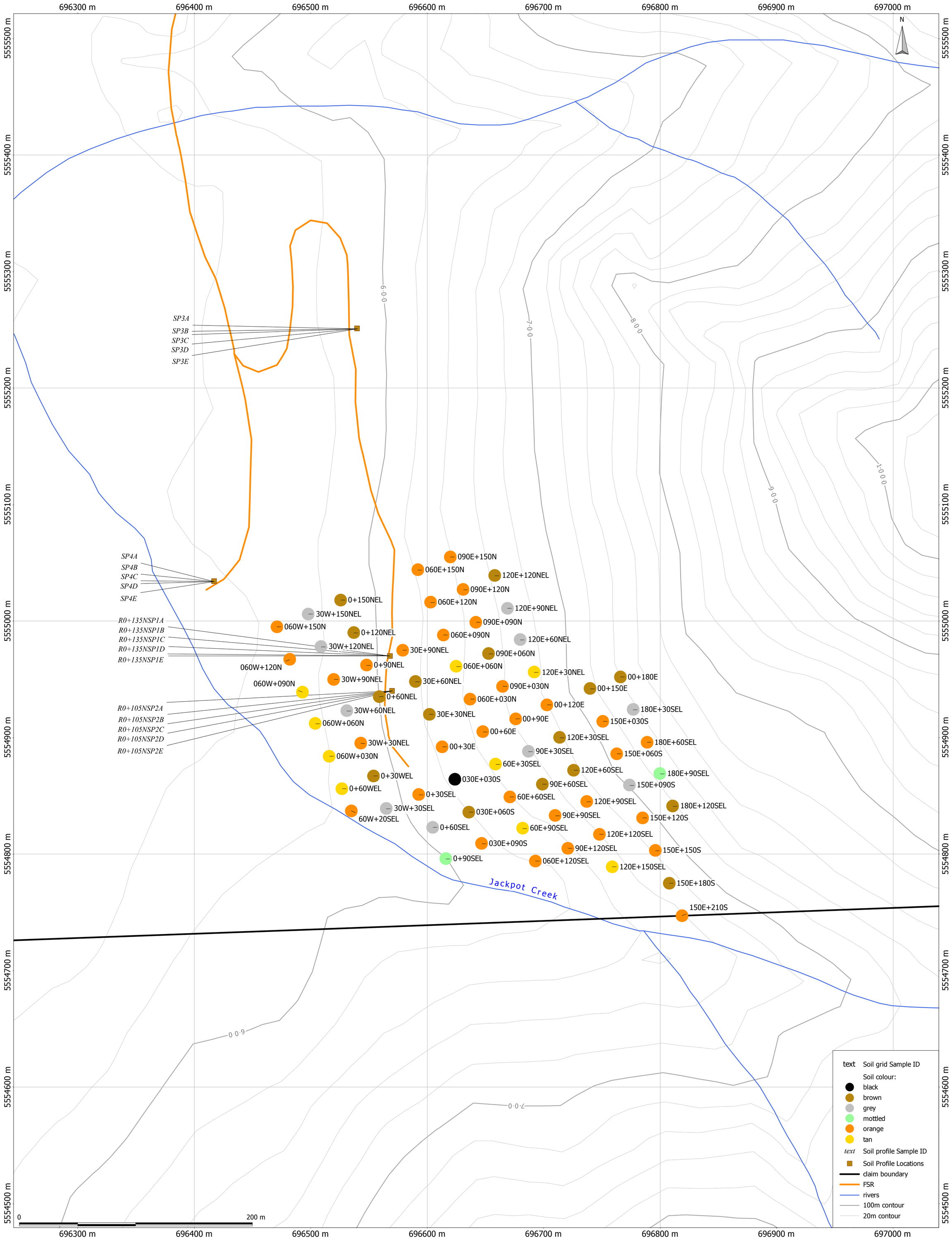
StationID	LabSampleID	NAD83E	NAD83N	Br_ppb	Cu_ppb	Nb_ppb	Se_ppb
000+060W	0+60WEL	696527	5554856	95	36	0.4	5
000+030W	0+30WEL	696554	5554867	110	63	0.5	8
000+030E	00+30E	696613	5554892	49	25	0.5	6
000+060E	00+60E	696648	5554905	191	138	0.4	3
000+090E	00+90E	696676	5554916	99	22	0.3	6
000+120E	00+120E	696703	5554928	78	41	0.1	17
000+150E	00+150E	696740	5554942	55	22	0.7	2
000+180E	00+180E	696766	5554952	48	37	0.9	2
060W+020S	060W+20SEL	696535	5554837	117	44	0.5	8
060W+030N	060W+030N	696516	5554884	65	33	0.4	6
060W+060N	060W+060N	696504	5554912	77	42	0.4	6
060W+090N	060W+090N	696493	5554939	58	33	0.3	6
060W+120N	060W+120N	696482	5554967	72	26	0.3	5
060W+150N	060W+150N	696471	5554995	54	40	0.2	4
030W+030S	30W+30SEL	696565	5554839	84	37	1	8
030W+030N	30W+30NEL	696543	5554895	162	19	0.1	6
030W+060N	30W+60NEL	696531	5554923	35	29	0.5	6
030W+090N	30W+90NEL	696520	5554950	116	66	0.3	11
030W+120N	30W+120NEL	696509	5554978	95	56	0.6	6
030W+150N	30W+150NEL	696498	5555006	18	14	0.5	2
000+090S	0+90SEL	696616	5554796	87	13	0.3	2
000+060S	0+60SEL	696605	5554823	37	9	0.5	2
000+030S	0+30SEL	696593	5554851	562	61	0.2	5
000+060N	0+60NEL	696559	5554935	162	110	0.4	6
000+090N	0+90NEL	696548	5554962	213	43	0.2	6
000+120N	0+120NEL	696537	5554990	40	25	0.3	3
000+150N	0+150NEL	696526	5555018	43	34	0.4	2
030E+090S	30E+090S	696647	5554809	67	8	0.2	2
030E+060S	30E+060S	696636	5554836	141	52	1	4
030E+030S	30E+030S	696624	5554864	181	48	0.2	5
030E+030N	30E+30NEL	696602	5554920	66	22	0.4	3
030E+060N	30E+60NEL	696590	5554948	59	17	1.4	3
030E+090N	30E+90NEL	696579	5554975	108	59	0.2	19
060E+120S	060E+120SEL	696693	5554794	62	9	0.5	1
060E+090S	060E+90SEL	696682	5554822	38	14	1.1	2
060E+060S	060E+60SEL	696671	5554849	62	30	0.5	2
060E+030S	060E+30SEL	696659	5554877	97	46	0.2	6
060E+030N	060E+030N	696637	5554933	84	28	0.1	4
060E+060N	060E+060N	696625	5554961	70	39	0.2	4
060E+090N	060E+090N	696614	5554988	83	60	0.3	8
060E+120N	060E+120N	696603	5555016	197	159	0.4	21
060E+150N	060E+150N	696592	5555044	87	35	0.7	4
090E+120S	90E+120SEL	696721	5554805	141	21	0.3	5
090E+090S	90E+90SEL	696710	5554833	76	15	0.7	2
090E+060S	90E+60SEL	696699	5554860	40	12	0.6	2
090E+030S	90E+30SEL	696687	5554888	45	11	2	2
090E+030N	090E+030N	696665	5554944	80	36	0.4	10
090E+060N	090E+060N	696653	5554972	56	163	0.7	5
090E+090N	090E+090N	696642	5554999	169	61	0.1	5
090E+120N	090E+120N	696631	5555027	85	52	0.3	9

ActLab EEL Soil Data (2/2)

StationID	LabSampleID	NAD83E	NAD83N	Br_ppb	Cu_ppb	Nb_ppb	Se_ppb
090E+150N	090E+150N	696620	5555055	105	90	0.3	14
120E+150S	120E+150SEL	696759	5554789	89	19	0.7	6
120E+120S	120E+120SEL	696748	5554817	114	31	0.1	9
120E+090S	120E+90SEL	696737	5554845	61	23	0.2	6
120E+060S	120E+60SEL	696726	5554872	41	11	0.3	4
120E+030S	120E+30SEL	696714	5554900	86	32	0.9	4
120E+030N	120E+30NEL	696692	5554956	70	12	0.6	4
120E+060N	120E+60NEL	696680	5554984	79	42	0.3	12
120E+090N	120E+90NEL	696669	5555011	20	25	0.7	8
120E+120N	120E+120NEL	696658	5555039	57	36	0.5	7
150E+210S	150E+210S	696819	5554747	111	145	0.2	9
150E+180S	150E+180S	696808	5554775	153	20	0.8	6
150E+150S	150E+150S	696796	5554803	58	24	0.2	5
150E+120S	150E+120S	696785	5554831	68	51	0.6	4
150E+090S	150E+090S	696774	5554859	29	8	0.5	1
150E+060S	150E+060S	696763	5554886	63	45	0.2	7
150E+030S	150E+030S	696751	5554914	64	81	0.3	4
180E+120S	180E+120SEL	696811	5554841	78	24	0.9	3
180E+090S	180E+90SEL	696800	5554869	50	12	0.9	1
180E+060S	180E+60SEL	696789	5554896	134	42	0.6	3
180E+030S	180E+30SEL	696777	5554924	42	24	1	2

Acme Aqua Regia Soil Data (1/1)

StationID	LabSampleID	NAD83E	NAD83N	Cu_ppm	Au_ppb	Se_ppm
000+060W	0+60WEL	696527	5554856	58.8	2.1	1.2
000+030W	0+30WEL	696554	5554867	94.7	2.2	1.2
000+030E	00+30E	696613	5554892	38.2	4.5	0.6
000+060E	00+60E	696648	5554905	93.3	1.3	0.6
000+090E	00+90E	696676	5554916	45.5	2.5	0.8
000+120E	00+120E	696703	5554928	70.7	3.6	1
000+150E	00+150E	696740	5554942	35.6	1.9	0.25
000+180E	00+180E	696766	5554952	22.4	117.2	0.25
060W+020S	060W+20SEL	696535	5554837	70.3	4	1.5
060W+030N	060W+30N	696516	5554884	61.6	1.5	1
060W+060N	060W+60N	696504	5554912	54.2	2.6	0.7
060W+090N	060W+90N	696493	5554939	59.9	2.1	0.7
060W+150N	060W+150N	696471	5554995	63.5	2.2	1
030W+090N	30W+90NEL	696520	5554950	78.7	1.9	1.1
030W+120N	30W+120NEL	696509	5554978	44.8	53.5	0.7
000+090S	0+90SEL	696616	5554796	37.9	2.6	0.5
000+060S	0+60SEL	696605	5554823	7.1	1.1	0.25
000+030S	0+30SEL	696593	5554851	80.4	4.1	2.5
000+060N	0+60NEL	696559	5554935	170.7	8.7	1.2
000+090N	0+90NEL	696548	5554962	79.1	4.2	1.5
000+120N	0+120NEL	696537	5554990	22.3	2.7	0.25
000+150N	0+150NEL	696526	5555018	100.8	1.4	1.2
030E+090N	30E+90NEL	696579	5554975	81.2	0.9	2.1
060E+120S	060E+120SEL	696693	5554794	13.8	0.6	0.25
060E+090S	060E+90SEL	696682	5554822	13.2	2.2	0.25
060E+060S	060E+60SEL	696671	5554849	39.3	0.7	0.25
060E+030S	060E+30SEL	696659	5554877	67.9	0.9	1.2
060E+030N	060E+30N	696637	5554933	47.3	1.8	0.7
060E+060N	060E+60N	696625	5554961	49.6	3.2	1.2
060E+090N	060E+90N	696614	5554988	83.4	0.5	1
060E+120N	060E+120N	696603	5555016	116.7	2	2.4
060E+150N	060E+150N	696592	5555044	53.8	2.5	0.9
090E+120S	90E+120SEL	696721	5554805	58.4	2.8	0.6
090E+090N	090E+90N	696642	5554999	69.8	2.3	1.1
120E+150S	120E+150SEL	696759	5554789	20.7	2.5	0.25
120E+120S	120E+120SEL	696748	5554817	64.1	2.1	1.3
120E+090S	120E+90SEL	696737	5554845	73.3	1.6	0.25
120E+060S	120E+60SEL	696726	5554872	16.2	0.25	0.25
120E+030S	120E+30SEL	696714	5554900	37.4	3.6	0.5
120E+030N	120E+30NEL	696692	5554956	16.5	3.1	0.25
120E+060N	120E+60NEL	696680	5554984	91.6	9.2	1.4
120E+090N	120E+90NEL	696669	5555011	12	1.4	0.25
120E+120N	120E+120NEL	696658	5555039	51.6	4.2	0.25
150E+210S	150E+210S	696819	5554747	160.3	3.4	2.1
150E+180S	150E+180S	696808	5554775	21.7	0.8	0.25
150E+120S	150E+120S	696785	5554831	65	3.2	0.25
150E+090S	150E+90S	696774	5554859	4	3.3	0.25



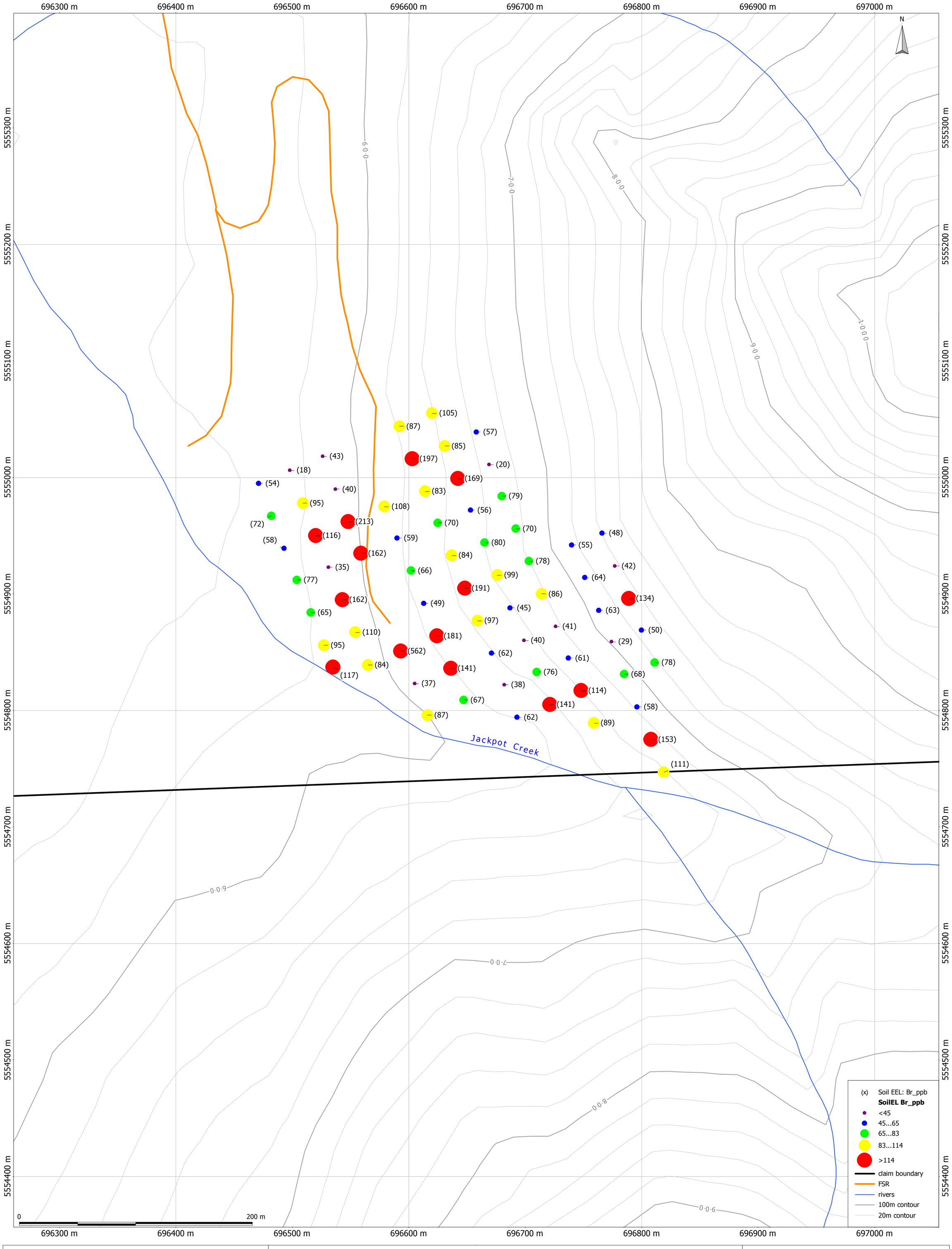
Projection/Datum: UTM 9(N) NAD83
scale: 1:2000

0 200 m

THE FLAN PROJECT

October 2010

Figure 16:
Location of Stations on Grid, numeric with soil colour



Projection/Datum: UTM 9(N) NAD83
scale: 1:2000

0 200 m

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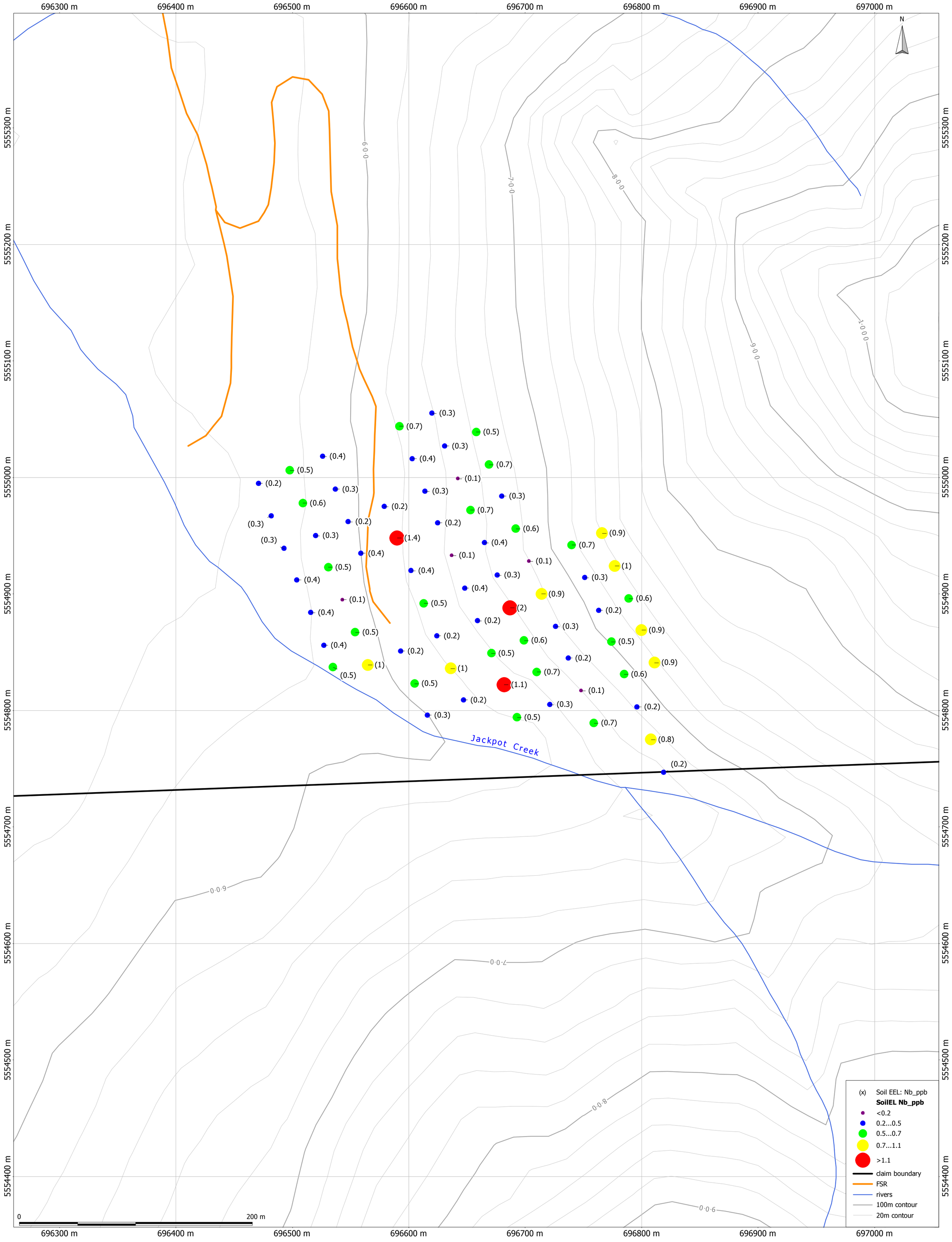
Figure 17:
Location of EEL Bromine, numeric



Projection/Datum: UTM 9(N) NAD83
scale: 1:2000

0 200 m

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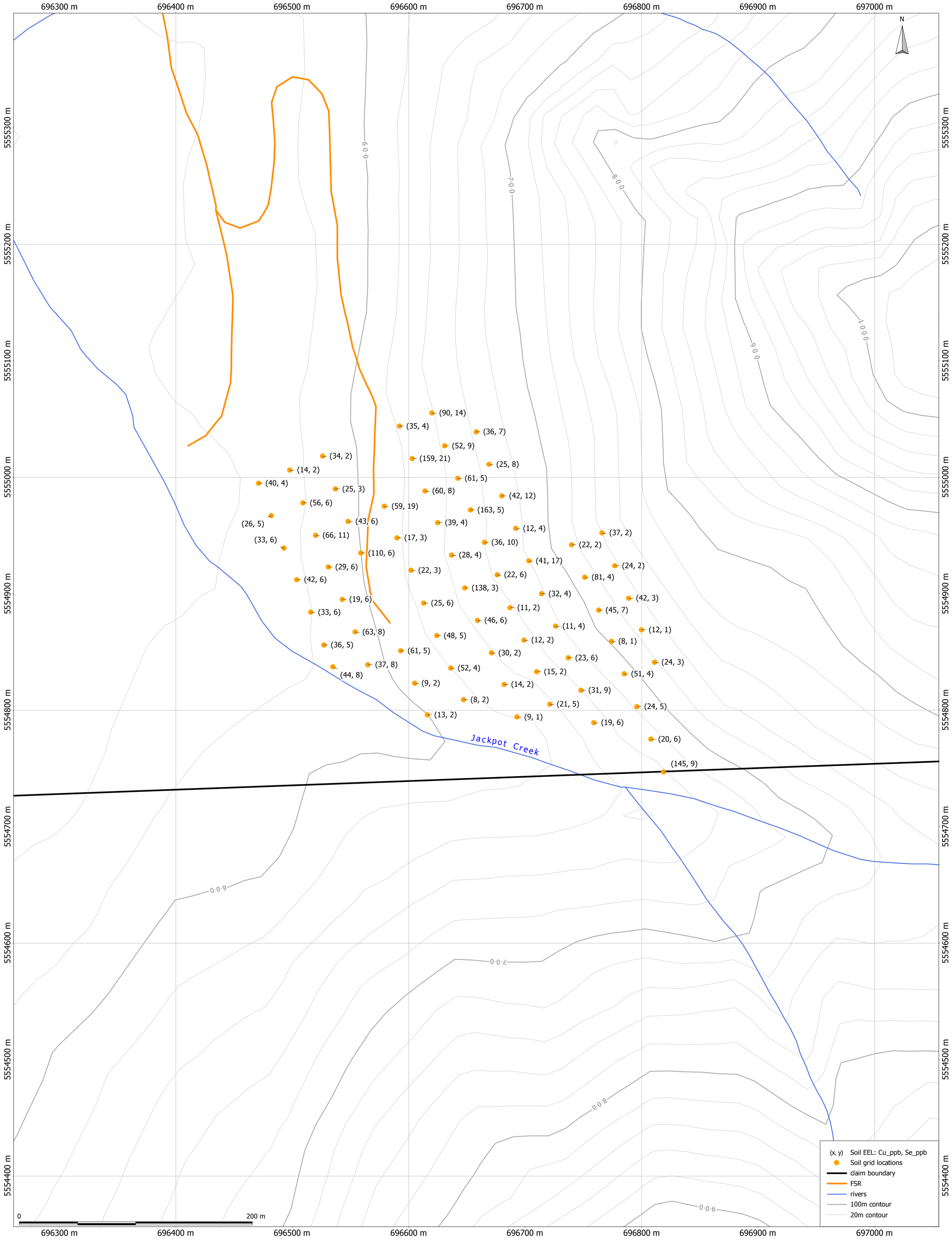
October 2010

Figure 18:
Location of EEL Niobium, numeric



Projection/Datum: UTM 9(N) NAD83
scale: 1:2000

0 200 m

THE FLAN PROJECT

October 2010

Figure 19:
Location of EEL Copper & Selenium, numeric

696300 m 696400 m 696500 m 696600 m 696700 m 696800 m 696900 m 697000 m

5555300 m 5555200 m 5555100 m 5555000 m 5554900 m 5554800 m 5554700 m 5554600 m 5554500 m 5554400 m

N

600 700 800 900 1000

(53.8, 2.5) (51.6, 4.2) (100.8, 1.4) (116.7, 2) (12, 1.4) (69.8, 2.3) (63.5, 2.2) (22.3, 2.7) (83.4, 0.5) (91.6, 9.2) (44.8, 53.5) (81.2, 0.9) (79.1, 4.2) (49.6, 3.2) (16.5, 3.1) (22.4, 117.2) (78.7, 1.9) (35.6, 1.9) (59.9, 2.1) (170.7, 8.7) (47.3, 1.8) (70.7, 3.6) (54.2, 2.6) (45.5, 2.5) (93.3, 1.3) (37.4, 3.6) (38.2, 4.5) (61.6, 1.5) (67.9, 0.9) (16.2, 0.25) (94.7, 2.2) (4, 3.3) (58.8, 2.1) (80.4, 4.1) (39.3, 0.7) (73.3, 1.6) (70.3, 4) (65, 3.2) (7.1, 1.1) (13.2, 2.2) (64.1, 2.1) (58.4, 2.8) (37.9, 2.6) (13.8, 0.6) (20.7, 2.5) (21.7, 0.8) (160.3, 3.4)

Jackpot Creek

600 700 800 600

0 200 m

(x, y) Soil: Cu ppm, Au ppb
Soil Analysis (Aqua Regia)
claim boundary
FSR
rivers
100m contour
20m contour

696300 m 696400 m 696500 m 696600 m 696700 m 696800 m 696900 m 697000 m

Projection/Datum: UTM 9(N) NAD83 scale: 1:2000 0 200 m	**THE FLAN PROJECT** **October 2010**	**Figure 20:** **Location of Aqua Regia Extraction** **Copper & Gold, numeric**

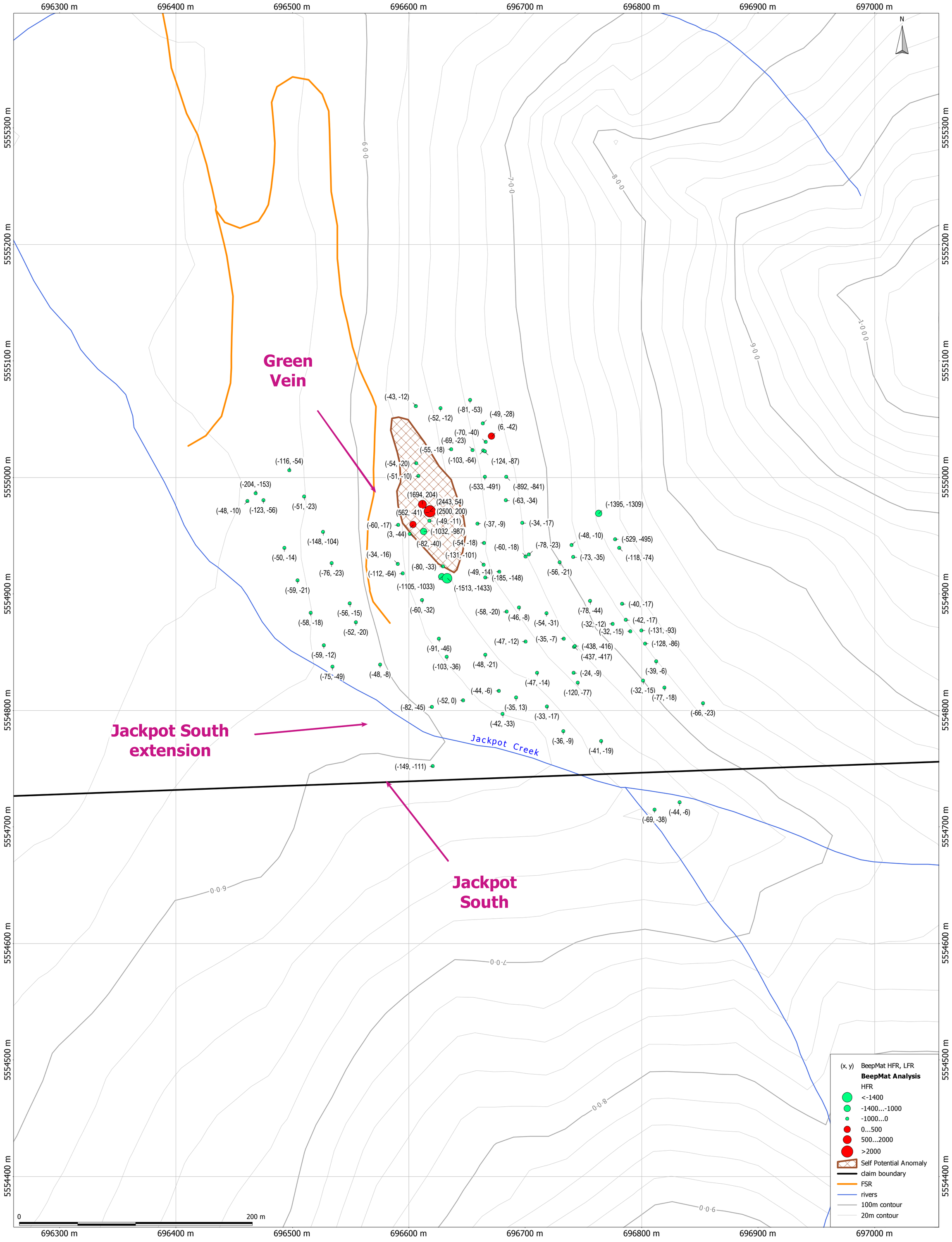
Geophysics

BeepMat Data (1/2)

HFR	LFR/MAG	Ratio	NAD83E	NAD83N	DateRTC	TimeRTC
-149	-111	0	5554752	696620.8	2009-07-12	13:10:25
-82	-45	0	5554803	696619.9	2009-07-12	13:15:05
-52	0	0	5554809	696646.9	2009-07-12	13:28:32
-35	13	0	5554811	696692.2	2009-07-12	13:39:30
-103	-36	0	5554846	696632.7	2009-07-12	13:49:27
-91	-46	0	5554862	696626	2009-07-12	13:53:28
-60	-32	0	5554895	696611.6	2009-07-12	14:00:06
-82	-40	0	5554951	696600.9	2009-07-12	14:08:02
-34	-16	0	5554926	696590.5	2009-07-12	14:15:23
-112	-64	0	5554917	696594.9	2009-07-12	14:17:15
-60	-17	0	5554959	696590.8	2009-07-12	14:31:33
-43	-12	0	5555061	696606.3	2009-07-12	14:55:15
-51	-10	0	5555001	696608.4	2009-07-12	14:59:41
-54	-20	0	5555012	696606.4	2009-07-12	15:04:27
2443	54	14	5554971	696618	2008-07-12	15:15:00
562	-41	0	5554970	696617.3	2009-07-12	15:19:25
1694	204	12	5554977	696611.7	2009-07-12	15:19:54
2500	200	13	5554971	696618	2008-07-12	15:25:00
-49	-11	0	5554963	696617.9	2009-07-12	15:49:01
3	-44	0	5554960	696603.8	2009-07-12	16:00:03
-1032	-987	0	5554954	696613	2009-07-12	16:03:00
-80	-33	0	5554924	696629.4	2009-07-12	16:23:53
-1105	-1033	0	5554915	696628.5	2009-07-12	16:26:13
-1513	-1433	0	5554913	696633.1	2009-07-12	16:29:59
-131	-101	0	5554925	696664.3	2009-07-12	16:35:55
-48	-8	0	5554839	696575.3	2009-07-13	09:37:55
-52	-20	0	5554876	696554.7	2009-07-13	09:43:34
-56	-15	0	5554892	696549.4	2009-07-13	09:49:28
-76	-23	0	5554926	696533.8	2009-07-13	09:52:50
-148	-104	0	5554953	696526.5	2009-07-13	09:56:54
-51	-23	0	5554984	696510.4	2009-07-13	10:01:59
-116	-54	0	5555006	696497.5	2009-07-13	10:10:49
-123	-56	0	5554980	696475.2	2009-07-13	10:17:03
-204	-153	0	5554986	696468.6	2009-07-13	10:19:06
-48	-10	0	5554980	696461.6	2009-07-13	10:21:53
-50	-14	0	5554939	696493.1	2009-07-13	10:26:21
-59	-21	0	5554912	696504.4	2009-07-13	10:29:19
-58	-18	0	5554884	696515.7	2009-07-13	10:33:18
-59	-12	0	5554856	696527	2009-07-13	10:40:09
-75	-49	0	5554837	696534.5	2009-07-13	10:45:38
-78	-23	0	5554934	696703.3	2009-07-13	11:50:15
-54	-31	0	5554883	696718.3	2009-07-13	11:56:13
-35	-7	0	5554862	696733.2	2009-07-13	12:03:59
-437	-417	0	5554854	696742.2	2009-07-13	12:15:40
-438	-416	0	5554855	696742.8	2009-07-13	12:15:42
-24	-9	0	5554832	696741.5	2009-07-13	12:20:27
-120	-77	0	5554824	696745.3	2009-07-13	12:27:55
-41	-19	0	5554774	696765.3	2009-07-13	12:32:17
-44	-6	0	5554721	696832.5	2009-07-13	13:01:23
-69	-38	0	5554715	696811.1	2009-07-13	13:09:10

BeepMat Data (2/2)

HFR	LFR/MAG	Ratio	NAD83E	NAD83N	DateRTC	TimeRTC
-185	-148	0	5554914	696665.8	2009-07-14	10:38:56
-58	-20	0	5554885	696684.1	2009-07-14	10:44:15
-48	-21	0	5554848	696665.7	2009-07-14	10:49:46
-44	-6	0	5554817	696677.6	2009-07-14	10:54:27
-42	-33	0	5554797	696680.7	2009-07-14	11:00:34
-36	-9	0	5554782	696732.6	2009-07-14	11:12:45
-33	-17	0	5554803	696718.7	2009-07-14	11:20:51
-47	-14	0	5554832	696710.4	2009-07-14	11:25:33
-47	-12	0	5554859	696700.2	2009-07-14	11:32:58
-46	-8	0	5554888	696694.9	2009-07-14	11:37:36
-49	-14	0	5554919	696677.9	2009-07-14	11:41:39
-54	-18	0	5554944	696664.7	2009-07-14	11:58:44
-37	-9	0	5554960	696659	2009-07-14	12:06:13
-69	-23	0	5555024	696654.9	2009-07-14	12:12:19
-55	-18	0	5555024	696636.4	2009-07-14	12:21:40
-52	-12	0	5555059	696627.2	2009-07-14	12:26:53
-81	-53	0	5555067	696652.7	2009-07-14	12:53:45
-49	-28	0	5555047	696663.7	2009-07-14	13:09:33
6	-42	0	5555035	696671.2	2009-07-14	13:21:29
-70	-40	0	5555030	696666	2009-07-14	13:25:26
-103	-64	0	5555023	696663.9	2009-07-14	13:26:42
-124	-87	0	5555022	696665.3	2009-07-14	13:28:31
-533	-491	0	5555001	696665.4	2009-07-14	13:33:50
-892	-841	0	5555000	696683.9	2009-07-14	13:40:41
-63	-34	0	5554980	696683.6	2009-07-14	13:53:43
-34	-17	0	5554961	696697.7	2009-07-14	14:03:01
-60	-18	0	5554932	696700.5	2009-07-14	14:09:15
-48	-10	0	5554942	696740	2009-07-14	14:22:25
-1395	-1309	0	5554969	696763	2009-07-14	14:41:09
-118	-74	0	5554940	696780.8	2009-07-14	14:47:41
-529	-495	0	5554947	696777.2	2009-07-14	14:56:53
-42	-17	0	5554878	696786.5	2009-07-14	15:01:00
-40	-17	0	5554891	696783.1	2009-07-14	15:06:41
-131	-93	0	5554869	696799.9	2009-07-14	15:11:05
-39	-6	0	5554842	696812.4	2009-07-14	15:14:22
-77	-18	0	5554820	696819.7	2009-07-14	15:19:58
-66	-23	0	5554806	696852.6	2009-07-14	15:29:28
-128	-86	0	5554857	696803	2009-07-14	15:49:19
-32	-15	0	5554825	696801.3	2009-07-14	15:54:25
-32	-15	0	5554868	696790.3	2009-07-14	16:03:03
-32	-12	0	5554874	696775.1	2009-07-14	16:36:36
-78	-44	0	5554894	696755.9	2009-07-14	16:41:46
-73	-35	0	5554932	696741.3	2009-07-14	16:45:46
-56	-21	0	5554927	696729.7	2009-07-14	16:52:44



Projection/Datum: UTM 9(N) NAD83
scale: 1:2000

0 200 m

THE FLAN PROJECT

October 2010

Figure 21:
Location of
Beepmat response numeric
with self potential anomaly

PROJECT The FLAN Project — SHEET 1 OF 4

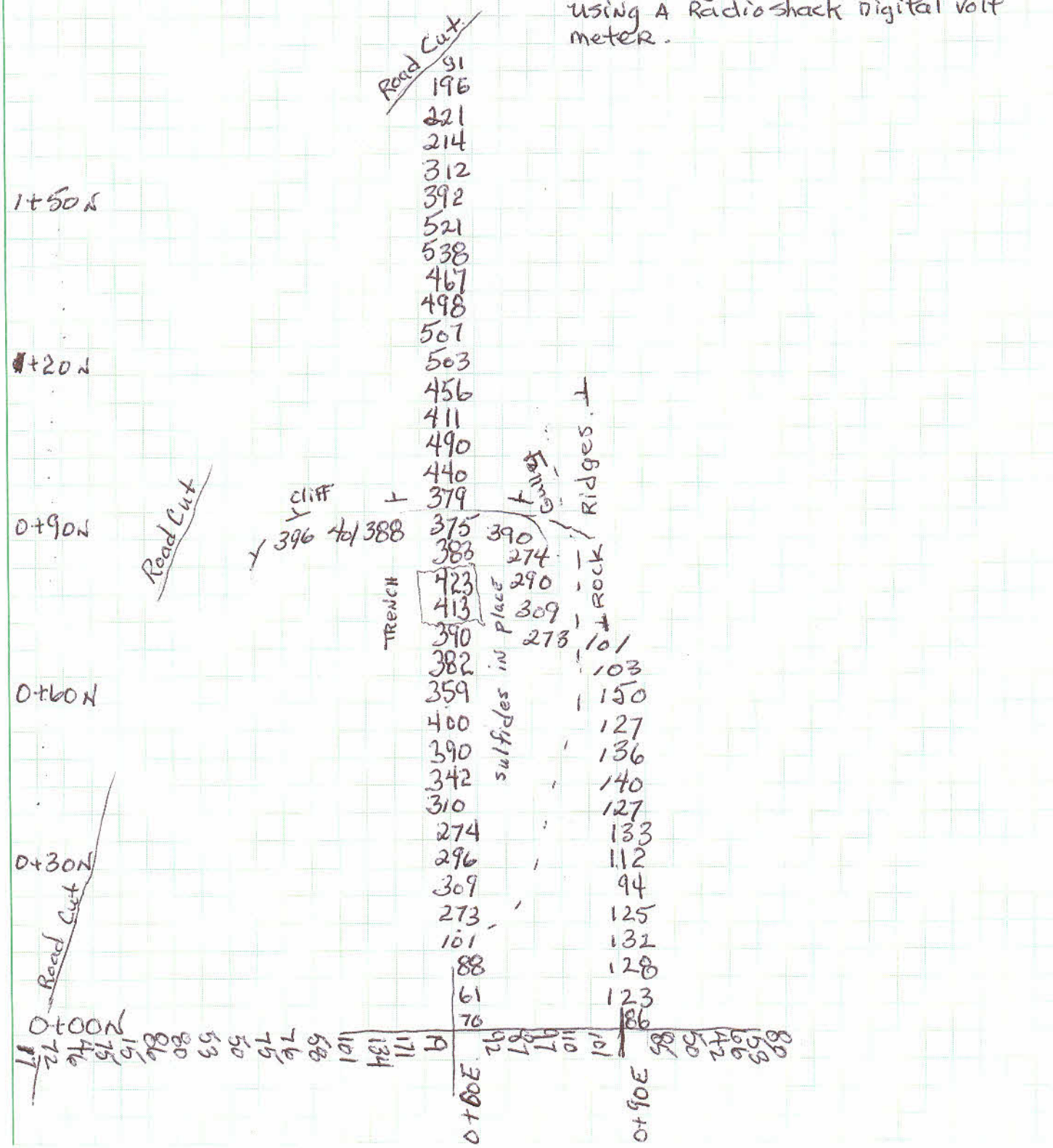
SUBJECT Self Potential Data — DATE 25 July 09

COMPUTED BY David Javorsky, Prospector — CHECKED BY DJ.

Leads inverted to give positive results over sulfides.

Tail Pot placed at point 0+00N and 0+00E, on top of Road Fill Loose material.

All Readings are in D.C. Milivolts. using A Radioshack Digital Volt meter.



PROJECT The Flan Project SHEET 2 OF 4

SUBJECT Self Potential Project. DATE 25 July 09

COMPUTED BY David Javorsky. Prospector CHECKED BY DJ.

Leads inverted to give positive results over sulfides

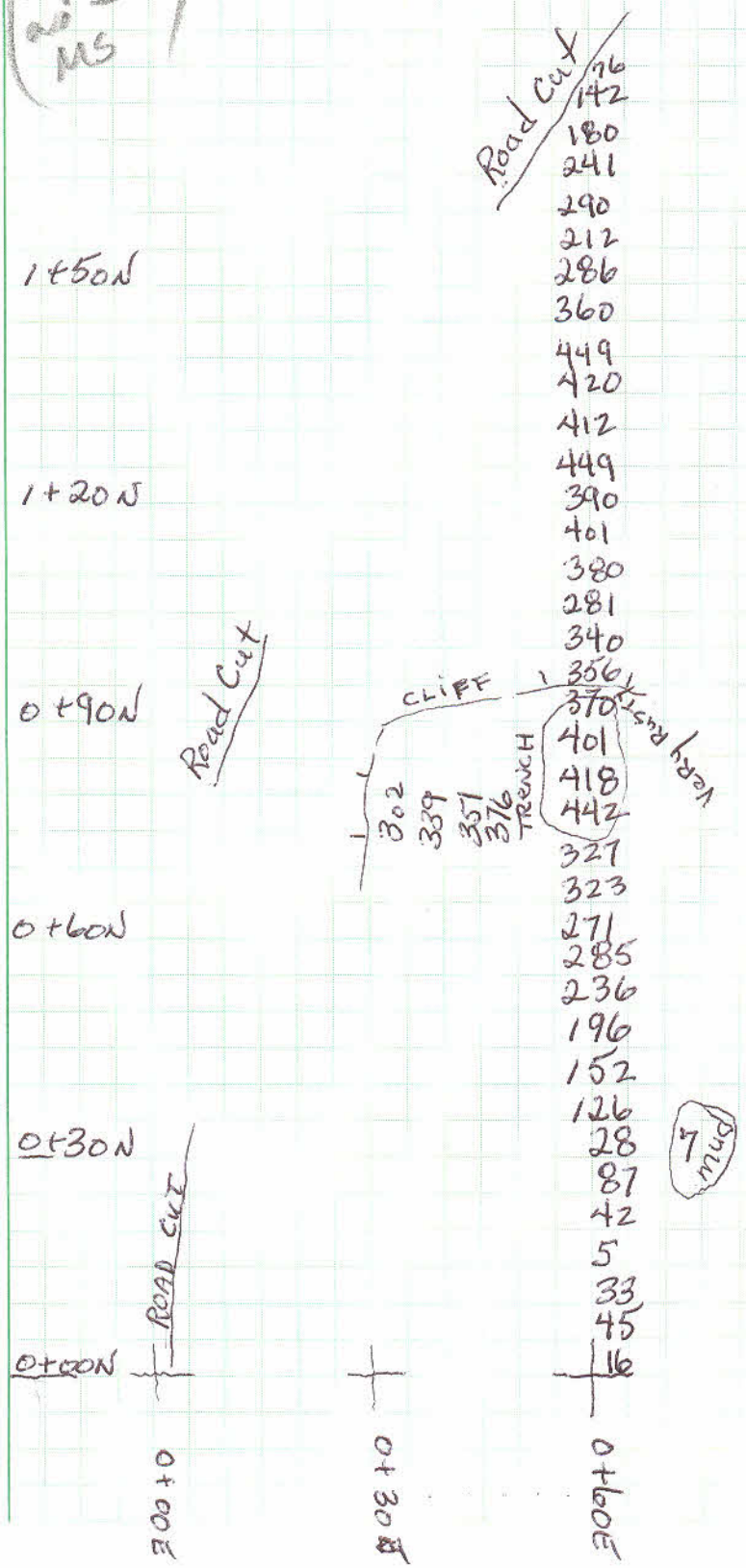
(negative on MS)

Check Survey

The Tail Pot was located in the soil sample hole at 0+00N and 0+60E. A good solid contact with earth was made.

The Readings were very stable and Repeated the earlier survey that used a different tail pot location.

A Readings are in D.C. millivolts. Using a Digital Voltmeter.



PROJECT The FLAN Project SHEET 3 OF 4

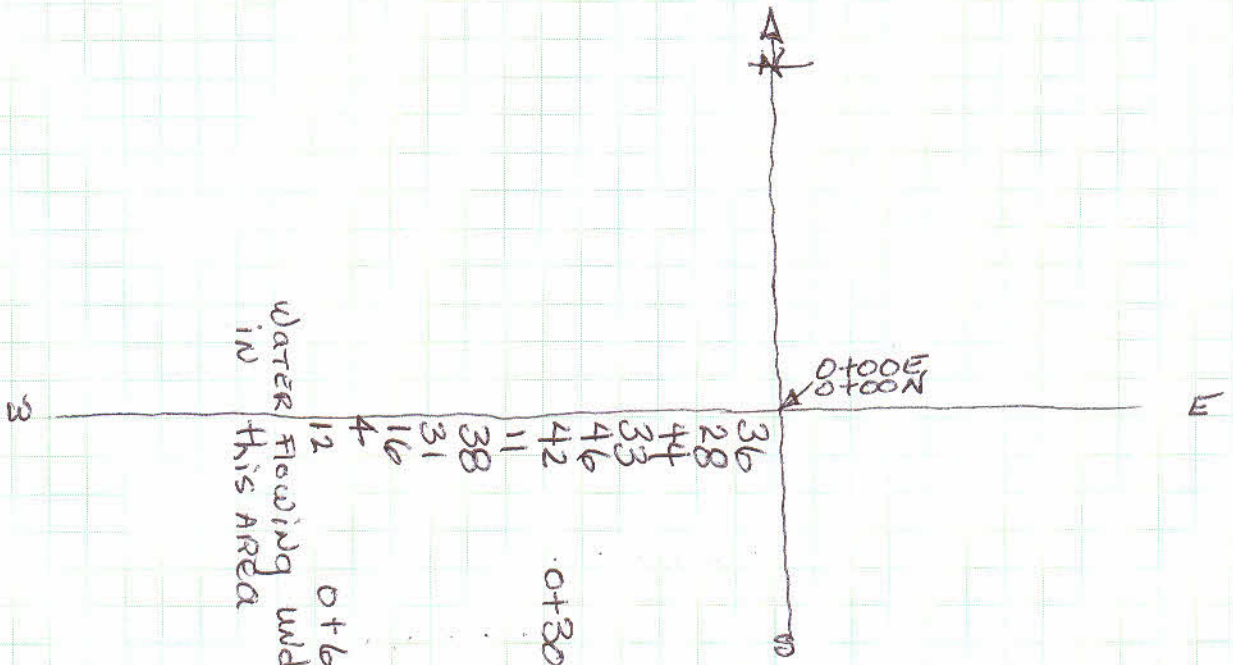
SUBJECT Self Potential Project DATE 25 July 09

COMPUTED BY David JAVORSKY, PROSPECTOR CHECKED BY DJ.

Leads are inverted to give positive results over sulfides

The Tail Pot was placed at point 0+00N and 0+00E on top of Road Fill and loose gravel.

All Readings are in D.C. millivolts. Using a Radio-Shack Digital Voltmeter.



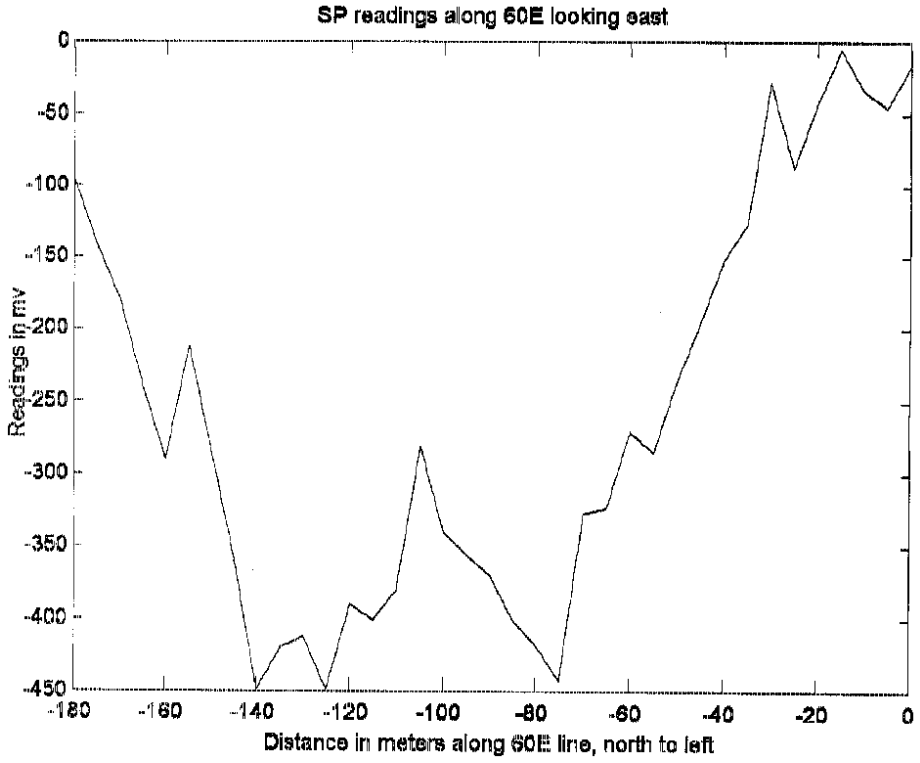


Figure 22:
Profile of Self-potential along 60 E

Magnetics
Corrected Data - Grid Area (1/1)

StationID	NAD83E	NAD83N	MagFinal		StationID	NAD83E	NAD83N	MagFinal
000+000	696582	5554879	54925		060W+060N	696504	5554912	54978
000+030E	696613	5554892	54920		060W+090N	696493	5554939	54924
000+030N	696571	5554907	54908		060W+120N	696482	5554967	54945
000+030S	696593	5554851	54909		060W+150N	696471	5554995	54906
000+030W	696554	5554867	54928		090E+030N	696665	5554944	55119
000+060E	696648	5554905	54857		090E+030S	696687	5554888	54954
000+060N	696559	5554935	54896		090E+060N	696653	5554972	54890
000+060S	696605	5554823	54936		090E+060S	696699	5554860	54896
000+060W	696527	5554856	54980		090E+090N	696642	5554999	54733
000+090E	696676	5554916	55033		090E+090S	696710	5554833	55008
000+090N	696548	5554962	54966		090E+120N	696631	5555027	54768
000+120E	696703	5554928	54910		090E+120S	696721	5554805	55002
000+120N	696537	5554990	54967		090E+150N	696620	5555055	54817
000+150E	696740	5554942	55083		090E+150S	696732	5554777	55084
000+150N	696526	5555018	54920		090W+150N	696443	5554983	55017
000+180E	696766	5554952	55256		120E+030N	696692	5554956	54880
030E+030N	696602	5554920	54858		120E+030S	696714	5554900	54977
030E+030S	696624	5554864	54897		120E+060N	696680	5554984	54877
030E+060N	696590	5554948	54836		120E+060S	696726	5554872	55015
030E+060S	696636	5554836	54928		120E+090N	696669	5555011	54766
030E+090N	696579	5554975	54875		120E+090S	696737	5554845	55161
030E+090S	696647	5554809	54929		120E+120N	696658	5555039	54810
030E+120N	696567	5555003	54820		120E+120S	696748	5554817	55160
030E+150N	696556	5555030	54902		120E+150N	696647	5555067	54754
030W+030N	696543	5554895	54984		120E+150S	696759	5554789	55206
030W+030S	696565	5554839	54960		120E+180S	696770	5554761	55228
030W+060N	696531	5554923	54936		120W+150N	696416	5554972	54931
030W+090N	696520	5554950	54953		150E+030S	696751	5554914	55044
030W+120N	696509	5554978	55003		150E+060S	696763	5554886	54912
030W+150N	696498	5555006	54886		150E+090S	696774	5554859	55230
060E+030N	696637	5554933	54820		150E+120S	696785	5554831	55014
060E+030S	696659	5554877	54818		150E+150S	696796	5554803	54918
060E+060N	696625	5554961	54921		150E+180S	696808	5554775	54994
060E+060S	696671	5554849	54811		150E+210S	696819	5554747	55101
060E+090N	696614	5554988	54790		180E+030S	696777	5554924	55285
060E+090S	696682	5554822	54844		180E+060S	696789	5554896	55185
060E+120N	696603	5555016	54865		180E+090S	696800	5554869	55199
060E+120S	696693	5554794	54926		180E+120S	696811	5554841	55046
060E+150N	696592	5555044	54873		180E+150S	696823	5554813	54937
060W+020S	696535	5554837	54898		180E+180S	696834	5554786	54853
060W+030N	696516	5554884	54948		180E+210S	696845	5554758	54957

Magnetics and VLF
Raw Data - Grid Area (1/5)

DATE	TIME	StationID	NAD83E	NAD83N	MAG	VLF1	IP1	OP1	X1	Y1	VLF1 total	VLF2	IP2	OP2	X2	Y2	VLF2 total
2009-08-31	14:23:30	000+000	696582	5554879	54920.29	21.4	-15.5	-6.4	75	6	5.2	24	6.5	-21.7	83	9	1.3
2009-08-31	14:31:02	000+030W	696554	5554867	54921.17	21.4	-12.2	-2.7	68	13	4.9	24	-2.7	-12.8	79	-12	1.2
2009-08-31	14:36:34	000+060W	696527	5554856	54973.51	21.4	-11.3	-4.6	71	19	5	24	-6.5	-11.9	78	11	1.2
2009-08-31	14:40:22	000+060W	696527	5554856	54980.96	21.4	12.7	7.8	68	6	4.9	24	12.1	11.2	83	1	1.3
2009-08-31	14:42:58	000+060W	696527	5554856	54980.83	21.4	11.5	7.3	68	15	5.2	24	0.5	19.9	83	14	1.3
2009-08-31	14:48:46	000+030W	696554	5554867	54924.8	21.4	11.5	-4.4	69	23	5.2	24	14.1	10.2	70	-15	1.1
2009-08-31	14:51:50	000+030W	696554	5554867	54925.69	21.4	14.6	4.2	73	-1	5.4	24	33.7	22.3	93	0	1.4
2009-08-31	14:56:06	000+000	696582	5554879	54919.63	21.4	16.1	4	70	17	5.1	24	3.6	21.6	88	4	1.4
2009-08-31	15:08:30	000+000	696582	5554879	54928.46	21.4	18.5	4.3	71	19	5.2	24	33.2	10.9	93	8	1.4
2009-08-31	15:12:22	000+030E	696613	5554892	54918.45	21.4	20.2	3.2	75	5	4.9	24	21.9	23.2	73	13	1.1
2009-08-31	15:17:02	000+060E	696648	5554905	54858.66	21.4	17.6	2.8	76	21	5.4	24	18.6	15.3	73	-1	1.1
2009-08-31	15:21:18	000+090E	696676	5554916	55033.59	21.4	16.7	5.4	67	39	5.1	24	25.9	13.9	62	-22	1
2009-08-31	15:26:06	000+120E	696703	5554928	54910.24	21.4	14.4	5.1	76	8	5.6	24	44.8	18.4	98	17	1.5
2009-08-31	15:32:46	000+150E	696740	5554942	55088.92	21.4	15.4	8.9	74	-8	5.4	24	30.2	16	83	-22	1.3
2009-08-31	15:45:02	000+180E	696766	5554952	55252.46	21.4	9.4	3.7	68	-12	5.5	24	9.5	9	76	31	1.3
2009-08-31	15:48:26	000+180E	696766	5554952	55249.23	21.4	-11.3	-6.7	69	-14	5.4	24	-7.2	-9.4	92	-2	1.4
2009-08-31	16:00:58	000+150E	696740	5554942	55076.55	21.4	-15.9	-8.5	71	5	5.4	24	-30.5	-17.6	94	1	1.4
2009-08-31	16:06:18	000+120E	696703	5554928	54916.69	21.4	-14.4	-4.3	74	-3	5.3	24	-27.1	-12.3	85	3	1.3
2009-08-31	16:10:02	000+090E	696676	5554916	55030.62	21.4	-17.1	-3.6	76	-2	5.3	24	-28.1	-10	86	1	1.3
2009-08-31	16:13:18	000+060E	696648	5554905	54863.7	21.4	-19.6	-5.4	71	-26	5	24	-32.4	-17.5	79	-6	1.2
2009-08-31	16:16:50	000+030E	696613	5554892	54922.54	21.4	-20.9	-4.8	63	-33	4.9	24	-31.5	-15.8	81	6	1.3
2009-08-31	16:20:02	000+000	696582	5554879	54940.63	21.4	-16.1	-5.9	65	23	5	24	-35.4	-19.6	88	1	1.4
2009-09-01	10:57:46	000+000	696582	5554879	54923.05	21.4	-14.5	-3.5	50	23	3.9	0	0	0	0	0	0
2009-09-01	11:00:26	000+030S	696593	5554851	54903.11	21.4	-14.1	-3.1	51	21	4	0	0	0	0	0	0
2009-09-01	11:03:46	000+060S	696605	5554823	54928.46	21.4	-14.3	-3	55	12	4	0	0	0	0	0	0
2009-09-01	11:05:02	000+060S	696605	5554823	54930.29	21.4	-17.2	-4.7	55	7	3.9	0	0	0	0	0	0
2009-09-01	11:11:54	000+030S	696593	5554851	54905.06	21.4	17.2	2.5	49	23	3.8	0	0	0	0	0	0
2009-09-01	11:14:10	000+000	696582	5554879	54915.66	21.4	15.1	6.2	60	14	4.4	0	0	0	0	0	0
2009-09-01	11:18:42	000+030E	696613	5554892	54904.17	21.4	-20.9	-4.5	51	27	4.1	0	0	0	0	0	0
2009-09-01	11:22:26	030E+030S	696624	5554864	54889.12	21.4	-19.2	-1.4	54	25	4.2	0	0	0	0	0	0
2009-09-01	11:25:06	030E+060S	696636	5554836	54920.13	21.4	-20.8	-0.7	49	25	3.9	0	0	0	0	0	0
2009-09-01	11:28:42	030E+090S	696647	5554809	54920.74	21.4	-24.5	-2.5	55	18	4.1	0	0	0	0	0	0
2009-09-01	11:33:26	060E+120S	696693	5554794	54917.67	21.4	26.9	0.7	55	12	4	0	0	0	0	0	0
2009-09-01	11:36:58	060E+090S	696682	5554822	54834.64	21.4	22.1	0.5	55	22	4.2	0	0	0	0	0	0
2009-09-01	11:41:02	060E+060S	696671	5554849	54801.8	21.4	24.4	2	56	21	4.3	0	0	0	0	0	0
2009-09-01	11:44:50	060E+030S	696659	5554877	54807.55	21.4	20.5	1.9	57	23	4.4	0	0	0	0	0	0
2009-09-01	11:47:58	000+060E	696648	5554905	54841.76	21.4	18.5	3	63	15	4.6	0	0	0	0	0	0
2009-09-01	11:51:46	000+060E	696648	5554905	54835.71	21.4	-17.5	-3	63	9	4.5	0	0	0	0	0	0

Magnetics and VLF
Raw Data - Grid Area (2/5)

DATE	TIME	StationID	NAD83E	NAD83N	MAG	VLF1	IP1	OP1	X1	Y1	VLF1 total	VLF2	IP2	OP2	X2	Y2	VLF2 total
2009-09-01	11:55:10	000+030E	696613	5554892	54898.03	21.4	-18.4	-4.5	64	16	4.7	0	0	0	0	0	0
2009-09-01	11:57:46	000+000	696582	5554879	54911.73	21.4	-14.8	-3.3	59	20	4.4	0	0	0	0	0	0
2009-09-01	12:34:34	000+000	696582	5554879	54919.01	21.4	15.2	-0.4	63	15	4.6	0	0	0	0	0	0
2009-09-01	12:37:46	000+030E	696613	5554892	54902.06	21.4	20.8	1.6	46	44	4.6	0	0	0	0	0	0
2009-09-01	12:40:46	000+060E	696648	5554905	54847.31	21.4	19.5	1.5	120	50	4.6	0	0	0	0	0	0
2009-09-01	12:44:26	000+090E	696676	5554916	55020.21	21.4	17.9	5.1	70	4	5	0	0	0	0	0	0
2009-09-01	12:46:54	000+090E	696676	5554916	55022.71	21.4	-19.2	-5.6	68	-13	4.9	0	0	0	0	0	0
2009-09-01	12:49:58	090E+030S	696687	5554888	54937.55	21.4	-20.5	-6.3	66	19	4.9	0	0	0	0	0	0
2009-09-01	12:52:50	090E+060S	696699	5554860	54879.63	21.4	-19.2	-2	61	29	4.8	0	0	0	0	0	0
2009-09-01	12:58:46	090E+090S	696710	5554833	54990.09	21.4	-24.3	-6	65	12	4.7	0	0	0	0	0	0
2009-09-01	13:03:46	090E+120S	696721	5554805	54986.08	21.4	-28	-5.1	63	16	4.6	0	0	0	0	0	0
2009-09-01	13:09:46	090E+150S	696732	5554777	55071.64	21.4	-35.9	-3.3	56	23	4.3	0	0	0	0	0	0
2009-09-01	13:30:18	120E+180S	696770	5554761	55213.56	21.4	36.6	3.4	54	36	4.6	0	0	0	0	0	0
2009-09-01	13:48:06	120E+150S	696759	5554789	55192.64	21.4	27.6	1.6	71	14	5.1	0	0	0	0	0	0
2009-09-01	13:51:34	120E+120S	696748	5554817	55147.2	21.4	24	4.4	67	16	4.9	0	0	0	0	0	0
2009-09-01	13:55:14	120E+090S	696737	5554845	55149.75	21.4	18.8	-2.3	67	23	5.1	0	0	0	0	0	0
2009-09-01	13:59:58	120E+060S	696726	5554872	55003.12	21.4	19.2	3.8	72	9	5.2	0	0	0	0	0	0
2009-09-01	14:04:30	120E+030S	696714	5554900	54965.02	21.4	17	2.1	74	20	5.5	0	0	0	0	0	0
2009-09-01	14:08:50	000+120E	696703	5554928	54896.86	21.4	11.6	-0.7	62	40	5.2	0	0	0	0	0	0
2009-09-01	14:11:58	000+120E	696703	5554928	54898.76	21.4	-11.5	-1.5	63	40	5.3	0	0	0	0	0	0
2009-09-01	14:14:58	000+090E	696676	5554916	55023.73	21.4	-16.7	-1.4	71	14	5.2	0	0	0	0	0	0
2009-09-01	14:17:30	000+060E	696648	5554905	54851.73	21.4	-20.2	-2.1	68	16	5	0	0	0	0	0	0
2009-09-01	14:20:06	000+030E	696613	5554892	54917.9	21.4	-20	-3	65	26	5	0	0	0	0	0	0
2009-09-01	14:22:30	000+000	696582	5554879	54928.07	21.4	-14	-0.9	65	27	5.1	0	0	0	0	0	0
2009-09-01	14:51:54	000+000	696582	5554879	54929.46	21.4	18.1	1.4	67	22	5	0	0	0	0	0	0
2009-09-01	14:54:06	000+030E	696613	5554892	54921.06	21.4	18.2	0	67	31	5.3	0	0	0	0	0	0
2009-09-01	14:56:42	000+060E	696648	5554905	54855.9	21.4	18.6	-0.2	68	21	5.1	0	0	0	0	0	0
2009-09-01	14:59:10	000+090E	696676	5554916	55025.65	21.4	16.4	0.3	75	20	5.5	0	0	0	0	0	0
2009-09-01	15:02:34	000+120E	696703	5554928	54900.2	21.4	13.2	2.9	71	27	5.4	0	0	0	0	0	0
2009-09-01	15:07:34	000+150E	696740	5554942	55078.47	21.4	15.3	7.7	77	13	5.5	0	0	0	0	0	0
2009-09-01	15:11:06	000+150E	696740	5554942	55080.42	21.4	-13.1	-5.8	77	4	5.5	0	0	0	0	0	0
2009-09-01	15:15:14	150E+030S	696751	5554914	55040.36	21.4	-15.4	-2.6	68	32	5.4	0	0	0	0	0	0
2009-09-01	15:24:14	150E+060S	696763	5554886	54909.94	21.4	-15.9	-2.9	76	10	5.5	0	0	0	0	0	0
2009-09-01	15:28:10	150E+090S	696774	5554859	55228.97	21.4	-16.7	-4.3	69	30	5.4	0	0	0	0	0	0
2009-09-01	15:42:58	150E+120S	696785	5554831	55012.85	21.4	-19	-2.1	60	43	5.3	0	0	0	0	0	0
2009-09-01	15:48:50	150E+150S	696796	5554803	54916.8	21.4	-25.5	0	55	43	5	0	0	0	0	0	0
2009-09-01	15:53:30	150E+180S	696808	5554775	54994	21.4	-22.8	-3.9	59	42	5.2	0	0	0	0	0	0
2009-09-01	15:57:22	150E+210S	696819	5554747	55100.54	21.4	-29.2	-5.1	64	32	5.1	0	0	0	0	0	0

Magnetics and VLF
Raw Data - Grid Area (3/5)

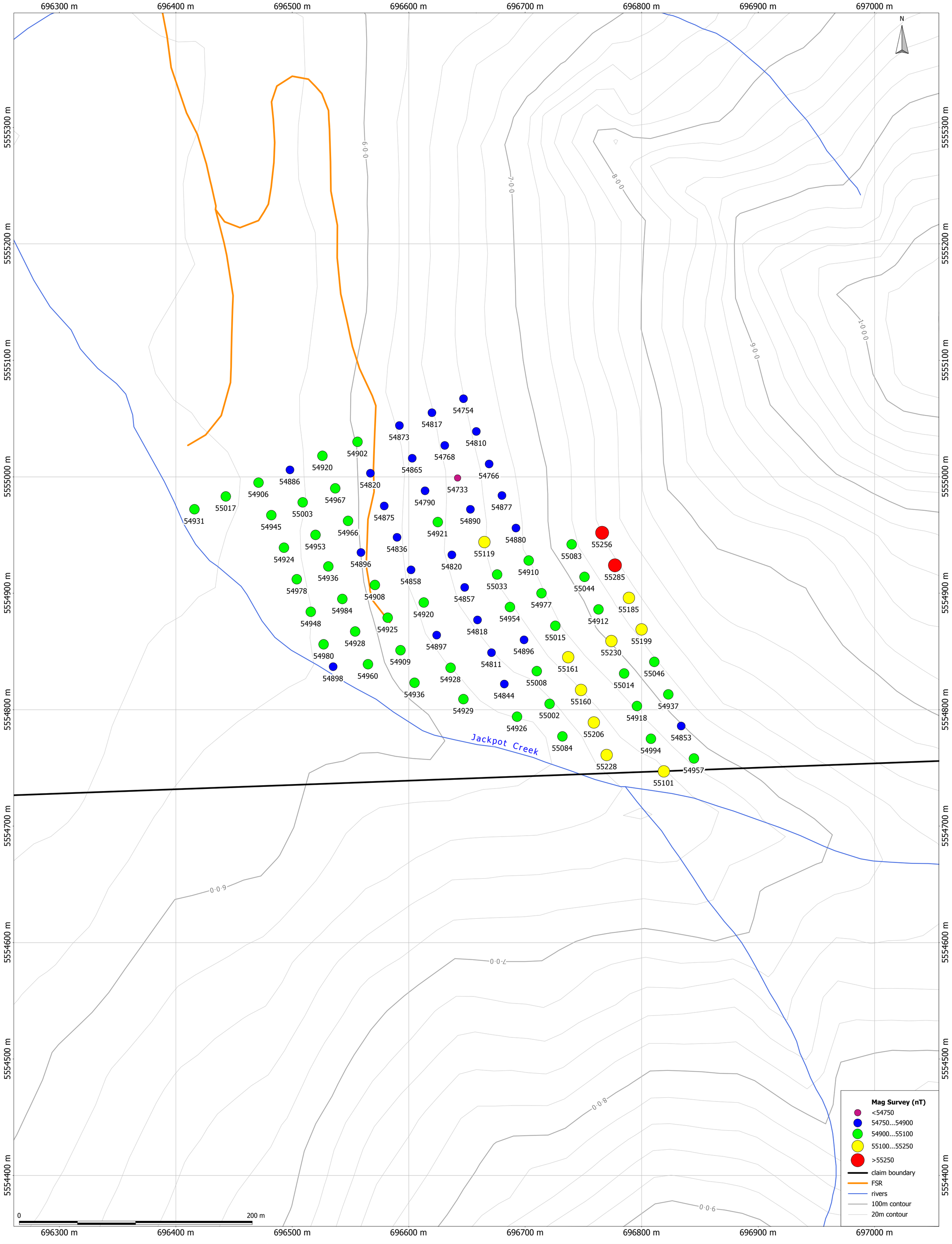
DATE	TIME	StationID	NAD83E	NAD83N	MAG	VLF1	IP1	OP1	X1	Y1	VLF1 total	VLF2	IP2	OP2	X2	Y2	VLF2 total
2009-09-01	16:11:54	180E+210S	696845	5554758	54957.93	21.4	31.8	7.7	125	31	4.6	0	0	0	0	0	0
2009-09-01	16:20:54	180E+180S	696834	5554786	54853.2	21.4	22.3	4.1	69	35	5.5	0	0	0	0	0	0
2009-09-01	16:24:26	180E+150S	696823	5554813	54936.85	21.4	21.1	1.4	60	47	5.4	0	0	0	0	0	0
2009-09-01	16:33:46	180E+120S	696811	5554841	55046.01	21.4	16.6	1.7	70	26	5.3	0	0	0	0	0	0
2009-09-01	16:36:30	180E+090S	696800	5554869	55198.77	21.4	19.5	1.6	64	41	5.4	0	0	0	0	0	0
2009-09-01	16:39:18	180E+060S	696789	5554896	55185.22	21.4	15.7	3.9	62	43	5.4	0	0	0	0	0	0
2009-09-01	16:44:58	180E+030S	696777	5554924	55284.56	21.4	10	-0.4	77	19	5.6	0	0	0	0	0	0
2009-09-01	16:50:22	000+180E	696766	5554952	55250.03	21.4	8.6	0.3	64	43	5.5	0	0	0	0	0	0
2009-09-01	16:52:30	000+180E	696766	5554952	55256.97	21.4	-13.1	-3.2	62	40	5.3	0	0	0	0	0	0
2009-09-01	16:56:06	000+150E	696740	5554942	55076.09	21.4	-12.7	-5.2	70	12	5.1	0	0	0	0	0	0
2009-09-01	16:59:50	000+120E	696703	5554928	54903.6	21.4	-12.5	-1	65	26	4.9	0	0	0	0	0	0
2009-09-01	17:03:38	000+090E	696676	5554916	55027.96	21.4	-15.4	-1.5	74	1	5.3	0	0	0	0	0	0
2009-09-01	17:06:10	000+060E	696648	5554905	54861.12	21.4	-18.2	-0.7	70	20	5.2	0	0	0	0	0	0
2009-09-01	17:08:46	000+030E	696613	5554892	54924.27	21.4	-21.1	-1.2	63	25	4.8	0	0	0	0	0	0
2009-09-01	17:11:10	000+000	696582	5554879	54933.93	21.4	-16.5	-4.2	60	25	4.6	0	0	0	0	0	0
2009-09-02	10:10:10	000+000	696582	5554879	54933.49	21.4	15.5	-0.6	86	31	3.2	0	0	0	0	0	0
2009-09-02	10:13:26	000+030E	696613	5554892	54924.3	21.4	17.2	-1.6	80	43	3.2	0	0	0	0	0	0
2009-09-02	10:16:22	000+060E	696648	5554905	54856.29	21.4	20.5	-2	91	37	3.5	0	0	0	0	0	0
2009-09-02	10:19:42	000+090E	696676	5554916	55041.85	21.4	16.5	0	90	38	3.5	0	0	0	0	0	0
2009-09-02	10:23:10	000+120E	696703	5554928	54911.61	21.4	14.5	1.1	96	39	3.7	0	0	0	0	0	0
2009-09-02	10:25:42	000+120E	696703	5554928	54911.85	21.4	18.7	-0.2	84	48	3.4	0	0	0	0	0	0
2009-09-02	10:31:42	120E+030N	696692	5554956	54876.52	21.4	14.6	1.3	86	51	3.5	0	0	0	0	0	0
2009-09-02	10:35:10	120E+060N	696680	5554984	54872.93	21.4	13.9	0.8	71	78	3.7	0	0	0	0	0	0
2009-09-02	11:30:30	000+090E	696676	5554916	55022.73	0	0	0	0	0	0	24	-24.9	-10.3	79	37	1.4
2009-09-02	11:34:14	000+060E	696648	5554905	54847.85	0	0	0	0	0	0	24	-20	-17.6	83	27	1.3
2009-09-02	11:37:34	000+030E	696613	5554892	54904.33	0	0	0	0	0	0	24	-33.6	-17.4	83	13	1.3
2009-09-02	11:40:34	000+000	696582	5554879	54921.45	0	0	0	0	0	0	24	-18.5	-15	81	16	1.3
2009-09-02	11:58:30	000+000	696582	5554879	54915.41	0	0	0	0	0	0	24	-0.3	-2.8	85	9	1.3
2009-09-02	12:01:50	000+030E	696613	5554892	54901.02	0	0	0	0	0	0	24	-7.7	-5.4	88	11	1.4
2009-09-02	12:05:14	000+060E	696648	5554905	54834.25	0	0	0	0	0	0	24	13.6	15.3	81	15	1.3
2009-09-02	12:07:38	000+060E	696648	5554905	54839.13	0	0	0	0	0	0	24	16.6	15.5	77	3	1.2
2009-09-02	12:10:26	060E+030N	696637	5554933	54811.36	0	0	0	0	0	0	24	15.6	15	71	23	1.1
2009-09-02	12:13:14	060E+060N	696625	5554961	54911.5	0	0	0	0	0	0	24	12.2	16.9	77	22	1.2
2009-09-02	12:17:18	060E+090N	696614	5554988	54780.58	0	0	0	0	0	0	24	10.6	18.1	73	35	1.2
2009-09-02	12:22:02	060E+120N	696603	5555016	54856.49	0	0	0	0	0	0	24	10.4	16.3	80	20	1.3
2009-09-02	12:27:14	060E+150N	696592	5555044	54865.6	0	0	0	0	0	0	24	8	16.2	82	11	1.3
2009-09-02	12:37:54	030E+150N	696556	5555030	54907.65	0	0	0	0	0	0	24	-6.6	-15.2	79	15	1.2
2009-09-02	12:40:58	030E+120N	696567	5555003	54811.58	0	0	0	0	0	0	24	-10.9	-15.8	70	19	1.1

Magnetics and VLF
Raw Data - Grid Area (4/5)

DATE	TIME	StationID	NAD83E	NAD83N	MAG	VLF1	IP1	OP1	X1	Y1	VLF1 total	VLF2	IP2	OP2	X2	Y2	VLF2 total
2009-09-02	12:47:38	030E+090N	696579	5554975	54868.76	0	0	0	0	0	0	24	-14.6	-15	70	30	1.2
2009-09-02	12:53:58	030E+060N	696590	5554948	54829.12	0	0	0	0	0	0	24	-16.4	-21.3	77	18	1.2
2009-09-02	12:58:58	030E+030N	696602	5554920	54851.21	0	0	0	0	0	0	24	-14	-13.2	73	27	1.2
2009-09-02	13:03:26	000+030E	696613	5554892	54908.47	0	0	0	0	0	0	24	-16.9	-19.1	70	26	1.1
2009-09-02	13:05:58	000+030E	696613	5554892	54903.78	0	0	0	0	0	0	24	-14.8	-21.6	72	9	1.1
2009-09-02	13:09:26	000+000	696582	5554879	54918.35	0	0	0	0	0	0	24	-17.2	-20.8	74	15	1.2
2009-09-02	14:01:06	000+000	696582	5554879	54924.33	0	0	0	0	0	0	24	-14.4	-15.3	73	8	1.1
2009-09-02	14:04:42	000+030W	696554	5554867	54918.64	0	0	0	0	0	0	24	-16.2	-16.6	74	10	1.2
2009-09-02	14:08:34	000+060W	696527	5554856	54972.58	0	0	0	0	0	0	24	-12	-14.1	71	14	1.1
2009-09-02	14:12:46	060W+020S	696535	5554837	54897.99	0	0	0	0	0	0	24	19.1	16.7	70	19	1.1
2009-09-02	14:16:02	000+060W	696527	5554856	54973.29	0	0	0	0	0	0	24	13.3	17	72	11	1.1
2009-09-02	14:19:46	060W+030N	696516	5554884	54948.08	0	0	0	0	0	0	24	14.5	19.6	75	20	1.2
2009-09-02	14:23:10	060W+060N	696504	5554912	54978.1	0	0	0	0	0	0	24	14	10.9	80	10	1.2
2009-09-02	14:27:30	060W+090N	696493	5554939	54923.81	0	0	0	0	0	0	24	16.2	16.4	77	14	1.2
2009-09-02	14:30:54	060W+120N	696482	5554967	54945.13	0	0	0	0	0	0	24	11	11.2	81	11	1.3
2009-09-02	14:34:34	060W+150N	696471	5554995	54906.22	0	0	0	0	0	0	24	10.6	10.4	85	10	1.3
2009-09-02	14:40:18	030W+150N	696498	5555006	54886.08	0	0	0	0	0	0	24	-10.3	-16.5	73	29	1.2
2009-09-02	14:43:50	030W+120N	696509	5554978	55003.35	0	0	0	0	0	0	24	-11.7	-12.7	79	12	1.2
2009-09-02	14:46:58	030W+090N	696520	5554950	54953.44	0	0	0	0	0	0	24	-9	-17.3	73	3	1.1
2009-09-02	14:47:22	030W+090N	696520	5554950	54954.05	0	0	0	0	0	0	24	-12.8	-11.4	78	4	1.2
2009-09-02	14:53:46	030W+060N	696531	5554923	54935.53	0	0	0	0	0	0	24	-17.5	-20	71	27	1.2
2009-09-02	14:56:58	030W+030N	696543	5554895	54984.3	0	0	0	0	0	0	24	-13.4	-16.3	75	12	1.2
2009-09-02	15:02:18	000+030W	696554	5554867	54921.69	0	0	0	0	0	0	24	-16.9	-15.3	71	18	1.1
2009-09-02	15:07:26	030W+030S	696565	5554839	54960.05	0	0	0	0	0	0	24	-14.8	-10.3	70	2	1.1
2009-09-02	15:12:14	000+060S	696605	5554823	54935.63	0	0	0	0	0	0	24	20.1	18.1	70	0	1.1
2009-09-02	15:14:58	000+030S	696593	5554851	54903.77	0	0	0	0	0	0	24	15.6	19.5	71	15	1.1
2009-09-02	15:17:18	000+000	696582	5554879	54925.54	0	0	0	0	0	0	24	16.7	19.7	74	13	1.2
2009-09-02	15:19:30	000+030N	696571	5554907	54908.14	0	0	0	0	0	0	24	17.5	20.9	72	20	1.1
2009-09-02	15:22:02	000+060N	696559	5554935	54895.89	0	0	0	0	0	0	24	19.2	20	73	24	1.2
2009-09-02	15:26:06	000+090N	696548	5554962	54966.32	0	0	0	0	0	0	24	14.7	12.6	74	15	1.2
2009-09-02	15:29:10	000+120N	696537	5554990	54967.48	0	0	0	0	0	0	24	10.2	17	73	26	1.2
2009-09-02	15:33:22	000+150N	696526	5555018	54920.91	0	0	0	0	0	0	24	5.9	13	77	16	1.2
2009-09-02	15:44:30	000+000	696582	5554879	54926.97	0	0	0	0	0	0	24	16	14.8	72	11	1.1
2009-09-03	10:27:46	000+000	696582	5554879	0	21.4	14.4	-2.8	99	21	3.6	24	22.9	8.7	77	11	1.2
2009-09-03	10:32:02	000+030E	696613	5554892	0	21.4	16.8	-4.1	97	39	3.7	24	21.5	7	78	27	1.3
2009-09-03	10:35:30	000+060E	696648	5554905	0	21.4	17.9	-5.5	100	44	3.9	24	18.4	7.2	76	27	1.2
2009-09-03	10:37:58	000+060E	696648	5554905	0	21.4	20.3	1.2	106	27	3.9	24	19.8	10.3	84	11	1.3
2009-09-03	10:41:10	060E+030N	696637	5554933	0	21.4	18.9	-0.7	101	48	3.9	24	19.9	7.6	87	23	1.4

Magnetics and VLF
Raw Data - Grid Area (5/5)

DATE	TIME	StationID	NAD83E	NAD83N	MAG	VLF1	IP1	OP1	X1	Y1	VLF1 total	VLF2	IP2	OP2	X2	Y2	VLF2 total
2009-09-03	10:44:02	060E+060N	696625	5554961	0	21.4	17.4	-1.9	102	48	4	24	18.2	6	79	21	1.3
2009-09-03	10:53:54	060E+090N	696614	5554988	0	21.4	24.6	1.9	91	68	4	24	22.2	14.3	82	36	1.4
2009-09-03	11:03:34	060E+120N	696603	5555016	0	21.4	20.4	0.1	118	28	4.3	24	15.5	13.3	85	19	1.3
2009-09-03	11:09:02	060E+150N	696592	5555044	0	21.4	16.3	-1.7	116	49	4.5	24	11.8	8	87	21	1.4
2009-09-03	11:16:46	090E+150N	696620	5555055	0	21.4	9.8	-1.6	124	61	4.9	24	8.9	10.8	91	35	1.5
2009-09-03	11:23:10	090E+120N	696631	5555027	0	21.4	-4.8	-2.9	71	11	5.1	24	-8.8	-10.6	91	5	1.4
2009-09-03	11:27:58	090E+090N	696642	5554999	0	21.4	-3.1	-1.9	67	21	5	24	-9.3	-8.3	83	23	1.3
2009-09-03	11:33:06	090E+060N	696653	5554972	0	21.4	-8.9	0.7	63	18	4.7	24	-13.6	-3.6	87	14	1.4
2009-09-03	11:41:18	090E+030N	696665	5554944	0	21.4	-10.8	0.6	70	10	5	24	-19.9	-8.6	86	13	1.3
2009-09-03	11:46:34	000+090E	696676	5554916	0	21.4	-16.7	-2.3	64	16	4.7	24	-17.1	-11.8	78	16	1.2
2009-09-03	11:52:18	000+120E	696703	5554928	0	21.4	14.4	2.8	64	19	4.7	24	19.5	6.5	85	21	1.3
2009-09-03	11:58:30	120E+030N	696692	5554956	0	21.4	8.2	1.5	64	32	5.1	24	15.8	5.2	87	24	1.4
2009-09-03	12:02:54	120E+060N	696680	5554984	0	21.4	6.5	-4.2	68	18	5	24	15.1	3.9	87	19	1.4
2009-09-03	12:08:38	120E+090N	696669	5555011	0	21.4	2.6	-1	63	34	5.1	24	5.4	5.6	80	34	1.3
2009-09-03	12:13:50	120E+120N	696658	5555039	0	21.4	0.5	-0.6	77	25	5.8	24	8.2	5.3	93	24	1.5
2009-09-03	12:18:02	120E+150N	696647	5555067	0	21.4	2	-3.7	79	24	5.9	24	4	0.7	94	21	1.5
2009-09-03	12:27:22	090E+150N	696620	5555055	0	21.4	4.2	-5.2	76	31	5.8	24	9.2	5.4	97	22	1.5
2009-09-03	12:35:38	060E+150N	696592	5555044	0	0	0	0	0	0	0	24	11.6	9.4	88	14	1.4
2009-09-03	12:51:58	000+000	696582	5554879	0	21.4	17.4	3.3	122	30	4.5	24	13.8	12.9	84	10	1.3
2009-09-03	15:15:22	000+000	696582	5554879	0	21.4	-14.7	-1.2	66	21	4.9	24	-28.9	-13.6	47	6	1.5
2009-09-03	15:21:34	030E+150N	696556	5555030	0	21.4	13.2	0.4	68	34	5.4	24	17.3	12.9	82	25	1.3
2009-09-03	15:30:22	000+150N	696526	5555018	0	21.4	5.1	4.4	68	20	5	24	13.3	16.8	83	15	1.3
2009-09-03	15:35:10	030W+150N	696498	5555006	0	21.4	6.6	3.2	71	26	5.4	24	21.6	14.7	88	13	1.4
2009-09-03	15:39:06	060W+150N	696471	5554995	0	21.4	3.1	1.6	70	22	5.2	24	15.3	12.5	91	14	1.4
2009-09-03	15:42:30	090W+150N	696443	5554983	0	21.4	-14.3	0.4	62	32	5	24	-13.7	3.4	86	25	1.4
2009-09-03	15:47:30	120W+150N	696416	5554972	0	21.4	-15.2	0.3	71	2	5	24	-12.2	1.9	87	-4	1.3
2009-09-03	16:01:26	000+000	696582	5554879	0	21.4	-13.4	0.3	64	15	4.7	24	-13.4	2.5	88	9	1.4



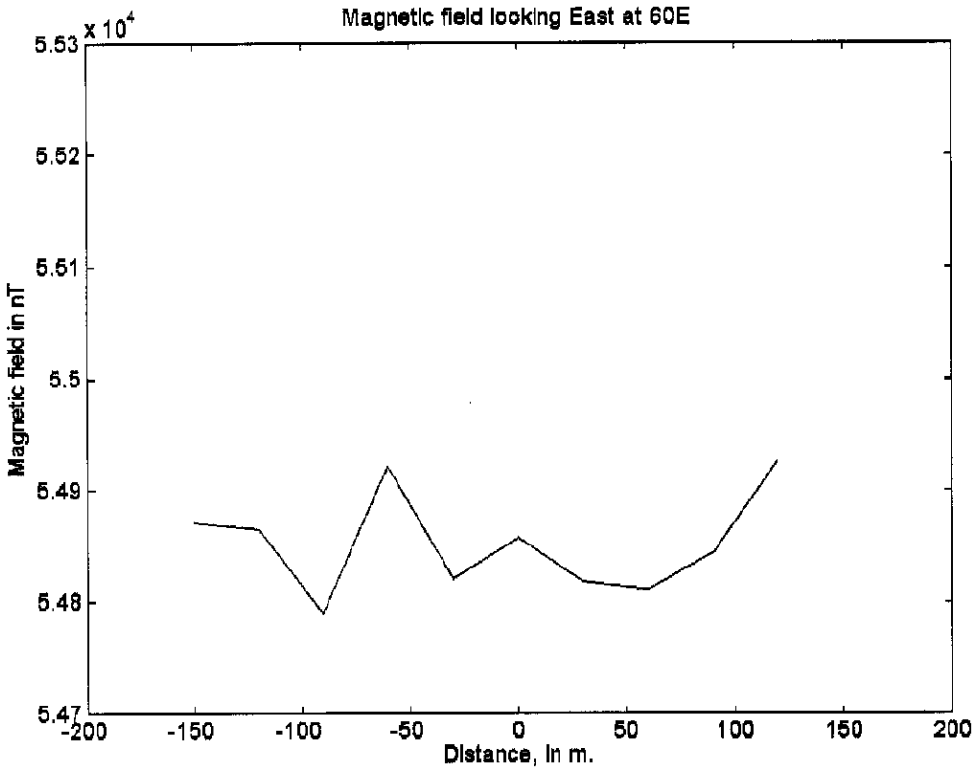
Projection/Datum: UTM 9(N) NAD83
scale: 1:2000

0 200 m

THE FLAN PROJECT

October 2010

Figure 23:
Location of Magnetometer Response (corrected), numeric



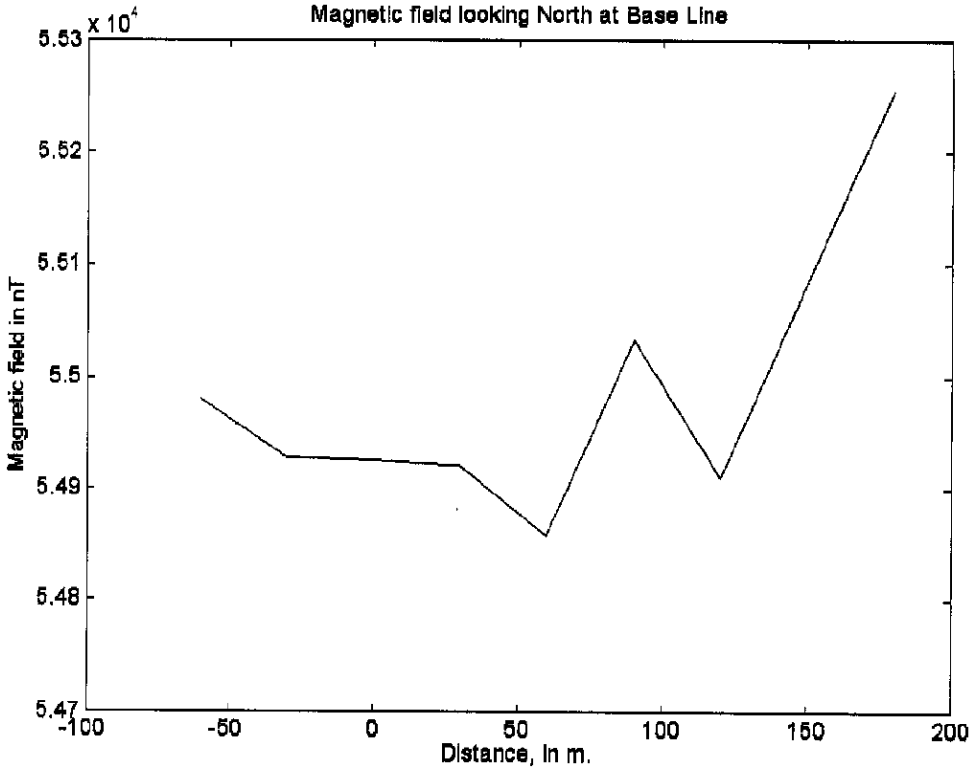
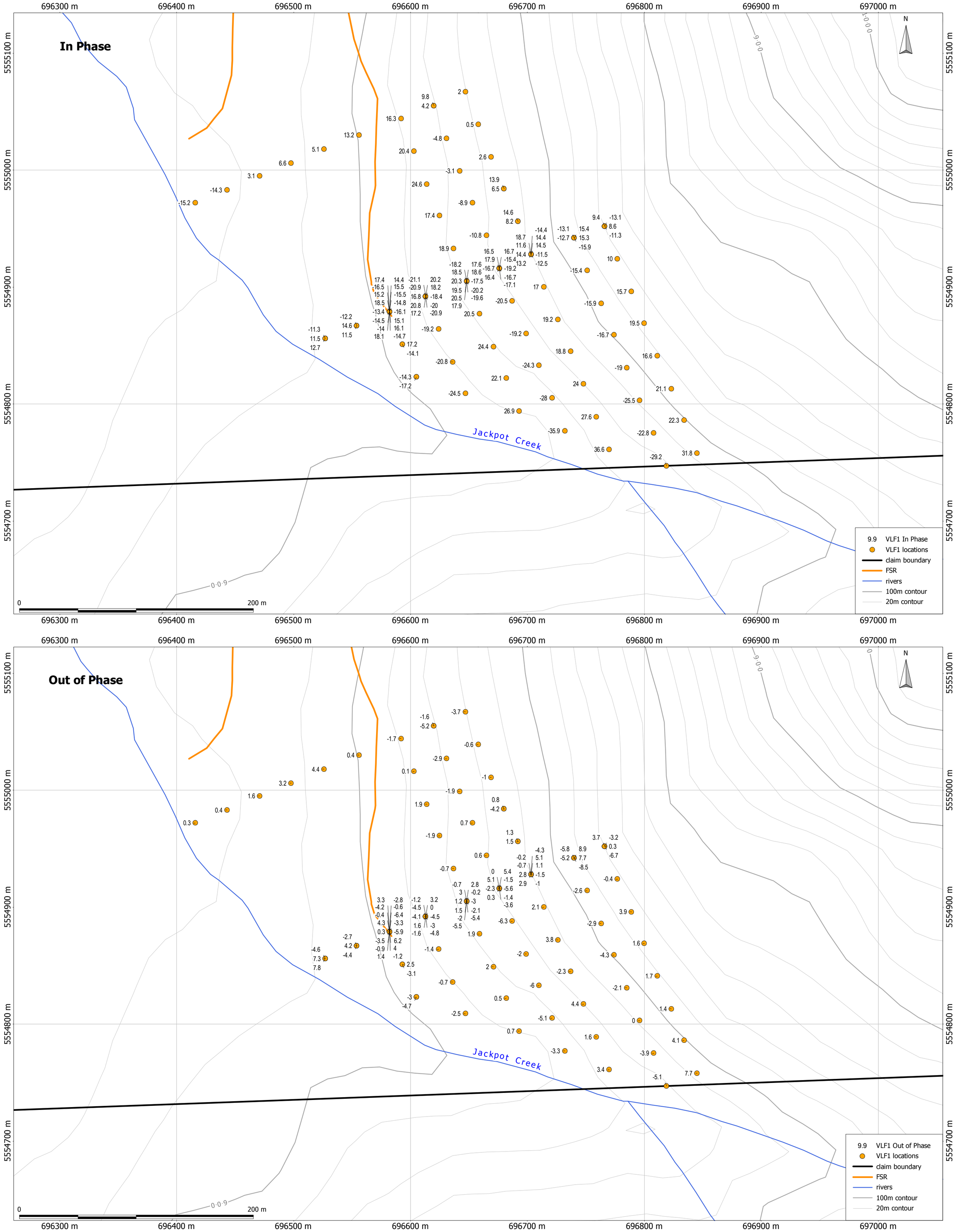


Figure 24:
Profiles of Magnetometer
(along 60 E & Baseline)



Projection/Datum: UTM 9(N) NAD83 scale: 1:2000 0 — 200 m	**THE FLAN PROJECT** **October 2010**	**Figure 25:** **Location of VLF1 (Hawaii) numeric response**

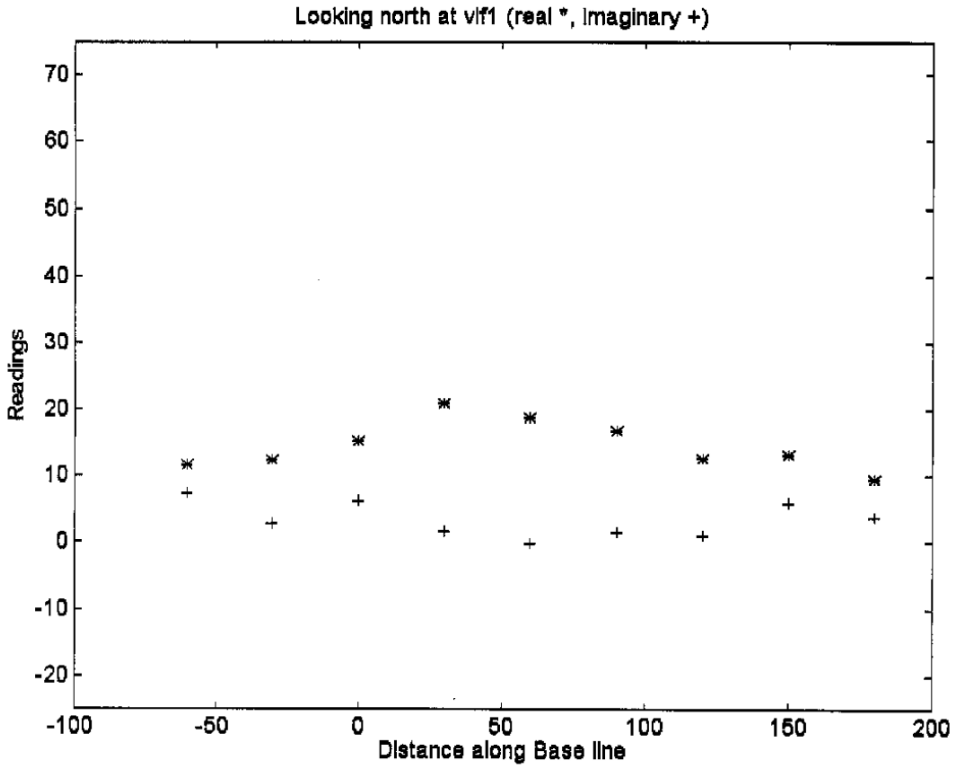


Figure 26:
Profile of VLF1 (Hawaii) along baseline

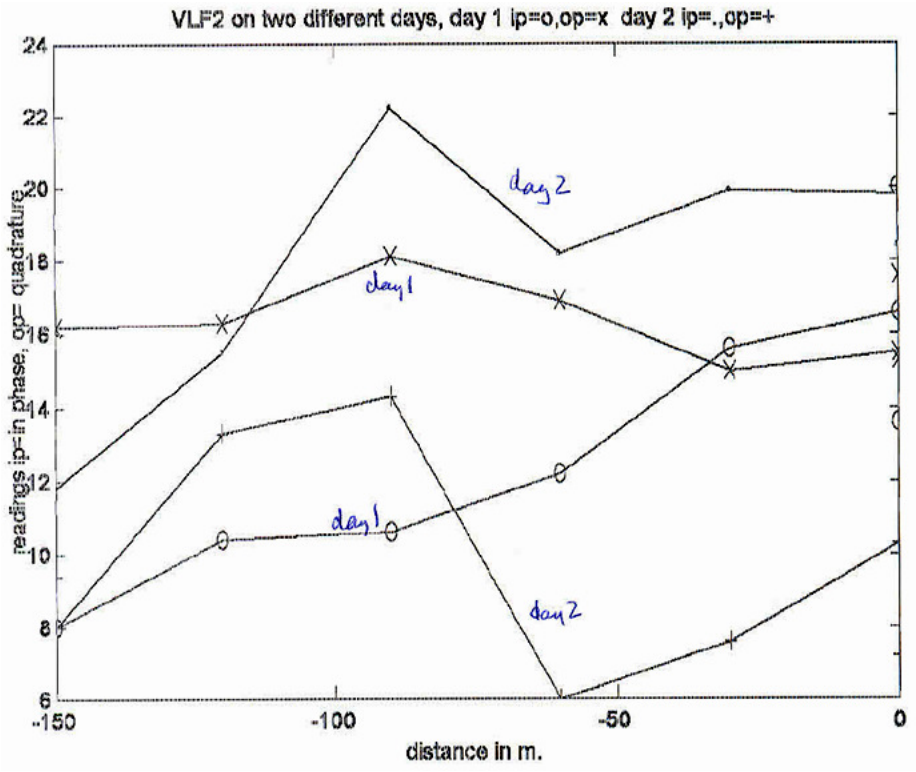


Figure 27:
Profile of VLF2 (Annapolis) along 60 E
showing large variability in data

Appendix D- Assay certificates

Regional

Assays (AcmeLabs), aqua regia extraction

Acme VAN09003260.1. 20 regional till matrix samples 1DX1

Acme VAN09003261.2 122 regional silt samples 1DX1, 3 FA-ICP

Acme VAN09003259.3 66 regional rock samples by 1DX1, 40 by FA–ICP, 3 FA by gravimetric, 10 assays for Cu and Ag

Acme VAN09003259R.1, 4 rock samples redone by 1DX1 and same 4 by FA-ICP

Acme VAN09004636.1 74 regional soil mid B horizon samples 1DX1

Acme VAN09004648.1 12 regional silt samples 1DX1

Acme VAN09004878.1, 3 rock samples done by 1DX1 and same 3 by FA-ICP

Acme VAN09004765.1 21 regional rock samples 1DX1 and 21 FA-ICP, 4 Total Rock with traces

Grid

Assays (Act Labs), Enhanced Enzyme Leach from a Grid

ActLabs A09-3923, of 78 samples from A/B horizon on grid **,** 30 m spacing, by INAA

Assays (AcmeLabs), aqua regia extraction

Acme VAN09003789.1 48 selected samples from A/B horizon on grid **,** 30 m spacing 1DX1

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Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: July 30, 2009
Report Date: August 10, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09003260.1

CLIENT JOB INFORMATION

Project: FLAN
Shipment ID:
P.O. Number
Number of Samples: 20

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Soil Pulverize	20	Soil Pulverize			VAN
1DX	20	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

ADDITIONAL COMMENTS

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

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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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Project: FLAN
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003260.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
MF09-194T	Till		0.7	107.4	2.0	74	<0.1	31.5	15.0	308	2.81	6.4	0.4	0.7	0.6	29	0.3	<0.1	<0.1	97	0.77
MF09-209T	Till		0.4	118.9	1.3	24	<0.1	24.0	10.3	225	1.94	2.3	0.3	1.9	0.8	41	<0.1	<0.1	<0.1	69	0.86
MF09-210T	Till		0.9	154.8	1.3	29	<0.1	23.9	11.4	341	1.89	2.3	0.3	1.9	0.4	57	<0.1	<0.1	<0.1	66	1.08
MF09-212T1	Till		1.6	105.5	4.2	12	0.4	7.7	2.9	51	2.06	0.7	0.9	1.0	0.3	7	0.3	0.1	0.1	49	0.15
MF09-212T2	Till		0.7	130.2	1.8	29	<0.1	26.0	10.8	217	2.14	2.2	0.2	0.9	0.6	40	<0.1	<0.1	<0.1	76	0.85
MF09-215T1	Till		2.4	161.4	6.4	47	<0.1	26.2	15.2	352	4.65	3.8	0.6	5.0	0.6	15	<0.1	0.1	0.3	155	0.38
MF09-215T2	Till		0.5	297.8	1.6	39	<0.1	32.9	14.8	315	2.56	2.6	0.4	3.1	0.7	41	0.1	<0.1	<0.1	91	1.13
MF09-216T	Till		3.4	276.0	4.2	110	0.3	27.9	27.2	1198	7.16	4.6	0.3	44.2	0.9	41	0.5	<0.1	0.8	228	0.75
MF09-217T1	Till		7.9	320.3	13.3	114	1.8	25.9	28.9	1867	17.57	66.2	0.2	102.4	0.4	7	0.1	0.4	1.5	370	0.15
MF09-217T2	Till		5.7	305.7	7.4	111	1.3	25.9	30.5	1905	16.51	40.4	0.3	78.2	0.4	4	0.2	0.3	1.1	380	0.15
MF09-217T3	Till		10.6	537.4	10.8	128	1.9	61.6	39.0	1936	17.70	37.6	0.2	82.2	0.5	2	0.2	0.3	1.4	312	0.19
MF09-218T	Till		0.4	189.8	1.4	36	<0.1	21.4	11.7	241	2.45	1.3	0.3	5.2	0.8	41	0.2	<0.1	<0.1	87	1.01
MF09-A220T	Till		0.3	172.5	1.8	39	<0.1	32.3	14.6	311	2.49	4.1	0.3	4.3	0.8	54	0.3	0.1	<0.1	88	1.09
MF09-222T	Till		0.5	187.3	2.7	47	<0.1	28.3	14.5	328	2.58	7.7	0.3	1.8	0.8	48	0.3	<0.1	<0.1	90	0.91
MF09-A239T	Till		0.4	161.9	2.4	42	<0.1	58.8	17.6	317	2.54	5.2	0.4	1.2	0.5	33	0.2	0.1	0.2	76	0.92
MF09-A244T	Till		0.3	194.9	3.3	45	<0.1	57.2	20.3	356	2.99	6.7	0.3	3.0	0.5	36	0.2	<0.1	0.1	95	1.21
MF09-A247T	Till		4.1	152.6	2.8	61	0.1	40.1	48.8	1461	10.92	77.7	1.2	2.7	0.6	56	0.6	0.2	<0.1	135	1.64
MF09-A248T	Till		1.5	231.1	8.3	167	0.4	86.3	66.9	2025	5.55	201.0	15.4	2.0	0.4	29	4.0	0.4	0.6	176	1.18
MF09-A285T	Till		0.8	22.9	3.9	22	<0.1	10.0	3.9	764	1.38	0.8	8.0	<0.5	6.2	27	<0.1	<0.1	<0.1	21	0.37
MF09-M314T	Till		0.4	33.2	3.9	25	<0.1	15.4	4.9	268	1.22	4.2	2.7	1.8	3.5	13	<0.1	<0.1	<0.1	31	0.37

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1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: FLAN
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003260.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
MF09-194T	Till	0.065	3	42	0.80	54	0.247	<20	2.31	0.086	0.03	0.1	0.03	4.3	<0.1	<0.05	7	0.6
MF09-209T	Till	0.056	3	42	0.55	41	0.192	<20	1.85	0.124	0.05	<0.1	<0.01	3.4	<0.1	<0.05	5	<0.5
MF09-210T	Till	0.059	3	40	0.52	41	0.167	<20	2.29	0.186	0.04	<0.1	<0.01	3.2	<0.1	<0.05	5	<0.5
MF09-212T1	Till	0.057	4	34	0.11	21	0.111	<20	4.37	0.011	0.01	<0.1	0.26	3.9	<0.1	<0.05	6	3.7
MF09-212T2	Till	0.059	3	33	0.56	51	0.179	<20	2.05	0.122	0.03	<0.1	<0.01	3.1	<0.1	<0.05	5	<0.5
MF09-215T1	Till	0.055	5	44	0.79	22	0.221	<20	3.04	0.027	0.02	0.1	0.09	5.6	<0.1	<0.05	10	1.1
MF09-215T2	Till	0.067	4	41	0.73	42	0.222	<20	2.15	0.137	0.04	<0.1	<0.01	4.5	<0.1	<0.05	6	<0.5
MF09-216T	Till	0.080	6	32	1.25	66	0.212	<20	3.41	0.100	0.04	0.2	0.03	10.9	<0.1	0.16	11	1.0
MF09-217T1	Till	0.072	3	24	2.16	47	0.214	<20	5.11	0.003	<0.01	0.3	0.01	17.9	<0.1	<0.05	23	7.2
MF09-217T2	Till	0.075	3	26	2.23	56	0.201	<20	5.43	0.003	<0.01	0.3	<0.01	18.4	<0.1	<0.05	23	4.6
MF09-217T3	Till	0.071	3	22	2.11	38	0.169	<20	4.86	0.002	0.02	0.2	<0.01	17.9	<0.1	2.94	22	9.0
MF09-218T	Till	0.066	5	27	0.69	57	0.200	<20	1.93	0.117	0.04	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5
MF09-A220T	Till	0.060	4	44	0.73	64	0.228	<20	2.05	0.124	0.08	<0.1	0.01	4.7	<0.1	<0.05	6	<0.5
MF09-222T	Till	0.067	4	32	0.78	90	0.179	<20	1.87	0.095	0.05	0.2	<0.01	4.5	<0.1	<0.05	6	<0.5
MF09-A239T	Till	0.052	2	82	0.93	18	0.278	<20	2.13	0.114	0.04	0.1	0.02	3.5	<0.1	<0.05	6	<0.5
MF09-A244T	Till	0.059	3	73	1.02	15	0.335	<20	2.09	0.116	0.03	<0.1	0.01	3.9	<0.1	<0.05	7	<0.5
MF09-A247T	Till	0.057	3	84	0.89	36	0.300	<20	2.69	0.223	0.05	0.2	0.05	6.4	<0.1	<0.05	7	0.6
MF09-A248T	Till	0.057	5	274	1.01	21	0.334	<20	4.38	0.052	0.03	0.1	0.14	8.0	<0.1	0.06	14	0.9
MF09-A285T	Till	0.013	10	31	0.24	43	0.094	<20	1.03	0.058	0.12	0.1	<0.01	2.6	<0.1	<0.05	4	<0.5
MF09-M314T	Till	0.027	5	30	0.31	24	0.130	<20	1.12	0.060	0.06	0.1	0.02	2.0	<0.1	<0.05	3	<0.5

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Project: FLAN
Report Date: August 10, 2009

QUALITY CONTROL REPORT VAN09003260.1

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
MF09-222T	Till		0.5	187.3	2.7	47	<0.1	28.3	14.5	328	2.58	7.7	0.3	1.8	0.8	48	0.3	<0.1	<0.1	90	0.91
REP MF09-222T	QC		0.6	191.9	2.5	51	<0.1	28.1	14.6	331	2.66	7.9	0.4	2.9	1.0	48	0.3	<0.1	<0.1	91	0.86
Reference Materials																					
STD DS7	Standard		21.0	116.4	76.4	427	0.8	58.5	10.3	641	2.42	56.3	5.3	51.1	4.7	77	6.3	5.8	5.1	80	0.89
STD OREAS45PA	Standard		1.2	602.0	20.3	120	0.2	287.9	106.6	1060	15.21	4.5	1.3	38.3	6.6	15	<0.1	0.2	0.2	199	0.22
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
STD OREAS45PA Expected			0.9	646	19	122	0.3	281	104	1085	16.559	4.2	1.2	49	6.5	14	0.09	0.38	0.18	209	0.222
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		0.1	1.7	2.2	43	<0.1	3.4	4.3	517	1.78	<0.5	1.7	<0.5	3.2	42	<0.1	<0.1	0.1	37	0.41
G1	Prep Blank		0.2	2.1	2.4	45	<0.1	4.0	4.2	540	1.83	<0.5	1.5	<0.5	3.3	51	<0.1	<0.1	0.1	35	0.44

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Project: FLAN
Report Date: August 10, 2009

QUALITY CONTROL REPORT VAN09003260.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																		
MF09-222T	Till	0.067	4	32	0.78	90	0.179	<20	1.87	0.095	0.05	0.2	<0.01	4.5	<0.1	<0.05	6	<0.5
REP MF09-222T	QC	0.068	4	33	0.81	86	0.175	<20	1.96	0.098	0.04	0.2	<0.01	4.3	<0.1	<0.05	6	<0.5
Reference Materials																		
STD DS7	Standard	0.080	12	200	1.02	407	0.120	44	1.00	0.099	0.45	3.4	0.18	2.2	4.2	0.16	5	3.4
STD OREAS45PA	Standard	0.031	16	771	0.10	184	0.125	<20	3.16	0.010	0.07	<0.1	0.03	40.2	<0.1	<0.05	16	<0.5
STD DS7 Expected		0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
STD OREAS45PA Expected		0.034	13.7	873	0.1125	190	0.13		3.23	0.011	0.0665	1.1	0.03	43	0.07	0.03	16.8	0.86
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
Prep Wash																		
G1	Prep Blank	0.087	6	7	0.55	235	0.124	<20	0.82	0.052	0.54	<0.1	<0.01	1.7	0.3	<0.05	4	<0.5
G1	Prep Blank	0.079	6	26	0.53	239	0.121	<20	0.82	0.046	0.51	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5

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Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: July 30, 2009
Report Date: August 28, 2009
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN09003261.2

CLIENT JOB INFORMATION

Project: FLAN
Shipment ID:
P.O. Number
Number of Samples: 122

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	119	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	119	Dry at 60C			VAN
1DX	119	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
3B	3	Fire assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : G3B-Au included.

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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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Project: FLAN
Report Date: August 28, 2009

CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
AF 09012S	Silt	2.8	131.1	14.6	145	0.2	38.0	22.9	1714	2.19	114.8	16.1	7.6	1.7	28	1.9	0.5	0.2	47	0.88	0.048
AF 09019S	Silt	1.7	168.4	11.9	80	0.1	71.7	26.3	640	3.84	20.4	1.8	4.4	0.8	36	0.5	0.2	0.2	103	1.12	0.048
AF 09020S	Silt	1.6	157.3	10.2	77	0.1	71.6	26.8	678	4.06	17.1	1.4	4.4	0.9	35	0.3	0.2	0.2	117	1.09	0.046
AF 09021S	Silt	1.3	151.9	9.5	76	<0.1	69.6	22.8	568	3.76	15.4	1.6	1.3	0.9	29	0.4	0.1	0.2	109	0.99	0.040
AF 09023S	Silt	1.0	149.1	7.7	70	<0.1	66.0	23.8	572	4.06	14.4	1.5	30.5	0.6	32	0.3	0.2	0.2	110	1.09	0.041
AF 09024S	Silt	3.4	142.8	8.5	71	<0.1	62.4	22.3	549	3.59	14.1	1.2	1.7	0.8	32	0.3	0.1	0.2	105	1.02	0.040
AF 09025S	Silt	1.6	148.0	10.1	67	<0.1	58.4	24.1	585	3.38	19.4	1.8	10.8	0.7	38	0.3	0.1	0.2	96	1.16	0.045
AF 09026S	Silt	1.8	178.9	11.6	79	0.1	79.1	28.9	677	4.00	15.0	2.2	0.6	0.6	35	0.3	0.2	0.2	107	1.07	0.046
AF 09027S	Silt	1.5	162.8	13.8	78	<0.1	78.3	27.6	652	4.05	15.1	1.9	5.7	0.8	34	0.3	0.1	0.2	110	1.07	0.044
AF 09028S	Silt	1.1	189.4	4.6	69	0.1	45.6	25.3	513	3.95	76.5	1.0	8.6	0.6	45	0.3	0.2	0.2	109	1.11	0.045
AF 09029S	Silt	1.8	155.6	12.8	77	<0.1	72.5	28.5	727	3.86	15.6	1.7	3.0	0.7	35	0.4	0.2	0.2	99	1.07	0.046
AF 09031S	Silt	6.2	124.7	12.8	109	0.1	54.2	25.7	1386	3.34	23.8	10.1	1.6	1.1	28	0.8	0.2	0.3	83	0.77	0.045
AF 09034T	Silt	0.5	191.1	2.4	40	<0.1	42.0	16.9	207	2.38	6.2	0.9	0.7	0.5	33	0.1	<0.1	<0.1	80	0.73	0.054
AF 09035T	Silt	1.0	530.5	126.1	301	0.9	25.5	20.1	377	1.89	7.3	1.9	4.0	4.6	45	1.0	0.1	1.3	42	1.08	0.036
AF 09036T	Silt	8.2	520.6	250.5	285	2.0	51.3	24.9	588	5.00	17.4	2.9	7.9	0.8	35	2.7	0.2	2.6	109	0.88	0.057
AF 09037S	Silt	1.9	174.1	5.9	77	0.2	52.0	25.9	592	3.63	58.7	0.8	42.6	0.5	54	0.4	0.3	0.2	114	1.61	0.061
AF 09038S	Silt	2.0	191.9	6.4	83	0.2	52.3	30.1	670	3.51	57.0	1.1	8.4	0.5	56	0.5	0.4	0.2	98	1.60	0.075
AF 09039S	Silt	1.4	334.7	16.8	73	0.2	47.7	27.3	588	3.89	66.1	1.0	13.7	0.7	53	0.5	0.3	0.2	116	1.35	0.055
AF 09M256S	Silt	3.3	46.9	8.7	65	0.2	26.4	12.4	2188	2.07	2.3	2.3	<0.5	0.7	15	0.8	0.1	0.3	61	0.60	0.038
BF09003S	Silt	0.5	283.9	2.7	157	0.3	32.8	16.4	329	2.25	11.0	0.6	8.8	0.7	33	1.2	0.2	<0.1	75	1.14	0.079
BF09012S	Silt	1.1	233.4	8.0	72	0.1	55.9	31.1	535	3.82	21.6	0.2	1.1	0.2	77	0.4	0.2	<0.1	103	1.82	0.074
BF09013S	Silt	0.3	61.8	3.8	23	<0.1	14.8	5.5	118	1.55	1.3	0.5	0.8	0.1	8	<0.1	0.1	<0.1	73	0.31	0.060
BF09014S	Silt	1.5	90.5	3.3	32	0.1	14.1	9.9	315	2.09	13.5	21.8	0.8	0.3	30	0.1	<0.1	<0.1	68	0.70	0.073
BF09015S	Silt	0.9	117.1	7.0	63	0.1	34.9	18.9	563	3.12	9.7	2.9	3.8	0.5	42	0.3	<0.1	<0.1	97	1.35	0.070
BF09016SA	Silt	0.6	208.2	4.6	69	0.1	48.6	25.1	619	3.98	142.2	0.7	21.6	1.0	51	0.3	0.3	0.5	108	1.40	0.059
BF09016SB	Silt	0.4	136.1	4.9	103	0.1	39.4	21.1	704	3.43	71.1	1.1	19.6	1.4	68	0.8	0.2	<0.1	82	1.96	0.055
BF09018S	Silt	3.2	170.2	10.5	89	0.3	58.4	42.5	1033	3.93	22.1	0.7	5.7	0.1	53	0.6	0.5	<0.1	110	1.29	0.080
BF09019S	Silt	0.4	120.7	4.0	96	0.1	33.3	17.7	637	3.08	75.8	0.9	10.9	1.4	63	0.8	0.2	<0.1	73	1.86	0.049
BF09020S	Silt	0.4	136.8	5.4	91	0.1	33.2	19.4	608	3.20	72.8	1.0	18.5	1.1	68	0.8	0.1	<0.1	73	1.86	0.056
BF09021S	Silt	0.3	146.8	6.6	119	0.2	30.4	19.5	723	3.33	93.0	1.7	36.8	1.4	71	1.1	0.2	0.1	78	1.96	0.054

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Project: FLAN
Report Date: August 28, 2009

CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	2
AF 09012S	Silt	11	40	0.39	89	0.041	<20	1.98	0.024	0.06	0.6	0.11	2.8	<0.1	0.16	4	3.3	N.A.
AF 09019S	Silt	3	82	1.35	29	0.203	<20	2.78	0.037	0.03	3.0	0.03	4.3	<0.1	<0.05	8	1.0	N.A.
AF 09020S	Silt	2	87	1.34	28	0.235	<20	2.89	0.040	0.03	1.7	0.02	4.0	<0.1	<0.05	8	0.8	N.A.
AF 09021S	Silt	3	78	1.42	22	0.237	<20	2.78	0.032	0.02	3.6	<0.01	3.8	<0.1	<0.05	8	1.3	N.A.
AF 09023S	Silt	3	84	1.30	24	0.251	<20	2.58	0.036	0.03	0.3	0.02	4.1	<0.1	<0.05	8	1.1	N.A.
AF 09024S	Silt	3	82	1.23	27	0.230	<20	2.48	0.032	0.03	0.3	<0.01	3.9	<0.1	<0.05	8	1.0	N.A.
AF 09025S	Silt	3	68	1.21	28	0.182	<20	3.10	0.037	0.03	0.9	0.02	3.7	<0.1	<0.05	8	1.2	N.A.
AF 09026S	Silt	3	93	1.57	24	0.259	<20	3.00	0.037	0.02	1.7	0.03	4.4	<0.1	<0.05	8	0.9	N.A.
AF 09027S	Silt	3	91	1.49	22	0.249	<20	2.98	0.037	0.02	1.0	0.03	4.3	<0.1	<0.05	9	1.6	N.A.
AF 09028S	Silt	3	53	0.97	70	0.169	<20	3.77	0.034	0.03	<0.1	0.03	4.7	<0.1	<0.05	10	1.4	N.A.
AF 09029S	Silt	2	87	1.47	19	0.212	<20	2.97	0.037	0.03	3.1	0.02	3.9	<0.1	<0.05	8	1.3	N.A.
AF 09031S	Silt	7	70	0.99	45	0.170	<20	3.37	0.032	0.03	1.0	0.06	3.5	<0.1	<0.05	8	1.2	N.A.
AF 09034T	Silt	3	39	0.63	102	0.120	<20	2.70	0.073	0.03	<0.1	0.02	2.8	<0.1	<0.05	6	0.7	N.A.
AF 09035T	Silt	5	15	0.31	101	0.034	<20	2.86	0.025	0.11	<0.1	0.05	1.8	<0.1	<0.05	6	1.4	N.A.
AF 09036T	Silt	3	51	0.91	79	0.138	<20	3.03	0.060	0.03	0.2	0.03	3.8	<0.1	0.09	8	3.1	N.A.
AF 09037S	Silt	3	58	0.95	65	0.175	<20	2.98	0.062	0.05	<0.1	0.03	4.4	<0.1	0.09	9	3.8	N.A.
AF 09038S	Silt	3	55	0.95	73	0.152	<20	3.55	0.066	0.05	<0.1	0.04	4.3	<0.1	0.08	8	3.7	N.A.
AF 09039S	Silt	4	62	1.00	78	0.180	<20	3.54	0.061	0.04	<0.1	0.03	5.2	<0.1	<0.05	10	2.1	N.A.
AF 09M256S	Silt	4	50	0.22	52	0.143	<20	2.04	0.024	0.02	0.8	0.12	2.3	<0.1	0.05	7	1.3	N.A.
BF09003S	Silt	6	44	0.66	72	0.119	<20	4.49	0.073	0.03	<0.1	0.04	6.6	<0.1	0.05	6	2.5	N.A.
BF09012S	Silt	2	64	1.15	40	0.181	<20	4.33	0.064	0.05	<0.1	0.02	4.2	<0.1	0.06	11	1.6	N.A.
BF09013S	Silt	4	39	0.43	17	0.238	<20	2.35	0.018	0.02	<0.1	0.04	3.9	<0.1	0.09	14	1.8	N.A.
BF09014S	Silt	7	30	0.49	49	0.106	<20	3.54	0.033	0.03	<0.1	0.04	2.7	<0.1	0.07	8	1.8	N.A.
BF09015S	Silt	5	42	0.77	49	0.166	<20	3.17	0.031	0.03	<0.1	0.06	4.2	<0.1	<0.05	8	1.7	N.A.
BF09016SA	Silt	6	59	1.11	44	0.187	<20	2.97	0.040	0.05	<0.1	0.02	5.4	<0.1	<0.05	9	1.4	N.A.
BF09016SB	Silt	5	60	1.09	42	0.157	<20	4.27	0.035	0.07	<0.1	0.02	5.7	<0.1	<0.05	10	1.2	N.A.
BF09018S	Silt	3	83	0.82	99	0.098	<20	3.52	0.032	0.05	<0.1	0.13	4.4	<0.1	0.07	9	4.4	N.A.
BF09019S	Silt	5	48	0.92	36	0.127	<20	3.19	0.026	0.06	<0.1	0.02	5.0	<0.1	<0.05	9	0.9	N.A.
BF09020S	Silt	5	55	0.91	34	0.097	<20	3.92	0.024	0.06	<0.1	0.02	4.9	<0.1	<0.05	9	1.2	N.A.
BF09021S	Silt	6	50	0.91	37	0.091	<20	3.70	0.020	0.08	<0.1	0.03	5.7	<0.1	0.07	9	1.2	N.A.

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Project: FLAN
Report Date: August 28, 2009

CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BF09022S	Silt	0.3	211.9	4.2	72	0.3	38.3	31.9	825	3.20	157.9	0.6	129.2	0.6	90	0.6	0.3	0.2	89	2.93	0.058
BF09023S	Silt	2.2	128.7	11.7	131	0.1	36.9	21.4	1428	2.29	98.5	7.6	9.6	1.6	21	1.2	0.6	0.3	51	0.51	0.048
BF09025S	Silt	1.8	70.6	10.8	103	<0.1	11.8	11.3	1294	1.93	36.9	21.7	4.5	3.8	5	1.3	0.1	0.2	46	0.13	0.027
BF09026S	Silt	0.4	211.7	4.3	65	0.1	70.4	27.7	631	4.24	6.9	0.2	2.0	0.2	53	0.3	0.1	<0.1	125	1.49	0.061
BF09027S	Silt	0.3	214.8	3.7	54	0.1	63.0	25.2	598	3.86	6.5	0.2	3.5	0.3	43	0.2	0.1	<0.1	126	1.32	0.061
BF09028S	Silt	1.0	118.1	6.8	64	<0.1	58.7	18.7	503	3.28	11.4	0.8	2.1	0.9	39	0.2	0.1	0.2	101	1.03	0.038
BF09029S	Silt	0.4	72.1	3.2	37	<0.1	28.1	7.8	341	1.33	6.5	2.9	1.5	2.8	16	0.2	<0.1	0.1	38	0.39	0.026
BF09030S	Silt	1.7	180.8	12.8	78	<0.1	71.5	26.4	650	4.01	18.9	1.7	5.8	0.6	51	0.4	0.1	0.3	107	1.16	0.041
BF09031S	Silt	1.5	182.6	12.4	77	0.1	74.1	26.1	615	3.77	22.5	1.5	18.6	0.7	53	0.3	0.2	0.3	105	1.16	0.045
BF09032S	Silt	1.2	182.8	6.3	73	0.2	48.8	25.5	584	3.82	55.4	1.2	4.8	0.9	66	0.3	0.2	0.3	111	1.31	0.061
BF09036S	Silt	1.6	195.0	5.2	70	0.1	48.2	25.2	546	3.43	56.0	0.8	7.1	0.8	61	0.3	0.2	0.3	104	1.41	0.060
BF09037S	Silt	1.9	189.0	13.9	78	0.1	82.2	29.3	684	4.13	16.3	1.6	1.0	0.6	47	0.3	0.1	0.3	109	1.14	0.045
BF09039S	Silt	4.0	164.2	16.3	307	0.2	72.7	25.3	845	2.74	61.7	3.5	11.3	2.1	52	3.2	0.2	0.8	65	1.11	0.039
RF 09-046	Silt	1.5	284.8	8.5	78	0.2	65.2	37.1	551	4.09	24.6	0.2	3.9	0.3	104	0.2	0.2	0.1	109	2.06	0.080
RF 09-055	Silt	4.7	242.4	18.8	613	0.3	104.2	39.0	1352	3.38	94.8	8.7	60.6	1.6	52	7.2	0.3	0.9	72	1.09	0.057
RF 09-058A	Silt	7.6	233.4	22.2	412	0.3	110.5	41.8	1031	3.77	66.3	2.7	7.3	0.9	73	4.6	0.3	1.0	94	1.59	0.056
RF 09-061	Silt	6.3	308.9	5.1	337	0.2	225.5	74.1	947	3.66	64.1	0.2	11.0	<0.1	120	2.4	0.2	0.6	77	2.59	0.019
RF 09-063A	Silt	1.0	185.4	3.6	31	0.3	20.6	14.2	425	3.65	13.4	0.2	5.9	0.4	39	0.5	0.2	<0.1	82	0.57	0.072
RF 09-063B	Silt	2.3	197.0	15.8	178	0.2	25.6	24.8	1028	2.89	212.5	18.2	14.3	4.9	29	2.0	0.3	1.0	56	0.52	0.042
RF 09-065	Silt	1.1	173.8	4.0	32	0.3	25.4	84.1	1751	2.28	8.2	0.3	<0.5	<0.1	30	0.8	0.1	<0.1	54	0.54	0.100
RF 09-067H	Silt	1.9	1660	749.1	341	1.0	58.3	29.0	672	3.60	14.9	3.3	6.7	1.3	42	2.3	0.1	2.9	148	0.95	0.059
RF 09-069	Silt	1.8	205.1	4.7	75	0.2	54.9	25.4	505	3.75	78.3	0.7	32.3	0.8	69	0.5	0.3	0.3	111	1.53	0.057
MF 09-208S1	Silt	1.1	52.6	5.4	22	0.1	14.1	6.1	148	4.29	1.8	0.4	0.9	0.5	11	0.1	0.1	<0.1	124	0.24	0.019
MF 09-208S2	Silt	1.4	67.4	5.0	32	0.1	16.8	12.5	234	4.49	2.5	0.3	2.4	0.5	10	0.2	0.2	<0.1	127	0.27	0.023
MF 09-210S1	Silt	10.7	113.7	5.7	67	<0.1	26.4	27.1	1467	2.37	45.0	1.3	1.6	0.5	16	0.2	0.1	0.1	113	0.44	0.041
MF 09-212S1	Silt	1.6	83.0	7.9	25	0.7	16.3	8.3	203	3.60	2.7	0.9	3.1	0.6	15	0.2	0.1	<0.1	78	0.29	0.049
MF 09-213S1	Silt	3.5	90.5	6.0	39	<0.1	21.9	44.4	1559	2.32	8.3	0.6	1.3	0.6	23	0.2	<0.1	<0.1	80	0.47	0.049
MF 09-214S1	Silt	1.9	158.9	4.0	32	0.2	16.8	7.5	163	2.89	5.1	1.2	2.4	1.1	15	0.2	<0.1	<0.1	102	0.34	0.073
MF 09-215S1	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
MF 09-219S1	Silt	0.6	220.0	2.6	41	<0.1	26.2	15.1	272	2.59	4.9	0.5	3.9	1.5	29	0.2	0.1	<0.1	96	0.61	0.059

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Project: FLAN
Report Date: August 28, 2009

CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	2
BF09022S	Silt	4	54	1.03	31	0.091	<20	5.41	0.032	0.08	<0.1	0.04	6.9	<0.1	0.08	13	1.3	390
BF09023S	Silt	8	39	0.51	69	0.049	<20	2.04	0.021	0.05	0.6	0.30	3.0	<0.1	0.09	4	2.2	N.A.
BF09025S	Silt	13	18	0.22	56	0.083	<20	2.12	0.010	0.04	<0.1	0.04	2.7	<0.1	<0.05	6	<0.5	N.A.
BF09026S	Silt	2	109	1.65	36	0.280	<20	3.32	0.051	0.04	<0.1	0.03	5.7	<0.1	<0.05	9	2.1	N.A.
BF09027S	Silt	2	102	1.40	30	0.308	<20	3.28	0.051	0.03	<0.1	0.03	5.3	<0.1	<0.05	9	0.7	N.A.
BF09028S	Silt	5	82	1.25	25	0.253	<20	2.58	0.033	0.03	1.5	0.02	4.2	<0.1	<0.05	9	0.7	N.A.
BF09029S	Silt	5	32	0.39	54	0.133	<20	1.30	0.035	0.03	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	N.A.
BF09030S	Silt	3	89	1.40	27	0.280	<20	2.99	0.040	0.03	0.4	0.02	4.0	<0.1	<0.05	8	<0.5	N.A.
BF09031S	Silt	3	85	1.41	28	0.273	<20	3.06	0.046	0.03	0.7	<0.01	3.9	<0.1	<0.05	8	0.6	N.A.
BF09032S	Silt	5	58	1.08	60	0.213	<20	3.54	0.050	0.04	0.1	0.02	4.5	<0.1	<0.05	10	1.5	N.A.
BF09036S	Silt	4	56	0.96	56	0.193	<20	3.06	0.052	0.04	<0.1	0.03	3.8	<0.1	0.05	9	2.1	N.A.
BF09037S	Silt	2	97	1.54	21	0.287	<20	3.06	0.042	0.03	3.8	0.01	3.9	<0.1	<0.05	8	0.5	N.A.
BF09039S	Silt	5	82	0.83	46	0.136	<20	2.75	0.064	0.05	0.7	0.04	3.0	<0.1	<0.05	7	1.0	N.A.
RF 09-046	Silt	2	69	1.31	44	0.220	<20	4.91	0.054	0.05	<0.1	0.03	4.4	<0.1	<0.05	11	1.5	N.A.
RF 09-055	Silt	9	93	0.88	65	0.124	<20	3.27	0.049	0.06	1.1	0.07	4.2	<0.1	<0.05	7	1.6	N.A.
RF 09-058A	Silt	4	131	1.24	48	0.193	<20	4.02	0.096	0.06	0.8	0.06	4.8	<0.1	0.09	10	1.2	N.A.
RF 09-061	Silt	<1	234	2.46	29	0.071	<20	5.33	0.375	0.05	0.4	<0.01	6.8	<0.1	<0.05	9	1.0	N.A.
RF 09-063A	Silt	2	29	0.30	67	0.151	<20	8.77	0.005	0.02	<0.1	0.22	4.0	<0.1	<0.05	13	2.0	N.A.
RF 09-063B	Silt	12	30	0.35	88	0.078	<20	3.86	0.014	0.04	1.2	0.08	3.5	<0.1	<0.05	7	1.2	N.A.
RF 09-065	Silt	4	25	0.28	40	0.109	<20	4.21	0.014	0.03	<0.1	0.12	2.0	<0.1	<0.05	7	1.5	N.A.
RF 09-067H	Silt	4	61	0.97	69	0.197	<20	3.18	0.067	0.05	0.1	0.03	4.5	<0.1	<0.05	8	0.8	N.A.
RF 09-069	Silt	3	62	1.07	71	0.214	<20	3.31	0.066	0.04	<0.1	0.03	4.3	<0.1	0.06	9	3.0	N.A.
MF 09-208S1	Silt	2	31	0.31	17	0.321	<20	1.61	0.019	0.02	<0.1	0.08	2.0	<0.1	<0.05	12	<0.5	N.A.
MF 09-208S2	Silt	2	36	0.33	21	0.306	<20	2.16	0.022	0.02	<0.1	0.07	2.3	<0.1	<0.05	13	1.0	N.A.
MF 09-210S1	Silt	4	37	0.37	38	0.188	<20	4.96	0.026	0.02	0.3	0.13	3.5	<0.1	<0.05	10	1.3	N.A.
MF 09-212S1	Silt	4	33	0.30	30	0.181	<20	4.11	0.025	0.02	0.1	0.19	3.4	<0.1	<0.05	10	2.2	N.A.
MF 09-213S1	Silt	5	29	0.37	45	0.177	<20	3.21	0.043	0.03	0.1	0.08	2.7	<0.1	<0.05	10	1.0	N.A.
MF 09-214S1	Silt	6	32	0.28	36	0.150	<20	5.37	0.025	0.02	0.2	0.13	5.2	<0.1	<0.05	7	1.8	N.A.
MF 09-215S1	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
MF 09-219S1	Silt	7	25	0.46	62	0.151	<20	2.46	0.045	0.03	0.1	0.02	3.2	<0.1	<0.05	6	0.9	N.A.

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Report Date: August 28, 2009

CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
MF 09-220S1	Silt	0.9	197.4	3.0	60	0.1	32.7	22.6	389	3.17	88.3	3.3	1.8	1.0	37	0.7	0.2	<0.1	112	0.84	0.062
MF 09-221S1	Silt	1.5	159.9	3.4	54	0.1	30.3	16.4	303	2.89	175.1	1.6	4.5	0.8	28	0.2	0.1	<0.1	102	0.54	0.080
MF 09-223S1	Silt	3.7	140.7	6.2	108	0.2	38.8	18.9	350	3.72	99.8	1.3	860.6	1.1	32	0.7	0.1	<0.1	141	0.64	0.070
MF 09-225S1	Silt	1.6	158.2	4.1	69	0.1	29.8	21.9	829	3.26	51.1	0.8	2.0	0.9	36	0.4	0.1	<0.1	117	0.69	0.055
MF 09-226S1	Silt	2.9	130.5	5.7	57	0.2	27.8	213.5	>10000	6.96	4.3	0.7	3.4	0.5	31	0.5	0.2	0.1	121	0.37	0.033
MF 09-226S2	Silt	2.8	129.3	7.6	68	0.3	32.5	160.4	>10000	4.16	4.1	0.6	596.9	0.6	31	0.9	0.2	0.1	118	0.42	0.032
MF 09-227S1	Silt	3.9	65.9	4.5	35	0.2	12.4	11.3	418	3.71	2.4	0.5	25.6	0.6	19	0.3	0.1	<0.1	123	0.49	0.044
MF 09-228S1	Silt	5.8	205.7	8.7	93	0.2	33.7	19.6	430	4.33	17.7	1.2	3.9	0.8	25	0.5	0.4	0.2	145	0.40	0.063
MF 09-229S1	Silt	0.6	191.9	7.8	101	0.2	49.4	23.9	767	3.90	73.2	1.2	9.6	1.3	91	0.7	0.2	0.1	102	2.05	0.063
MF 09-229S2	Silt	0.5	205.1	5.9	96	0.2	54.2	26.0	732	4.13	72.2	1.1	12.4	1.2	84	0.7	0.2	0.1	111	1.90	0.062
MF 09-230S1	Silt	2.1	180.2	5.6	64	0.3	32.8	19.8	584	2.82	64.6	2.1	7.0	0.3	52	0.7	0.2	0.1	93	1.20	0.061
MF 09-232S1	Silt	1.4	261.0	5.1	68	0.1	58.6	23.7	502	3.56	28.0	0.6	7.1	0.8	45	0.3	0.2	<0.1	110	0.85	0.075
MF 09-A200S	Silt	2.6	181.0	6.0	59	0.4	35.7	29.9	1057	4.63	21.1	0.7	5.4	0.5	39	0.5	0.3	0.1	146	0.51	0.066
MF 09-A201S	Silt	2.5	176.1	6.5	54	0.3	39.1	22.2	539	4.08	18.3	0.6	6.2	0.3	41	0.3	0.3	0.2	157	0.57	0.059
MF 09-A203S	Silt	1.0	301.7	5.4	68	<0.1	54.4	26.3	561	3.42	20.1	0.5	5.7	0.7	45	0.4	0.2	0.1	114	0.86	0.071
MF 09-A204S	Silt	1.4	79.8	6.3	24	<0.1	16.7	9.8	198	3.35	6.0	0.5	2.3	0.2	23	0.1	<0.1	0.1	122	0.34	0.040
MF 09-A205S	Silt	0.8	256.7	6.6	51	<0.1	39.7	20.4	428	3.57	9.4	0.5	18.5	0.6	39	0.2	0.2	0.1	113	0.74	0.080
MF 09-A206S	Silt	1.1	138.5	6.9	48	0.2	32.8	24.2	780	3.53	8.1	0.6	3.6	0.3	26	0.3	0.2	<0.1	114	0.51	0.058
MF 09-A209S	Silt	2.3	95.8	14.7	190	0.1	25.7	19.6	2445	2.01	124.4	62.2	14.3	1.1	42	1.6	0.2	0.7	34	0.71	0.063
MF 09-A210S	Silt	2.6	41.4	18.1	189	<0.1	22.5	13.7	2593	1.62	77.1	66.6	2.8	0.6	43	2.4	0.1	0.4	31	0.88	0.056
MF 09-A218S	Silt	0.7	336.3	5.7	58	0.4	58.5	26.4	268	3.09	22.1	1.1	7.0	0.2	50	0.6	0.4	<0.1	106	1.36	0.181
MF 09-A223S	Silt	0.6	260.7	8.4	72	0.2	70.0	42.4	1066	4.64	8.2	0.4	3.1	0.2	35	0.5	0.2	<0.1	132	0.94	0.064
MF 09-A228S	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
MF 09-A231S1	Silt	1.2	163.2	7.2	94	0.2	53.4	48.2	1247	3.67	32.2	0.7	8.9	0.4	71	0.4	0.2	0.2	109	1.77	0.092
MF 09-A231S2	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
MF 09-A243S	Silt	2.7	174.5	5.8	66	0.1	75.5	58.9	5124	3.79	8.7	0.7	2.2	0.4	24	0.6	<0.1	0.2	122	0.61	0.068
MF 09-A244S	Silt	0.5	184.1	4.8	50	<0.1	65.3	28.4	698	2.93	32.9	0.6	7.9	0.7	19	0.2	<0.1	0.1	93	0.62	0.075
MF 09-A246S	Silt	1.2	136.0	4.8	127	0.2	45.0	25.5	807	2.80	102.2	4.3	1.8	0.3	31	1.9	0.3	0.2	104	1.22	0.060
MF 09-A247S	Silt	0.9	187.2	7.2	86	<0.1	65.0	29.5	816	3.64	41.5	1.5	1.2	0.5	30	1.1	0.1	0.3	107	0.97	0.059
MF 09-A248S	Silt	0.6	219.5	5.6	75	0.2	78.4	33.4	945	3.25	43.8	2.8	5.0	0.5	37	1.7	0.2	0.3	98	1.10	0.063

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CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	2
MF 09-220S1	Silt	6	36	0.62	54	0.175	<20	2.93	0.047	0.03	0.2	0.03	3.7	<0.1	<0.05	6	0.8	N.A.
MF 09-221S1	Silt	5	34	0.55	44	0.149	<20	4.20	0.033	0.03	1.7	0.07	3.8	<0.1	<0.05	8	1.3	N.A.
MF 09-223S1	Silt	6	36	0.59	56	0.150	<20	2.70	0.042	0.03	1.3	0.03	3.2	<0.1	<0.05	7	1.0	20
MF 09-225S1	Silt	4	36	0.58	61	0.182	<20	2.81	0.033	0.03	0.5	0.04	3.5	<0.1	<0.05	7	1.2	N.A.
MF 09-226S1	Silt	3	29	0.44	105	0.249	<20	2.55	0.022	0.03	<0.1	0.11	3.1	<0.1	0.07	15	1.3	N.A.
MF 09-226S2	Silt	4	33	0.46	121	0.228	<20	2.53	0.027	0.03	<0.1	0.10	2.9	<0.1	0.06	15	1.5	<2
MF 09-227S1	Silt	3	29	0.25	43	0.224	<20	3.04	0.022	0.02	<0.1	0.10	2.8	<0.1	0.05	13	1.5	N.A.
MF 09-228S1	Silt	4	46	0.59	102	0.219	<20	4.77	0.022	0.03	<0.1	0.11	3.8	<0.1	<0.05	12	2.8	N.A.
MF 09-229S1	Silt	7	66	1.11	48	0.200	<20	4.31	0.036	0.07	<0.1	0.03	6.3	<0.1	<0.05	12	1.4	N.A.
MF 09-229S2	Silt	7	64	1.14	43	0.217	<20	4.05	0.029	0.07	0.1	0.04	6.5	<0.1	<0.05	11	0.9	N.A.
MF 09-230S1	Silt	5	51	0.62	44	0.176	<20	3.64	0.029	0.04	<0.1	0.09	4.5	<0.1	0.08	11	2.1	N.A.
MF 09-232S1	Silt	4	64	0.95	111	0.224	<20	3.97	0.041	0.05	<0.1	0.04	5.2	<0.1	<0.05	9	1.0	N.A.
MF 09-A200S	Silt	4	54	0.53	81	0.275	<20	4.95	0.025	0.03	<0.1	0.18	4.2	<0.1	<0.05	14	1.9	N.A.
MF 09-A201S	Silt	3	51	0.63	72	0.298	<20	4.22	0.022	0.02	<0.1	0.09	3.9	<0.1	0.08	12	0.6	N.A.
MF 09-A203S	Silt	4	59	0.94	107	0.197	<20	3.31	0.037	0.05	<0.1	0.03	4.8	<0.1	<0.05	9	0.6	N.A.
MF 09-A204S	Silt	4	30	0.36	50	0.263	<20	2.60	0.018	0.02	<0.1	0.06	2.3	<0.1	<0.05	11	0.7	N.A.
MF 09-A205S	Silt	4	47	0.78	89	0.241	<20	3.94	0.042	0.04	<0.1	0.04	4.1	<0.1	<0.05	10	<0.5	N.A.
MF 09-A206S	Silt	3	45	0.60	61	0.291	<20	4.43	0.025	0.02	<0.1	0.11	3.9	<0.1	<0.05	11	1.0	N.A.
MF 09-A209S	Silt	10	32	0.31	125	0.052	<20	3.13	0.016	0.04	0.7	0.10	1.8	0.1	<0.05	5	1.4	N.A.
MF 09-A210S	Silt	12	36	0.23	111	0.081	<20	2.67	0.027	0.03	0.3	0.09	1.5	0.1	<0.05	4	1.3	N.A.
MF 09-A218S	Silt	6	84	0.93	56	0.195	<20	9.39	0.018	0.03	<0.1	0.11	5.4	<0.1	0.05	16	1.7	N.A.
MF 09-A223S	Silt	3	87	0.99	47	0.381	<20	4.97	0.029	0.03	<0.1	0.07	4.5	<0.1	<0.05	14	1.0	N.A.
MF 09-A228S	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
MF 09-A231S1	Silt	5	49	0.81	59	0.198	<20	5.37	0.030	0.06	<0.1	0.11	4.5	<0.1	<0.05	12	2.1	N.A.
MF 09-A231S2	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
MF 09-A243S	Silt	4	100	0.90	37	0.440	<20	4.00	0.024	0.02	<0.1	0.08	4.9	<0.1	<0.05	12	0.6	N.A.
MF 09-A244S	Silt	3	80	0.93	22	0.319	<20	3.72	0.024	0.02	0.2	0.03	4.5	<0.1	<0.05	8	<0.5	N.A.
MF 09-A246S	Silt	2	130	0.76	14	0.277	<20	4.00	0.026	0.02	0.3	0.09	4.0	<0.1	<0.05	10	2.7	N.A.
MF 09-A247S	Silt	2	97	1.01	19	0.295	<20	3.45	0.042	0.02	0.2	0.03	4.4	<0.1	<0.05	9	0.7	N.A.
MF 09-A248S	Silt	3	102	1.12	18	0.255	<20	2.86	0.047	0.03	0.3	0.03	4.7	<0.1	<0.05	8	<0.5	N.A.

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Project: FLAN
Report Date: August 28, 2009

CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
MF 09-A252S	Silt	7.0	61.6	9.1	47	0.1	26.1	18.2	710	2.71	4.5	22.5	0.7	2.6	13	0.2	<0.1	0.2	85	0.32	0.027
MF 09-270S	Silt	1.6	204.2	7.6	122	0.3	70.1	40.5	1635	4.11	117.6	8.2	3.1	0.4	32	3.7	0.4	0.4	148	1.09	0.070
MF 09-272S	Silt	1.5	223.1	11.7	250	0.5	53.6	30.9	2737	3.35	42.6	6.2	4.0	0.1	63	2.0	0.5	0.4	117	2.04	0.087
MF 09-274S	Silt	0.6	212.0	15.1	69	0.2	72.9	47.4	1305	5.09	12.7	0.6	6.0	0.4	44	0.2	0.3	0.9	141	0.83	0.121
MF 09-275S	Silt	0.6	376.3	19.5	98	0.2	72.3	54.4	1078	5.51	13.1	0.2	4.6	0.3	93	0.4	0.4	0.8	143	1.45	0.068
MF 09-277S	Silt	1.6	362.3	9.2	125	0.5	64.9	40.7	1314	5.00	5.8	4.4	8.6	0.3	43	1.4	0.2	2.4	118	0.86	0.076
MF 09-278S	Silt	2.9	349.1	8.7	199	0.4	75.9	40.6	1640	3.85	10.6	5.6	5.3	0.3	41	1.8	0.1	1.8	120	0.97	0.087
MF 09-279S	Silt	3.5	157.6	8.3	135	0.2	88.3	33.1	1214	3.39	7.2	3.8	2.1	0.8	40	0.8	0.1	0.9	80	1.02	0.077
MF 09-280S	Silt	2.6	174.8	6.8	52	0.1	46.3	20.6	489	3.28	8.3	2.4	2.1	1.3	20	0.3	0.1	0.8	98	0.49	0.045
MF 09-281S	Silt	1.2	151.7	4.8	58	0.1	43.1	26.1	645	1.83	4.5	2.1	1.4	1.9	22	0.4	<0.1	0.3	49	0.60	0.034
MF 09-282S	Silt	2.0	211.7	5.6	73	0.1	67.4	26.6	551	2.67	7.5	2.2	3.9	1.2	30	0.5	0.1	0.6	76	0.81	0.049
MF 09-284S	Silt	3.9	100.1	9.5	44	0.1	28.6	13.8	495	4.22	7.5	8.0	2.4	0.8	21	0.2	0.2	0.4	105	0.46	0.043
MF 09-285S	Silt	1.2	185.8	12.1	94	0.2	51.1	32.2	1006	3.33	19.1	5.4	2.1	2.1	62	1.1	0.2	0.5	81	1.22	0.052
MF 09-290S	Silt	23.3	108.5	8.5	67	<0.1	117.6	21.2	755	3.17	6.3	22.8	2.9	3.1	19	0.2	0.1	0.7	53	0.36	0.042
MF 09-295S	Silt	0.6	294.7	12.6	100	0.2	45.4	30.3	713	4.29	64.2	<0.1	7.6	0.3	86	0.9	0.5	0.4	127	1.42	0.060
MF 09-292S	Silt	4.1	135.9	9.2	111	<0.1	29.5	14.6	789	1.92	14.3	6.6	3.0	6.1	27	0.4	0.1	0.7	41	0.44	0.047
MF 09-304S	Silt	2.2	235.1	9.0	103	0.2	57.7	33.9	729	4.01	58.9	1.5	11.5	1.0	80	0.7	0.3	0.3	117	1.75	0.078
MF 09-309S	Silt	6.2	86.1	12.6	177	<0.1	40.6	12.6	796	2.25	19.4	8.6	4.0	3.5	21	1.9	0.2	0.6	44	0.43	0.037
MF 09-311S	Silt	2.3	195.1	16.7	149	0.2	24.9	24.1	1488	2.97	180.1	10.6	21.1	3.0	30	1.3	0.2	1.1	64	0.40	0.052
MF 09-312S	Silt	2.2	242.5	16.4	170	0.2	26.6	27.6	1604	3.12	197.8	11.4	35.9	2.9	33	1.1	0.2	1.2	66	0.42	0.048
MF 09-313S	Silt	2.2	73.0	12.4	123	0.1	11.3	13.2	2537	1.99	60.0	10.7	3.5	1.9	17	0.7	0.2	0.5	35	0.22	0.042
MF 09-315S	Silt	1.1	43.2	7.0	56	<0.1	12.0	5.5	574	1.18	20.3	17.6	2.2	2.2	9	1.0	<0.1	0.2	24	0.21	0.041
MF 09-318S	Silt	3.0	67.9	6.6	87	<0.1	28.4	8.7	1116	1.39	132.8	6.6	13.9	0.9	13	1.1	0.3	0.2	37	0.25	0.029
MF 09-319S	Silt	0.5	59.1	2.3	16	<0.1	16.6	6.6	208	0.93	12.9	4.0	1.4	1.6	10	<0.1	0.1	<0.1	26	0.27	0.020
MF 09-324S	Silt	2.2	85.2	5.8	25	0.2	13.5	7.1	188	2.66	140.6	27.6	9.9	1.0	17	0.4	0.3	0.2	78	0.56	0.032
MF 09-329S	Silt	0.6	107.3	5.9	36	0.1	17.8	9.2	221	1.63	18.0	0.6	3.0	1.0	16	0.3	0.1	0.2	50	0.32	0.032
51426	Silt	0.5	239.7	43.9	118	0.2	68.0	37.7	1306	5.07	20.2	0.4	12.9	0.3	49	1.2	0.2	0.1	128	1.12	0.064
51428	Silt	0.3	229.9	59.2	117	0.1	68.1	33.6	949	5.37	18.1	0.2	1.9	0.3	47	0.7	0.3	0.1	132	1.02	0.053
MF09 RTSECTIONS 1	Silt	3.2	183.7	5.3	45	1.0	28.9	10.9	140	3.00	6.9	4.6	8.1	1.3	44	0.5	0.1	0.1	55	0.63	0.082
MF09 RTSECTIONS 2	Silt	5.4	255.8	4.9	43	0.6	49.1	18.6	201	3.59	13.0	4.7	6.0	0.8	38	0.6	0.2	0.2	76	0.52	0.078

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CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	2
MF 09-A252S	Silt	6	48	0.25	26	0.301	<20	3.51	0.019	0.02	0.1	0.08	3.7	<0.1	<0.05	8	<0.5	N.A.
MF 09-270S	Silt	3	161	0.91	20	0.312	<20	3.65	0.038	0.03	0.2	0.08	5.2	<0.1	<0.05	12	1.3	N.A.
MF 09-272S	Silt	2	100	0.73	34	0.217	<20	2.85	0.047	0.04	0.3	0.16	3.7	0.1	0.09	9	4.9	N.A.
MF 09-274S	Silt	3	129	1.01	38	0.372	<20	6.20	0.015	0.05	0.3	0.14	6.4	<0.1	<0.05	14	0.5	N.A.
MF 09-275S	Silt	3	79	1.52	34	0.362	<20	3.91	0.033	0.06	0.2	0.05	6.3	<0.1	<0.05	12	<0.5	N.A.
MF 09-277S	Silt	5	91	0.77	42	0.318	<20	4.59	0.029	0.03	1.1	0.13	4.4	<0.1	<0.05	15	2.0	N.A.
MF 09-278S	Silt	5	96	0.91	35	0.241	<20	5.06	0.042	0.03	1.0	0.11	4.4	0.1	<0.05	13	1.2	N.A.
MF 09-279S	Silt	5	99	0.78	68	0.224	<20	4.87	0.028	0.04	7.1	0.10	4.0	<0.1	<0.05	11	1.0	N.A.
MF 09-280S	Silt	4	91	0.52	25	0.287	<20	4.50	0.023	0.02	1.0	0.09	4.6	<0.1	<0.05	9	1.1	N.A.
MF 09-281S	Silt	4	45	0.50	20	0.179	<20	2.19	0.027	0.03	1.3	0.01	2.8	<0.1	<0.05	5	<0.5	N.A.
MF 09-282S	Silt	4	74	0.75	22	0.243	<20	2.97	0.043	0.03	1.3	0.03	3.7	<0.1	<0.05	7	0.8	N.A.
MF 09-284S	Silt	5	56	0.48	26	0.427	<20	2.79	0.024	0.02	0.2	0.11	3.3	<0.1	0.05	14	0.9	N.A.
MF 09-285S	Silt	7	49	0.82	36	0.197	<20	2.67	0.034	0.04	0.3	0.04	3.9	<0.1	0.06	7	2.0	N.A.
MF 09-290S	Silt	8	92	0.77	48	0.145	<20	3.96	0.016	0.03	6.8	0.06	3.1	<0.1	<0.05	10	0.8	N.A.
MF 09-295S	Silt	2	48	1.05	37	0.300	<20	3.17	0.055	0.06	0.2	0.18	5.8	<0.1	<0.05	10	0.9	N.A.
MF 09-292S	Silt	10	28	0.39	62	0.124	<20	3.18	0.015	0.05	2.4	0.04	2.9	<0.1	<0.05	7	<0.5	N.A.
MF 09-304S	Silt	4	66	1.03	78	0.213	<20	3.65	0.065	0.05	<0.1	0.04	4.6	<0.1	0.11	10	4.3	N.A.
MF 09-309S	Silt	9	44	0.44	46	0.123	<20	2.53	0.025	0.05	1.2	0.05	2.5	<0.1	<0.05	8	0.5	N.A.
MF 09-311S	Silt	11	32	0.35	87	0.088	<20	3.70	0.016	0.05	0.9	0.10	3.7	0.1	<0.05	8	0.9	N.A.
MF 09-312S	Silt	11	35	0.38	91	0.075	<20	4.16	0.015	0.05	0.9	0.09	3.6	0.1	<0.05	9	0.8	N.A.
MF 09-313S	Silt	7	16	0.18	61	0.049	<20	2.44	0.012	0.04	0.5	0.12	1.7	0.1	<0.05	6	<0.5	N.A.
MF 09-315S	Silt	10	16	0.19	43	0.077	<20	1.62	0.018	0.03	0.2	0.05	1.7	<0.1	<0.05	4	<0.5	N.A.
MF 09-318S	Silt	5	26	0.26	40	0.049	<20	1.39	0.015	0.02	0.9	0.04	1.7	<0.1	<0.05	4	<0.5	N.A.
MF 09-319S	Silt	4	20	0.21	18	0.085	<20	1.19	0.024	0.02	0.4	0.03	1.5	<0.1	<0.05	3	<0.5	N.A.
MF 09-324S	Silt	5	33	0.20	33	0.144	<20	3.70	0.015	0.01	0.5	0.08	3.6	<0.1	<0.05	9	1.3	N.A.
MF 09-329S	Silt	3	21	0.29	35	0.100	<20	1.93	0.026	0.02	0.5	0.07	2.2	<0.1	<0.05	5	0.7	N.A.
51426	Silt	3	89	1.65	23	0.341	<20	3.15	0.023	0.02	<0.1	0.05	5.4	<0.1	<0.05	9	1.3	N.A.
51428	Silt	2	80	1.84	17	0.355	<20	3.00	0.021	0.04	<0.1	0.04	4.9	<0.1	<0.05	9	0.9	N.A.
MF09 RTSECTIONS 1	Silt	6	41	0.19	101	0.077	<20	5.99	0.013	0.03	0.2	0.24	4.3	<0.1	<0.05	9	4.1	N.A.
MF09 RTSECTIONS 2	Silt	5	43	0.32	143	0.118	<20	5.93	0.017	0.02	0.2	0.19	4.4	<0.1	<0.05	10	3.3	N.A.

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CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
MF09 A240S	Silt	0.4	274.3	62.5	123	0.2	74.3	40.2	1258	5.59	24.8	0.3	1.7	0.3	59	0.8	0.2	0.1	156	1.19	0.060
MF09 228S	Silt	0.8	215.9	3.7	61	0.2	57.5	34.9	653	3.69	7.1	0.4	4.6	0.3	29	0.2	0.2	<0.1	111	0.66	0.069

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CERTIFICATE OF ANALYSIS VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	2
MF09 A240S	Silt	3	97	1.87	25	0.419	<20	3.58	0.027	0.03	<0.1	0.05	6.3	<0.1	<0.05	10	1.1	N.A.
MF09 228S	Silt	3	75	0.76	56	0.262	<20	5.25	0.027	0.03	<0.1	0.12	4.2	<0.1	<0.05	11	1.6	N.A.

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QUALITY CONTROL REPORT VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
BF09003S	Silt	0.5	283.9	2.7	157	0.3	32.8	16.4	329	2.25	11.0	0.6	8.8	0.7	33	1.2	0.2	<0.1	75	1.14	0.079
REP BF09003S	QC	0.5	295.0	2.4	144	0.2	34.0	15.7	333	2.22	11.2	0.6	5.5	0.7	35	1.2	0.1	<0.1	71	1.06	0.075
RF 09-058A	Silt	7.6	233.4	22.2	412	0.3	110.5	41.8	1031	3.77	66.3	2.7	7.3	0.9	73	4.6	0.3	1.0	94	1.59	0.056
REP RF 09-058A	QC	7.5	255.5	20.5	404	0.2	106.0	41.4	1041	3.70	70.0	2.2	9.1	0.8	71	4.9	0.2	1.2	94	1.60	0.057
MF 09-226S2	Silt	2.8	129.3	7.6	68	0.3	32.5	160.4	>10000	4.16	4.1	0.6	596.9	0.6	31	0.9	0.2	0.1	118	0.42	0.032
REP MF 09-226S2	QC																				
MF 09-284S	Silt	3.9	100.1	9.5	44	0.1	28.6	13.8	495	4.22	7.5	8.0	2.4	0.8	21	0.2	0.2	0.4	105	0.46	0.043
REP MF 09-284S	QC	4.0	103.0	10.6	43	0.1	29.0	14.1	487	4.33	7.1	9.0	4.1	0.8	19	0.3	0.2	0.5	106	0.41	0.043
MF09 RTSECTIONS 2	Silt	5.4	255.8	4.9	43	0.6	49.1	18.6	201	3.59	13.0	4.7	6.0	0.8	38	0.6	0.2	0.2	76	0.52	0.078
REP MF09 RTSECTIONS 2	QC	5.6	262.7	5.1	44	0.6	49.6	18.1	204	3.71	12.6	4.4	8.1	0.8	36	0.6	0.2	0.2	76	0.53	0.080
Reference Materials																					
STD DS7	Standard	18.8	95.5	69.9	398	0.9	55.7	8.9	583	2.31	48.2	4.9	47.6	4.1	53	5.9	5.0	3.1	78	0.86	0.078
STD DS7	Standard	18.6	104.6	71.3	385	0.7	55.7	9.2	597	2.28	48.3	5.0	55.4	4.6	70	6.0	5.3	4.5	81	0.84	0.071
STD DS7	Standard	20.3	109.8	83.0	403	0.8	58.4	9.7	623	2.37	52.1	5.6	413.6	4.7	78	6.8	5.9	5.0	82	0.92	0.077
STD DS7	Standard	19.2	100.3	72.9	378	0.8	52.0	8.5	592	2.28	48.6	5.4	66.6	4.3	70	5.7	5.7	4.5	80	0.83	0.072
STD OREAS45PA	Standard	0.9	489.9	17.9	110	0.2	249.3	91.5	1010	15.44	5.1	1.1	49.5	5.6	10	<0.1	0.2	0.1	189	0.21	0.030
STD OREAS45PA	Standard	1.0	550.2	20.2	116	0.2	272.3	105.7	1047	15.20	4.3	1.2	39.7	6.6	14	<0.1	0.2	0.2	192	0.22	0.031
STD OREAS45PA	Standard	0.9	569.3	21.6	113	0.2	291.8	109.2	1078	16.30	5.0	1.3	41.7	6.9	15	<0.1	0.2	0.2	203	0.22	0.032
STD OREAS45PA	Standard	1.2	527.9	20.4	107	0.2	248.3	97.9	973	14.41	4.5	1.2	45.5	6.3	13	0.1	0.3	0.2	185	0.21	0.031
STD OXE56	Standard																				
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
STD OREAS45PA Expected		0.9	646	19	122	0.3	281	104	1085	16.559	4.2	1.2	49	6.5	14	0.09	0.38	0.18	209	0.222	0.034
STD OXE56 Expected																					
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank																				

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Project: FLAN

Report Date: August 28, 2009

QUALITY CONTROL REPORT VAN09003261.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	2
Pulp Duplicates																		
BF09003S	Silt	6	44	0.66	72	0.119	<20	4.49	0.073	0.03	<0.1	0.04	6.6	<0.1	0.05	6	2.5	N.A.
REP BF09003S	QC	6	45	0.62	71	0.123	<20	4.51	0.066	0.04	<0.1	0.06	6.0	<0.1	<0.05	7	1.2	
RF 09-058A	Silt	4	131	1.24	48	0.193	<20	4.02	0.096	0.06	0.8	0.06	4.8	<0.1	0.09	10	1.2	N.A.
REP RF 09-058A	QC	4	130	1.27	52	0.189	<20	4.10	0.102	0.06	2.3	0.06	4.8	<0.1	0.10	10	1.2	
MF 09-226S2	Silt	4	33	0.46	121	0.228	<20	2.53	0.027	0.03	<0.1	0.10	2.9	<0.1	0.06	15	1.5	<2
REP MF 09-226S2	QC																	<2
MF 09-284S	Silt	5	56	0.48	26	0.427	<20	2.79	0.024	0.02	0.2	0.11	3.3	<0.1	0.05	14	0.9	N.A.
REP MF 09-284S	QC	4	61	0.45	28	0.434	<20	2.81	0.020	0.02	0.2	0.11	3.2	<0.1	0.07	13	0.9	
MF09 RTSECTIONS 2	Silt	5	43	0.32	143	0.118	<20	5.93	0.017	0.02	0.2	0.19	4.4	<0.1	<0.05	10	3.3	N.A.
REP MF09 RTSECTIONS 2	QC	5	45	0.32	149	0.118	<20	6.00	0.015	0.02	0.2	0.22	4.4	<0.1	<0.05	10	4.4	
Reference Materials																		
STD DS7	Standard	10	173	0.99	405	0.086	64	0.92	0.098	0.41	3.6	0.16	2.3	4.0	0.18	4	3.1	
STD DS7	Standard	12	180	0.97	393	0.114	<20	0.95	0.092	0.40	3.6	0.18	2.0	4.2	0.19	4	3.0	
STD DS7	Standard	12	204	1.05	415	0.128	45	1.08	0.103	0.45	3.7	0.17	2.4	4.3	0.19	5	3.4	
STD DS7	Standard	11	181	0.95	375	0.111	27	0.94	0.088	0.43	3.8	0.20	2.2	4.1	0.18	4	3.6	
STD OREAS45PA	Standard	13	767	0.08	162	0.094	<20	2.54	0.008	0.07	<0.1	0.02	35.7	<0.1	<0.05	15	0.9	
STD OREAS45PA	Standard	16	717	0.10	183	0.124	<20	3.02	0.011	0.07	<0.1	0.03	40.0	<0.1	<0.05	15	0.8	
STD OREAS45PA	Standard	16	763	0.10	178	0.133	<20	3.18	0.010	0.07	<0.1	0.02	40.1	<0.1	<0.05	17	0.6	
STD OREAS45PA	Standard	14	652	0.09	166	0.111	<20	2.67	0.011	0.06	<0.1	0.03	36.0	<0.1	<0.05	15	0.7	
STD OXE56	Standard																	643
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	
STD OREAS45PA Expected		13.7	873	0.1125	190	0.13		3.23	0.011	0.0665	1.1	0.03	43	0.07	0.03	16.8	0.86	
STD OXE56 Expected																		611
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	
BLK	Blank																	<2

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Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: July 30, 2009
Report Date: October 09, 2009
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN09003259.3

CLIENT JOB INFORMATION

Project: FLAN
Shipment ID:
P.O. Number
Number of Samples: 66

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	Lab
R200	60	Crush, split and pulverize rock to 200 mesh			VAN
1DX	64	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
G6	3	Fire Assay Ag Au by gravimetric finished	30	Completed	VAN
7AR	10	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN
3B01	40	Fire assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS

Version 3: Group 3B Au included

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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Project: FLAN
Report Date: October 09, 2009

CERTIFICATE OF ANALYSIS VAN09003259.3

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STANDARD 1	Rock Pulp	0.20	1.5	367.9	1.5	116	0.4	32.7	47.4	2067	14.83	12.3	0.1	14.9	0.8	26	0.1	<0.1	0.5	551	1.11
BF09044	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.
BF09047	Rock	0.19	2.5	>10000	1065	4154	>100	0.5	391.4	1124	32.82	29.4	2.9	275.0	0.2	1	112.1	0.2	52.2	14	0.01
BF09048	Rock	0.80	2.5	7222	625.8	616	45.2	0.4	62.2	914	14.63	7.8	4.3	28.4	4.2	3	12.1	0.1	24.5	8	0.02
RF09073B	Rock	0.62	4.0	3107	135.6	2935	12.5	0.7	80.2	782	12.15	80.1	3.7	224.1	3.2	7	42.4	0.1	5.6	3	0.03
RF09073F	Rock	0.94	1.0	836.3	81.9	1247	2.0	0.4	37.7	602	4.23	15.0	2.1	30.2	5.6	7	21.3	<0.1	1.9	<2	0.04
RF09074A	Rock	0.67	1.9	385.6	320.3	945	3.5	0.5	7.8	250	2.26	4.4	3.9	6.7	5.4	9	11.4	<0.1	7.0	<2	0.04
RF09074C	Rock	0.33	7.9	>10000	308.8	2090	55.4	0.3	189.2	929	20.61	289.9	3.6	559.5	1.5	14	42.7	0.2	34.1	8	0.05
STANDARD 2	Rock Pulp	0.23	1.7	1371	1.4	66	1.5	27.4	19.6	339	4.40	4.4	<0.1	4.4	0.4	233	0.5	0.2	<0.1	142	1.09
AF09 032R	Rock	3.06	13.7	5056	745.4	5572	29.6	15.8	27.3	1324	5.82	3.5	3.1	32.5	3.8	22	110.5	<0.1	20.7	46	0.29
AF09 033R	Rock	0.88	12.8	735.1	226.1	693	10.2	2.1	12.6	735	2.72	4.6	4.1	11.8	5.5	11	11.0	<0.1	8.0	6	0.13
BF09 040	Rock	1.44	1.4	714.4	135.0	290	6.5	5.0	13.3	690	2.79	2.3	2.5	4.3	5.1	17	2.7	<0.1	3.3	17	0.16
BF09 041	Rock	1.48	3.0	977.6	29.6	235	1.7	128.5	62.2	2356	21.25	22.0	2.5	6.3	0.4	6	0.8	<0.1	2.6	243	0.27
BF09 042	Rock	0.64	0.4	4845	59.4	203	19.8	1.6	6.3	361	1.52	<0.5	3.7	3.5	6.8	11	2.4	<0.1	1.0	3	0.10
RF09 067B	Rock	0.67	2.4	941.3	27.2	197	1.7	198.5	98.7	1964	22.34	25.5	1.3	7.2	0.3	4	0.5	<0.1	3.3	217	0.23
RF09 067E	Rock	0.77	15.5	3978	1467	9671	40.5	6.9	29.1	1421	5.51	1.1	2.0	62.3	3.5	17	195.2	<0.1	58.2	13	0.09
RF09 067F	Rock	0.83	1.0	>10000	155.5	1119	76.9	8.9	53.8	1571	10.29	2.9	2.2	37.6	4.1	5	21.2	<0.1	13.8	10	0.05
STANDARD 3	Rock Pulp	0.22	0.9	278.7	29.6	40	0.3	2.6	2.6	214	0.86	1.8	1.3	2.6	11.6	78	0.2	0.1	0.1	42	6.28
MF09216-R1	Rock	0.47	8.1	2072	13.0	340	5.3	26.9	53.6	2093	16.69	9.9	0.3	14363	0.8	14	2.4	<0.1	6.0	307	0.37
MF09217-R1-A	Rock	0.74	3.5	429.9	6.7	154	1.4	48.9	94.9	2411	20.37	23.2	0.1	44.3	0.5	2	0.2	0.1	1.4	405	0.24
MF09217-R2-A	Rock	0.48	12.2	429.6	5.9	124	1.6	51.5	39.3	1966	18.51	21.1	0.1	20.4	0.4	2	0.2	0.3	1.1	352	0.15
MF09A194-R-A	Rock	0.06	3.8	>10000	54.1	435	26.6	37.0	101.1	310	11.66	15.0	0.3	1069	0.3	10	8.5	0.8	27.3	90	0.20
MF09A240-R1	Rock	0.30	1.1	141.3	2.8	45	0.4	158.4	26.1	452	5.04	1.7	0.2	5.4	0.2	8	4.7	<0.1	<0.1	76	0.49
MF09A240-R2	Rock	1.23	0.5	330.9	1235	1388	1.3	21.0	21.7	1576	2.77	1.0	<0.1	13.9	0.1	37	18.2	1.6	0.5	70	2.98
MF09A241-R	Rock	1.02	22.7	300.0	23.1	47	0.4	86.6	29.8	461	13.08	0.6	1.4	10.0	1.1	9	0.3	0.4	0.2	117	0.26
MF09A242-R	Rock	0.57	14.1	134.7	50.5	99	1.0	43.9	13.8	166	10.14	22.6	1.1	1.5	0.7	5	1.2	4.5	0.2	25	0.13
MF09A242-R2	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.
MF09289-R	Rock	1.20	8.1	9.6	2.6	16	<0.1	1.8	1.0	514	0.94	<0.5	4.1	119.6	7.0	11	<0.1	<0.1	<0.1	5	0.08
MF09290-R	Rock	0.33	385.6	17.2	37.2	14	0.6	2.1	4.3	259	0.72	14.7	5.6	15.4	2.3	4	0.3	0.1	4.5	4	0.04
MF09290-R2	Rock	1.43	424.4	14.5	30.5	10	0.5	1.7	2.7	113	0.71	14.6	6.6	13.1	5.5	3	<0.1	0.1	4.2	3	0.03

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Project: FLAN
Report Date: October 09, 2009

CERTIFICATE OF ANALYSIS VAN09003259.3

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6	G6	7AR
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ag Grav	Au Grav	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	gm/mt	gm/mt	%
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	5	0.17	0.001
STANDARD 1	Rock Pulp	0.134	8	2	2.44	7	0.170	<20	4.92	0.003	<0.01	0.2	0.02	17.3	<0.1	1.18	24	1.5	N.A.	N.A.	N.A.
BF09044	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.
BF09047	Rock	0.002	<1	1	0.20	10	0.003	<20	2.23	<0.001	<0.01	4.7	0.20	0.4	<0.1	8.80	20	53.9	451	<0.17	16.21
BF09048	Rock	0.008	3	2	0.21	38	0.002	<20	1.87	0.005	0.12	12.8	0.02	0.7	<0.1	4.57	13	18.5	N.A.	N.A.	N.A.
RF09073B	Rock	0.006	2	4	0.08	28	0.002	<20	1.30	0.002	0.08	0.2	0.12	1.0	<0.1	8.56	7	17.0	N.A.	N.A.	N.A.
RF09073F	Rock	0.010	6	3	0.08	182	0.001	<20	1.05	0.003	0.19	0.2	0.05	0.7	<0.1	1.72	4	4.1	N.A.	N.A.	N.A.
RF09074A	Rock	0.010	2	4	0.03	36	0.004	<20	0.65	0.004	0.20	0.2	0.03	0.8	<0.1	0.74	2	3.3	N.A.	N.A.	N.A.
RF09074C	Rock	0.005	<1	3	0.13	13	0.002	<20	1.70	<0.001	<0.01	0.3	0.15	0.6	<0.1	>10	10	45.7	N.A.	N.A.	1.073
STANDARD 2	Rock Pulp	0.095	3	23	1.13	275	0.239	<20	2.19	0.099	0.02	<0.1	0.01	5.0	<0.1	0.12	9	0.9	N.A.	N.A.	N.A.
AF09 032R	Rock	0.020	4	26	0.48	31	0.049	<20	2.19	0.026	0.14	5.9	0.08	2.6	<0.1	0.66	10	8.3	N.A.	N.A.	N.A.
AF09 033R	Rock	0.012	5	5	0.13	39	0.006	<20	1.07	0.004	0.20	0.3	0.04	1.1	<0.1	0.18	5	2.5	N.A.	N.A.	N.A.
BF09 040	Rock	0.013	3	7	0.20	46	0.016	<20	1.19	0.011	0.19	0.2	0.03	1.3	<0.1	0.05	5	0.7	N.A.	N.A.	N.A.
BF09 041	Rock	0.052	2	96	2.91	5	0.251	<20	5.18	<0.001	<0.01	0.2	0.02	14.9	<0.1	6.05	29	14.9	N.A.	N.A.	N.A.
BF09 042	Rock	0.010	3	4	0.05	68	0.004	<20	0.55	0.014	0.28	<0.1	0.08	0.6	<0.1	0.42	2	1.4	N.A.	N.A.	N.A.
RF09 067B	Rock	0.046	2	78	2.60	5	0.238	<20	4.64	<0.001	<0.01	0.3	<0.01	14.3	<0.1	8.82	26	18.2	N.A.	N.A.	N.A.
RF09 067E	Rock	0.008	4	4	0.24	26	0.006	<20	1.93	0.003	0.14	0.2	0.20	1.6	<0.1	0.79	9	18.8	N.A.	N.A.	N.A.
RF09 067F	Rock	0.008	3	3	0.18	31	0.005	<20	2.28	0.003	0.15	4.8	0.08	1.2	<0.1	1.32	13	5.9	N.A.	N.A.	1.636
STANDARD 3	Rock Pulp	0.101	15	4	0.13	3	0.110	<20	3.96	0.005	<0.01	0.6	0.03	5.1	<0.1	<0.05	8	0.8	N.A.	N.A.	N.A.
MF09216-R1	Rock	0.082	5	12	1.84	17	0.131	<20	3.94	0.023	0.02	0.2	0.02	14.1	<0.1	3.23	18	6.0	N.A.	N.A.	N.A.
MF09217-R1-A	Rock	0.084	4	25	2.85	23	0.149	<20	5.73	<0.001	<0.01	0.4	<0.01	24.8	<0.1	4.67	26	8.8	N.A.	N.A.	N.A.
MF09217-R2-A	Rock	0.071	3	19	2.41	27	0.167	<20	4.92	0.001	<0.01	0.4	<0.01	20.7	0.3	3.35	26	7.4	N.A.	N.A.	N.A.
MF09A194-R-A	Rock	0.021	1	19	0.36	24	0.082	<20	0.97	0.022	0.02	2.2	<0.01	3.1	<0.1	4.66	5	16.6	N.A.	N.A.	1.372
MF09A240-R1	Rock	0.027	1	432	2.64	4	0.149	<20	2.44	0.047	<0.01	<0.1	<0.01	2.7	<0.1	0.97	7	1.4	N.A.	N.A.	N.A.
MF09A240-R2	Rock	0.020	<1	26	0.48	7	0.176	<20	0.81	0.018	<0.01	0.1	0.02	4.1	<0.1	0.55	5	5.2	N.A.	N.A.	N.A.
MF09A241-R	Rock	0.045	5	76	1.73	14	0.156	<20	1.83	0.026	0.01	<0.1	<0.01	9.9	<0.1	5.31	6	9.0	N.A.	N.A.	N.A.
MF09A242-R	Rock	0.034	2	13	0.31	22	0.077	<20	0.51	0.020	0.06	<0.1	<0.01	2.7	<0.1	5.10	2	11.5	N.A.	N.A.	N.A.
MF09A242-R2	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.
MF09289-R	Rock	0.006	8	6	0.16	51	0.040	<20	0.44	0.054	0.12	0.2	<0.01	1.6	<0.1	0.08	3	<0.5	N.A.	N.A.	N.A.
MF09290-R	Rock	0.006	11	3	0.02	18	0.004	<20	0.52	0.002	0.02	0.7	0.02	1.4	0.6	<0.05	2	<0.5	N.A.	N.A.	N.A.
MF09290-R2	Rock	0.009	11	2	0.02	22	0.002	<20	0.55	0.018	0.06	0.6	<0.01	1.0	0.3	<0.05	2	<0.5	N.A.	N.A.	N.A.

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Project: FLAN
Report Date: October 09, 2009

CERTIFICATE OF ANALYSIS VAN09003259.3

		Method	7AR	3B
		Analyte	Zn	Au
		Unit	%	ppb
		MDL	0.01	2
STANDARD 1	Rock Pulp		N.A.	N.A.
BF09044	Rock		L.N.R.	L.N.R.
BF09047	Rock		0.40	282
BF09048	Rock		N.A.	58
RF09073B	Rock		N.A.	266
RF09073F	Rock		N.A.	22
RF09074A	Rock		N.A.	7
RF09074C	Rock		0.20	594
STANDARD 2	Rock Pulp		N.A.	N.A.
AF09 032R	Rock		N.A.	371
AF09 033R	Rock		N.A.	N.A.
BF09 040	Rock		N.A.	N.A.
BF09 041	Rock		N.A.	5
BF09 042	Rock		N.A.	N.A.
RF09 067B	Rock		N.A.	24
RF09 067E	Rock		N.A.	81
RF09 067F	Rock		0.10	46
STANDARD 3	Rock Pulp		N.A.	N.A.
MF09216-R1	Rock		N.A.	8162
MF09217-R1-A	Rock		N.A.	N.A.
MF09217-R2-A	Rock		N.A.	N.A.
MF09A194-R-A	Rock		0.04	1313
MF09A240-R1	Rock		N.A.	30
MF09A240-R2	Rock		N.A.	35
MF09A241-R	Rock		N.A.	10
MF09A242-R	Rock		N.A.	N.A.
MF09A242-R2	Rock		L.N.R.	L.N.R.
MF09289-R	Rock		N.A.	3
MF09290-R	Rock		N.A.	12
MF09290-R2	Rock		N.A.	14

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Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
MF09312-R	Rock	0.93	81.6	1410	9.6	519	1.7	24.7	13.4	1072	24.28	2427	2.0	67.4	0.7	10	2.5	0.6	9.4	232	0.18
MF09JPS-03	Rock	0.62	15.3	>10000	510.2	1950	74.7	10.4	51.3	2470	11.15	6.5	2.7	29.9	5.0	14	33.8	<0.1	28.9	17	0.10
MF09JPS-05	Rock	0.52	7.8	>10000	3466	>10000	81.6	12.3	64.2	2361	10.53	3.3	1.3	65.4	3.6	9	562.4	<0.1	82.5	18	0.05
MF09JPS-06	Rock	0.34	20.6	3098	6237	>10000	>100	5.1	41.1	2013	7.68	0.9	2.1	176.9	4.6	14	339.3	<0.1	153.6	13	0.06
MF09JPS-08	Rock	0.52	4.7	5861	2002	>10000	43.9	4.8	37.4	1563	6.13	1.3	1.6	57.2	3.3	11	302.7	<0.1	54.1	14	0.06
MF09JPS-09	Rock	0.93	2.9	3548	1244	>10000	32.5	6.4	33.0	1699	6.51	1.2	1.4	45.4	2.3	6	249.2	<0.1	38.6	14	0.05
MF09GVM2	Rock	0.14	5.1	506.5	29.8	1267	0.7	44.3	47.8	2049	10.60	4.4	0.3	2.9	0.8	92	6.2	0.1	1.0	334	1.05
MF09GVM4	Rock	0.14	6.7	540.6	32.3	1261	0.7	46.2	51.5	2889	9.41	5.0	0.3	4.7	0.7	94	7.4	0.1	0.9	295	1.56
MF09GVN2	Rock	0.07	1.4	498.5	8.8	325	0.4	58.4	54.2	2602	14.71	0.6	0.2	1.4	0.7	40	1.7	<0.1	0.2	489	0.65
MF09GVMN5	Rock	0.78	219.1	3255	21.5	316	6.4	27.5	147.6	2010	20.19	83.9	0.2	211.9	0.2	46	3.4	0.3	1.5	172	0.46
MF09GVN	Rock	0.61	1.7	426.5	2.8	109	0.5	20.5	32.9	911	7.24	0.5	0.2	<0.5	1.0	65	0.4	<0.1	<0.1	219	1.14
MF09GVMN2	Rock	1.13	60.5	4364	19.6	2054	7.1	21.1	144.6	1527	18.31	25.0	<0.1	164.4	<0.1	111	40.7	0.3	0.9	123	0.90
STANDARD 4	Rock Pulp	0.22	2.1	2801	23.6	1511	6.3	20.9	68.8	2693	17.90	55.3	0.2	70.9	0.7	2	16.4	0.2	3.8	419	0.43
AF09003A	Rock	1.06	3.7	1487	25.3	99	3.6	46.0	160.3	770	20.24	<0.5	<0.1	32.1	0.2	2	1.2	<0.1	1.4	122	0.11
AF09003B	Rock	0.68	3.1	>10000	5.8	6029	>100	33.2	219.0	977	29.38	9.4	<0.1	>100000	0.3	3	89.1	<0.1	49.6	178	0.11
AF09011	Rock	0.62	0.6	532.6	5.6	95	0.5	65.2	44.9	1080	7.22	22.1	<0.1	153.2	0.4	55	0.6	<0.1	0.2	226	2.18
AF09030R	Rock	0.34	1.0	1734	5.5	165	1.8	63.3	47.1	1015	7.09	19.2	<0.1	798.5	0.4	47	1.7	<0.1	0.7	214	1.81
RF09-012	Rock	0.85	0.6	4197	1.9	33	15.1	3.7	4.5	118	10.98	<0.5	<0.1	238.6	0.1	8	0.2	0.4	3.2	75	0.41
RF09-029	Rock	1.98	1.6	439.6	6.5	59	0.7	85.5	47.8	374	8.20	14.1	0.6	19.1	0.5	11	0.2	0.2	0.2	184	1.04
RF09-043	Rock	0.60	1.0	5385	305.6	172	29.2	0.9	6.7	715	22.38	190.1	0.9	138.0	3.1	<1	2.3	<0.1	256.3	20	0.05
RF09-048	Rock	0.40	20.8	303.6	24.7	294	2.0	93.0	22.0	282	4.76	6.0	2.1	9.2	1.4	5	3.1	0.8	2.3	122	0.43
51421	Rock	0.59	0.4	5716	20.0	651	15.6	151.4	244.3	863	35.85	<0.5	<0.1	16745	0.1	<1	8.9	<0.1	21.9	113	0.08
51422	Rock	0.83	0.5	9401	19.2	625	21.9	142.1	222.5	625	33.01	5.3	<0.1	11688	<0.1	<1	8.2	<0.1	22.2	86	0.05
51423	Rock	0.69	4.9	1802	33.8	46	9.2	88.2	497.7	519	34.08	112.8	<0.1	4530	0.3	5	0.7	0.3	11.6	126	0.14
51424	Rock	0.67	15.2	138.2	32.0	81	1.1	42.4	17.7	263	9.01	64.6	0.8	5.0	0.6	6	0.9	4.4	0.4	36	0.24
51425	Rock	0.77	0.9	352.7	5.1	49	0.4	66.6	53.2	462	7.94	11.6	0.1	3.7	0.2	7	<0.1	0.1	0.4	225	0.66
51427	Rock	0.99	1.1	310.2	6.0	52	0.6	81.4	45.8	317	7.91	6.7	0.1	1.3	0.4	8	<0.1	<0.1	0.2	223	0.68
51429	Rock	0.74	1.0	242.9	3.1	57	0.3	72.6	42.2	414	6.26	5.9	0.1	1.8	0.5	9	<0.1	<0.1	0.4	208	0.57
51430	Rock	0.54	0.4	19.7	4.2	13	<0.1	6.0	2.0	122	1.34	3.7	0.1	1.6	0.4	3	<0.1	0.1	0.1	20	1.92
51431	Rock	0.32	1.1	354.7	4.1	51	0.4	97.2	68.6	380	7.97	7.7	<0.1	0.8	0.3	8	<0.1	0.1	0.7	192	0.63

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6	G6	7AR
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ag Grav	Au Grav	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	gm/mt	gm/mt	%
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	5	0.17	0.001
MF09312-R	Rock	0.072	4	62	0.84	46	0.116	<20	2.97	0.001	<0.01	1.5	<0.01	13.0	<0.1	<0.05	19	2.1	N.A.	N.A.	N.A.
MF09JPS-03	Rock	0.010	4	2	0.34	30	0.008	<20	3.26	0.005	0.16	<0.1	0.09	1.6	<0.1	1.08	17	10.7	N.A.	N.A.	1.415
MF09JPS-05	Rock	0.008	5	1	0.35	30	0.006	<20	3.04	0.003	0.15	<0.1	0.28	1.7	<0.1	1.81	17	31.9	N.A.	N.A.	1.353
MF09JPS-06	Rock	0.008	4	1	0.29	36	0.005	<20	2.69	0.005	0.20	<0.1	0.21	1.6	<0.1	1.08	14	51.6	96	<0.17	0.295
MF09JPS-08	Rock	0.009	9	5	0.27	32	0.012	<20	2.09	0.005	0.17	0.1	0.18	1.6	<0.1	0.99	10	22.7	N.A.	N.A.	0.572
MF09JPS-09	Rock	0.009	3	2	0.29	41	0.004	<20	2.33	0.005	0.21	0.1	0.19	1.6	<0.1	1.01	12	14.2	N.A.	N.A.	0.332
MF09GVM2	Rock	0.116	10	19	2.35	51	0.134	<20	5.07	0.006	0.02	<0.1	0.05	18.0	<0.1	<0.05	19	0.9	N.A.	N.A.	N.A.
MF09GVM4	Rock	0.099	8	16	1.97	63	0.039	<20	5.73	0.005	0.05	<0.1	0.04	16.9	<0.1	<0.05	18	<0.5	N.A.	N.A.	N.A.
MF09GVN2	Rock	0.120	10	32	3.83	30	0.096	<20	6.34	<0.001	<0.01	<0.1	<0.01	21.0	<0.1	<0.05	22	<0.5	N.A.	N.A.	N.A.
MF09GVMN5	Rock	0.026	3	6	1.69	24	0.081	<20	4.47	<0.001	<0.01	0.4	0.08	5.6	<0.1	7.39	18	15.4	N.A.	N.A.	N.A.
MF09GVN	Rock	0.158	9	7	1.89	20	0.245	<20	3.12	0.026	0.01	0.1	<0.01	11.0	<0.1	<0.05	12	0.6	N.A.	N.A.	N.A.
MF09GVMN2	Rock	0.013	<1	3	1.24	16	0.043	<20	3.34	0.002	<0.01	0.6	0.16	2.8	<0.1	6.72	18	14.7	N.A.	N.A.	N.A.
STANDARD 4	Rock Pulp	0.114	6	4	2.20	3	0.152	<20	5.03	0.002	<0.01	0.4	0.06	15.3	<0.1	4.92	23	10.9	N.A.	N.A.	N.A.
AF09003A	Rock	0.020	1	3	0.69	4	0.066	<20	1.40	0.001	0.01	0.7	<0.01	5.0	<0.1	9.90	6	19.8	N.A.	N.A.	N.A.
AF09003B	Rock	0.036	2	3	1.07	3	0.043	<20	1.93	<0.001	<0.01	0.7	0.05	7.6	<0.1	9.34	10	46.3	260	104.00	9.456
AF09011	Rock	0.061	6	89	1.39	194	0.068	<20	1.83	0.040	0.07	<0.1	0.05	18.6	<0.1	0.72	8	1.4	N.A.	N.A.	N.A.
AF09030R	Rock	0.065	6	87	1.26	153	0.072	<20	1.81	0.043	0.06	<0.1	0.06	18.1	<0.1	1.04	8	2.2	N.A.	N.A.	N.A.
RF09-012	Rock	0.021	<1	6	0.18	32	0.049	<20	0.42	0.034	0.02	46.1	0.03	1.4	0.2	0.50	5	43.7	N.A.	N.A.	N.A.
RF09-029	Rock	0.127	3	55	1.72	29	0.344	<20	2.50	0.080	0.02	0.3	<0.01	8.1	<0.1	3.77	12	15.7	N.A.	N.A.	N.A.
RF09-043	Rock	0.021	1	2	0.21	11	0.005	<20	1.80	<0.001	0.16	<0.1	<0.01	1.5	<0.1	>10	6	17.1	N.A.	N.A.	N.A.
RF09-048	Rock	0.090	5	105	1.09	31	0.232	<20	0.99	0.055	0.05	0.2	0.04	2.8	0.6	3.85	6	37.8	N.A.	N.A.	N.A.
51421	Rock	0.016	<1	27	0.95	1	0.041	<20	1.47	<0.001	<0.01	0.1	0.02	6.1	<0.1	9.78	5	62.0	N.A.	N.A.	N.A.
51422	Rock	0.009	<1	18	0.67	<1	0.027	<20	1.07	<0.001	<0.01	<0.1	0.01	3.8	<0.1	>10	4	62.8	N.A.	N.A.	N.A.
51423	Rock	0.028	2	3	0.60	12	0.058	<20	1.42	0.004	0.04	0.5	<0.01	4.6	0.2	>10	8	42.1	N.A.	N.A.	N.A.
51424	Rock	0.054	2	13	0.61	23	0.113	<20	0.65	0.016	0.06	0.1	<0.01	3.1	<0.1	5.99	3	9.3	N.A.	N.A.	N.A.
51425	Rock	0.095	2	66	1.56	22	0.372	<20	2.21	0.062	0.06	0.1	<0.01	10.8	<0.1	3.28	11	1.7	N.A.	N.A.	N.A.
51427	Rock	0.102	3	68	1.42	37	0.343	<20	1.79	0.052	0.04	0.2	<0.01	4.2	<0.1	2.87	10	4.2	N.A.	N.A.	N.A.
51429	Rock	0.092	3	62	1.73	62	0.261	<20	2.18	0.062	0.03	0.2	<0.01	7.9	<0.1	2.03	11	3.3	N.A.	N.A.	N.A.
51430	Rock	0.012	1	17	0.16	18	0.065	<20	1.56	0.002	<0.01	<0.1	<0.01	1.1	<0.1	0.34	7	0.8	N.A.	N.A.	N.A.
51431	Rock	0.080	2	63	1.23	39	0.321	<20	2.02	0.039	0.05	0.2	0.03	5.9	<0.1	3.64	12	2.6	N.A.	N.A.	N.A.

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Project: FLAN
Report Date: October 09, 2009

CERTIFICATE OF ANALYSIS VAN09003259.3

		Method	7AR	3B
		Analyte	Zn	Au
		Unit	%	ppb
		MDL	0.01	2
MF09312-R	Rock		N.A.	76
MF09JPS-03	Rock		0.17	149
MF09JPS-05	Rock		2.57	118
MF09JPS-06	Rock		1.61	173
MF09JPS-08	Rock		1.33	89
MF09JPS-09	Rock		1.15	233
MF09GVM2	Rock		N.A.	N.A.
MF09GVM4	Rock		N.A.	N.A.
MF09GVN2	Rock		N.A.	N.A.
MF09GVMN5	Rock		N.A.	244
MF09GVN	Rock		N.A.	N.A.
MF09GVMN2	Rock		N.A.	133
STANDARD 4	Rock Pulp		N.A.	N.A.
AF09003A	Rock		N.A.	52
AF09003B	Rock		0.57	N.A.
AF09011	Rock		N.A.	179
AF09030R	Rock		N.A.	1281
RF09-012	Rock		N.A.	716
RF09-029	Rock		N.A.	71
RF09-043	Rock		N.A.	186
RF09-048	Rock		N.A.	17
51421	Rock		N.A.	<2
51422	Rock		N.A.	>10000
51423	Rock		N.A.	4233
51424	Rock		N.A.	70
51425	Rock		N.A.	N.A.
51427	Rock		N.A.	N.A.
51429	Rock		N.A.	N.A.
51430	Rock		N.A.	N.A.
51431	Rock		N.A.	N.A.

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CERTIFICATE OF ANALYSIS VAN09003259.3

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
DJ001	Rock	1.15	0.5	172.5	1.4	38	0.3	49.4	24.7	153	3.12	2.6	<0.1	3.5	0.2	45	<0.1	0.1	<0.1	90	0.84
DJ002	Rock	1.24	4.3	7169	22.8	833	17.9	37.9	146.9	1372	18.25	68.2	0.1	53839	0.4	3	11.7	0.3	16.4	267	0.57
RF09060	Rock	0.41	4.6	62.6	1.6	112	<0.1	180.5	25.3	401	2.10	5.5	<0.1	26.8	<0.1	92	1.3	<0.1	0.2	46	2.09
RF09062	Rock	0.86	0.2	49.1	1.4	50	<0.1	26.3	14.0	396	2.02	1.8	<0.1	1.2	0.1	73	0.2	0.1	0.1	60	1.94
RF09078	Rock	1.11	5.6	1165	2.9	72	0.6	166.0	163.9	769	12.39	13.5	0.2	6.2	0.3	32	0.2	<0.1	1.1	90	0.65
BF09049	Rock	1.19	12.6	7824	98.1	298	49.9	0.9	72.1	574	13.17	23.2	7.1	71.3	2.5	2	3.8	0.2	8.4	10	0.02

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CERTIFICATE OF ANALYSIS VAN09003259.3

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6	G6	7AR
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ag Grav	Au Grav	Cu
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	gm/mt	gm/mt	%
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	5	0.17	0.001
DJ001	Rock	0.070	2	15	0.67	137	0.196	<20	1.65	0.175	0.32	<0.1	<0.01	2.2	<0.1	0.63	6	0.5	N.A.	N.A.	N.A.
DJ002	Rock	0.065	4	2	1.35	7	0.123	<20	2.97	<0.001	<0.01	0.4	0.01	9.8	<0.1	9.83	15	20.9	N.A.	N.A.	N.A.
RF09060	Rock	0.015	<1	321	2.26	10	0.079	<20	3.56	0.203	0.02	0.5	<0.01	3.3	<0.1	0.06	7	<0.5	N.A.	N.A.	N.A.
RF09062	Rock	0.033	1	29	1.02	2	0.218	<20	1.34	<0.001	<0.01	0.4	<0.01	3.9	<0.1	0.09	6	<0.5	N.A.	N.A.	N.A.
RF09078	Rock	0.051	2	33	0.99	24	0.131	<20	2.54	0.108	0.02	<0.1	<0.01	3.5	<0.1	7.05	11	31.4	N.A.	N.A.	N.A.
BF09049	Rock	0.006	2	4	0.05	19	0.005	<20	1.83	<0.001	0.08	0.1	0.08	0.6	0.1	5.63	9	13.8	N.A.	N.A.	N.A.

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CERTIFICATE OF ANALYSIS VAN09003259.3

		Method	7AR	3B
		Analyte	Zn	Au
		Unit	%	ppb
		MDL	0.01	2
DJ001	Rock		N.A.	N.A.
DJ002	Rock		N.A.	>10000
RF09060	Rock		N.A.	37
RF09062	Rock		N.A.	N.A.
RF09078	Rock		N.A.	N.A.
BF09049	Rock		N.A.	N.A.

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QUALITY CONTROL REPORT VAN09003259.3

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
STANDARD 2	Rock Pulp	0.23	1.7	1371	1.4	66	1.5	27.4	19.6	339	4.40	4.4	<0.1	4.4	0.4	233	0.5	0.2	<0.1	142	1.09
REP STANDARD 2	QC		1.6	1384	1.4	67	1.4	27.2	21.1	341	4.51	4.6	<0.1	5.1	0.4	228	0.5	0.2	<0.1	147	1.13
MF09JPS-06	Rock	0.34	20.6	3098	6237	>10000	>100	5.1	41.1	2013	7.68	0.9	2.1	176.9	4.6	14	339.3	<0.1	153.6	13	0.06
REP MF09JPS-06	QC																				
MF09GVM4	Rock	0.14	6.7	540.6	32.3	1261	0.7	46.2	51.5	2889	9.41	5.0	0.3	4.7	0.7	94	7.4	0.1	0.9	295	1.56
REP MF09GVM4	QC		6.7	544.8	31.9	1265	0.7	47.4	52.5	2907	9.48	4.9	0.3	3.3	0.7	93	7.2	0.1	0.9	296	1.57
RF09-012	Rock	0.85	0.6	4197	1.9	33	15.1	3.7	4.5	118	10.98	<0.5	<0.1	238.6	0.1	8	0.2	0.4	3.2	75	0.41
REP RF09-012	QC		0.6	4337	2.1	34	15.4	3.6	4.7	116	11.45	<0.5	<0.1	235.7	0.1	8	0.2	0.5	3.6	76	0.40
Reference Materials																					
STD DS7	Standard		20.0	109.8	74.3	396	0.7	56.3	9.4	627	2.37	54.5	4.8	43.1	4.2	77	6.2	4.7	4.9	80	0.92
STD DS7	Standard		19.3	101.1	70.1	381	0.8	52.5	9.1	595	2.31	47.3	4.8	65.1	4.3	75	6.0	3.7	4.1	77	0.94
STD DS7	Standard		19.8	103.6	64.7	387	0.8	56.2	9.7	636	2.48	53.0	4.3	49.7	3.7	69	6.0	4.6	4.1	78	0.94
STD DS7	Standard		19.8	103.8	71.6	416	1.0	52.4	9.3	618	2.45	53.3	4.7	58.2	4.4	71	6.7	4.5	4.5	81	0.94
STD GC-7	Standard																				
STD OREAS45PA	Standard		0.9	618.4	20.9	132	0.3	295.3	111.0	1156	16.47	4.9	1.3	41.4	6.8	17	0.1	0.2	0.3	224	0.24
STD OREAS45PA	Standard		0.8	626.6	22.3	136	0.3	308.8	110.2	1190	17.12	4.0	1.4	47.4	7.4	17	0.1	0.1	0.2	235	0.25
STD OREAS45PA	Standard		1.0	606.5	17.6	116	0.3	291.4	111.6	1117	18.13	4.5	1.0	43.2	5.5	15	<0.1	0.1	0.2	224	0.23
STD OREAS45PA	Standard		0.8	608.7	19.9	124	0.3	307.2	105.6	1165	16.95	4.3	1.1	44.2	6.3	14	<0.1	<0.1	0.2	226	0.24
STD OXE56	Standard																				
STD OXE56	Standard																				
STD OXE56	Standard																				
STD OXH55	Standard																				
STD OXH55	Standard																				
STD OXP61	Standard																				
STD R4A	Standard																				
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
STD OREAS45PA Expected			0.9	600	19	119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221	0.2411
STD GC-7 Expected																					

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QUALITY CONTROL REPORT VAN09003259.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6	G6	7AR
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Ag Grav	Au Grav	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	gm/mt	gm/mt	%
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	5	0.17	0.001
Pulp Duplicates																					
STANDARD 2	Rock Pulp	0.095	3	23	1.13	275	0.239	<20	2.19	0.099	0.02	<0.1	0.01	5.0	<0.1	0.12	9	0.9	N.A.	N.A.	N.A.
REP STANDARD 2	QC	0.099	3	24	1.15	263	0.249	<20	2.22	0.099	0.02	<0.1	<0.01	5.0	<0.1	0.12	9	0.5			
MF09JPS-06	Rock	0.008	4	1	0.29	36	0.005	<20	2.69	0.005	0.20	<0.1	0.21	1.6	<0.1	1.08	14	51.6	96	<0.17	0.295
REP MF09JPS-06	QC																		99	<0.17	
MF09GVM4	Rock	0.099	8	16	1.97	63	0.039	<20	5.73	0.005	0.05	<0.1	0.04	16.9	<0.1	<0.05	18	<0.5	N.A.	N.A.	N.A.
REP MF09GVM4	QC	0.101	8	19	1.99	62	0.041	<20	5.84	0.002	0.05	<0.1	0.04	17.0	<0.1	<0.05	19	0.6			
RF09-012	Rock	0.021	<1	6	0.18	32	0.049	<20	0.42	0.034	0.02	46.1	0.03	1.4	0.2	0.50	5	43.7	N.A.	N.A.	N.A.
REP RF09-012	QC	0.022	1	7	0.19	36	0.045	<20	0.43	0.035	0.02	48.6	0.04	1.3	0.2	0.51	6	46.1			
Reference Materials																					
STD DS7	Standard	0.076	12	177	1.02	406	0.107	49	0.98	0.090	0.45	3.4	0.19	2.2	4.1	0.20	4	3.2			
STD DS7	Standard	0.079	13	181	1.02	409	0.107	37	1.01	0.096	0.44	3.6	0.21	2.4	4.5	0.19	5	3.7			
STD DS7	Standard	0.084	11	216	1.01	404	0.111	48	1.00	0.097	0.46	3.4	0.18	2.0	3.9	0.19	5	3.6			
STD DS7	Standard	0.078	13	196	1.06	435	0.121	55	1.07	0.101	0.47	3.4	0.19	2.4	4.1	0.19	5	3.7			
STD GC-7	Standard																				0.559
STD OREAS45PA	Standard	0.033	17	746	0.10	201	0.129	<20	3.26	0.013	0.07	<0.1	0.04	40.7	<0.1	<0.05	17	<0.5			
STD OREAS45PA	Standard	0.038	18	849	0.11	211	0.136	<20	3.56	0.010	0.08	<0.1	0.03	42.4	<0.1	<0.05	18	0.6			
STD OREAS45PA	Standard	0.034	16	911	0.10	183	0.122	<20	3.55	0.008	0.07	<0.1	0.02	38.1	<0.1	<0.05	17	0.6			
STD OREAS45PA	Standard	0.031	15	740	0.11	179	0.126	<20	3.55	0.015	0.07	<0.1	0.02	40.1	<0.1	<0.05	16	0.8			
STD OXE56	Standard																				
STD OXE56	Standard																				
STD OXE56	Standard																				
STD OXH55	Standard																				
STD OXH55	Standard																				
STD OXP61	Standard																		<5	14.57	
STD R4A	Standard																				0.512
STD DS7 Expected		0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5			
STD OREAS45PA Expected		0.034	16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	43	0.07	0.03	16.8	0.54			
STD GC-7 Expected																					0.555

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QUALITY CONTROL REPORT VAN09003259.3

		Method	7AR	3B
		Analyte	Zn	Au
		Unit	%	ppb
		MDL	0.01	2
Pulp Duplicates				
STANDARD 2	Rock Pulp		N.A.	N.A.
REP STANDARD 2	QC			
MF09JPS-06	Rock		1.61	173
REP MF09JPS-06	QC			
MF09GVM4	Rock		N.A.	N.A.
REP MF09GVM4	QC			
RF09-012	Rock		N.A.	716
REP RF09-012	QC			
Reference Materials				
STD DS7	Standard			
STD DS7	Standard			
STD DS7	Standard			
STD DS7	Standard			
STD GC-7	Standard		21.90	
STD OREAS45PA	Standard			
STD OREAS45PA	Standard			
STD OREAS45PA	Standard			
STD OREAS45PA	Standard			
STD OXE56	Standard			635
STD OXE56	Standard			636
STD OXE56	Standard			642
STD OXH55	Standard			1298
STD OXH55	Standard			1346
STD OXP61	Standard			
STD R4A	Standard		3.30	
STD DS7 Expected				
STD OREAS45PA Expected				
STD GC-7 Expected			22.06	

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		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD R4A Expected																					
STD OXP61 Expected																					
STD OXH55 Expected																					
STD OXE56 Expected																					
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	0.1	2.8	2.6	48	<0.1	4.0	4.5	575	2.00	<0.5	1.6	3.0	3.8	66	<0.1	<0.1	0.1	39	0.56
G1	Prep Blank	<0.01	0.2	2.6	2.8	48	<0.1	4.9	4.9	579	1.95	<0.5	1.5	0.7	3.2	62	<0.1	<0.1	<0.1	39	0.56

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: FLAN

Report Date: October 09, 2009

QUALITY CONTROL REPORT VAN09003259.3

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6	G6	7AR
		P	**La**	**Cr**	**Mg**	**Ba**	**Ti**	**B**	**Al**	**Na**	**K**	**W**	**Hg**	**Sc**	**Tl**	**S**	**Ga**	**Se**	**Ag Grav**	**Au Grav**	**Cu**
		%	**ppm**	**ppm**	**%**	**ppm**	**%**	**ppm**	**%**	**%**	**%**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**ppm**	**ppm**	**gm/mt**	**gm/mt**	**%**
		0.001	**1**	**1**	**0.01**	**1**	**0.001**	**20**	**0.01**	**0.001**	**0.01**	**0.1**	**0.01**	**0.1**	**0.1**	**0.05**	**1**	**0.5**	**5**	**0.17**	**0.001**
STD R4A Expected																					0.502
STD OXP61 Expected																				14.917	
STD OXH55 Expected																					
STD OXE56 Expected																					
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	0.003	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5			
BLK	Blank																				<0.001
BLK	Blank																		<5	<0.17	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.083	7	9	0.64	272	0.133	<20	1.00	0.079	0.56	0.1	<0.01	2.0	0.4	<0.05	5	<0.5	N.A.	N.A.	N.A.
G1	Prep Blank	0.088	6	8	0.65	261	0.132	<20	0.97	0.076	0.55	0.1	<0.01	2.0	0.4	<0.05	5	<0.5	N.A.	N.A.	N.A.

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Schau, Mikkel**
1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: FLAN
Report Date: October 09, 2009

QUALITY CONTROL REPORT VAN09003259.3

		7AR Zn % 0.01	3B Au ppb 2
STD R4A Expected		3.31	
STD OXP61 Expected			
STD OXH55 Expected			1282
STD OXE56 Expected			611
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank	<0.01	
BLK	Blank		
BLK	Blank		<2
BLK	Blank		<2
BLK	Blank		<2
BLK	Blank		14
BLK	Blank		<2
Prep Wash			
G1	Prep Blank	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.

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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: October 14, 2009
Report Date: October 26, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09003259R.1

CLIENT JOB INFORMATION

Project: FLAN
Shipment ID:
P.O. Number
Number of Samples: 4

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
1DX	4	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
3B01	4	Fire assay fusion Au by ICP-ES	30	Completed	VAN

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.

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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
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Project: FLAN
Report Date: October 26, 2009

CERTIFICATE OF ANALYSIS VAN09003259R.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
MF09289-R	Rock	4.4	8.3	2.7	14	<0.1	1.7	0.8	476	0.88	<0.5	2.7	<0.5	5.6	9	<0.1	<0.1	<0.1	5	0.08	0.006
MF09JPS-03	Rock	14.6	>10000	475.3	1829	70.3	9.5	47.0	2384	10.87	4.1	2.6	29.9	4.3	14	32.7	<0.1	25.0	15	0.10	0.009
51421	Rock	0.4	4989	16.4	617	14.9	141.9	215.0	794	33.36	<0.5	<0.1	18534	<0.1	<1	8.0	<0.1	17.8	91	0.08	0.012
51424	Rock	16.2	144.4	35.8	88	1.1	45.1	17.7	290	9.28	60.1	0.9	2.7	0.7	6	1.0	5.2	0.4	36	0.26	0.050

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1007 Barkway Terrace
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Project: FLAN
Report Date: October 26, 2009

CERTIFICATE OF ANALYSIS VAN09003259R.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	2
MF09289-R	Rock	8	5	0.13	43	0.040	<20	0.43	0.048	0.13	<0.1	<0.01	1.5	<0.1	0.10	3	<0.5	<2
MF09JPS-03	Rock	4	1	0.32	29	0.008	<20	3.20	<0.001	0.17	<0.1	0.09	1.5	<0.1	1.10	18	9.2	34
51421	Rock	<1	26	0.81	1	0.041	<20	1.29	<0.001	<0.01	0.1	0.02	5.6	<0.1	>10	5	58.7	>10000
51424	Rock	3	15	0.66	27	0.126	<20	0.70	0.024	0.07	0.2	<0.01	4.2	<0.1	5.80	4	10.6	55

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

Project: FLAN
Report Date: October 26, 2009

QUALITY CONTROL REPORT VAN09003259R.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Reference Materials																					
STD DS7	Standard	20.2	105.2	69.4	394	0.8	55.5	9.0	622	2.38	52.8	5.0	131.9	4.6	83	6.0	4.4	4.7	84	0.99	0.074
STD OREAS45PA	Standard	1.0	628.5	19.9	128	0.3	313.8	112.8	1158	17.64	4.3	1.2	44.2	6.8	16	0.1	0.1	0.2	227	0.25	0.035
STD OXD73	Standard																				
STD OXD73	Standard																				
STD OXH55	Standard																				
STD OXH55	Standard																				
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
STD OREAS45PA Expected		0.9	600	19	119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221	0.2411	0.034
STD OXD73 Expected																					
STD OXH55 Expected																					
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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1007 Barkway Terrace
Brentwood Bay BC V8M 1A4 Canada

Project: FLAN
Report Date: October 26, 2009

QUALITY CONTROL REPORT VAN09003259R.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	3B
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	2
Reference Materials																		
STD DS7	Standard	13	201	1.03	420	0.123	32	1.06	0.102	0.43	3.3	0.20	2.5	4.2	0.19	5	3.3	
STD OREAS45PA	Standard	17	845	0.10	208	0.136	<20	3.76	0.005	0.08	<0.1	0.03	42.6	<0.1	<0.05	19	0.6	
STD OXD73	Standard																	437
STD OXD73	Standard																	450
STD OXH55	Standard																	1363
STD OXH55	Standard																	1394
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	
STD OREAS45PA Expected		16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	43	0.07	0.03	16.8	0.54	
STD OXD73 Expected																		416
STD OXH55 Expected																		1282
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	
BLK	Blank																	<2
BLK	Blank																	<2
BLK	Blank																	<2
BLK	Blank																	<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: October 02, 2009
Report Date: October 19, 2009
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN09004636.1

CLIENT JOB INFORMATION

Project: FLAN
Shipment ID:
P.O. Number
Number of Samples: 74

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	71	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	71	Dry at 60C			VAN
1DX1	71	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Project: FLAN
Report Date: October 19, 2009

CERTIFICATE OF ANALYSIS VAN09004636.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
MF09101SOIL S-1	Soil	1.2	69.9	2.9	26	<0.1	17.7	11.9	220	6.57	3.8	0.4	2.6	0.6	11	0.1	0.1	<0.1	84	0.29	0.025
MF09102SOIL	Soil	2.3	98.9	4.2	32	0.5	17.9	10.0	145	4.53	3.1	0.6	4.6	0.6	8	0.1	0.1	<0.1	68	0.24	0.029
MF09103SOIL	Soil	5.3	186.7	1.4	30	<0.1	23.1	18.4	838	3.48	9.5	0.9	3.0	0.5	29	0.2	0.3	<0.1	92	0.73	0.059
SF09102	Soil	0.3	140.8	5.0	46	0.1	66.0	21.5	400	2.60	10.6	0.1	4.2	0.1	54	0.3	0.1	<0.1	76	2.22	0.037
SF09103	Soil	0.2	301.8	5.0	54	0.1	77.2	26.4	440	3.65	6.0	0.1	6.2	0.4	40	0.2	0.1	<0.1	112	0.81	0.066
SF09104	Soil	0.5	254.2	7.3	68	0.1	67.2	33.7	679	4.14	15.9	0.2	6.9	0.3	56	0.2	0.2	<0.1	119	1.14	0.065
SF09105	Soil	0.6	164.6	4.5	40	0.1	48.5	17.2	510	5.86	10.4	0.4	51.6	0.8	28	0.1	0.1	0.2	163	0.25	0.054
SF09106	Soil	0.7	100.2	2.6	28	<0.1	21.7	9.9	225	5.94	5.5	0.3	3.8	1.2	10	<0.1	0.2	<0.1	165	0.19	0.056
SF09107	Soil	1.3	141.2	3.8	29	0.3	24.0	8.7	138	3.73	2.9	0.4	4.7	0.5	12	0.2	0.1	<0.1	100	0.27	0.040
SF09110	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SF09111	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SF09112	Soil	1.7	244.2	5.4	81	0.2	38.2	36.4	653	3.32	53.5	1.9	9.5	1.7	47	0.4	0.2	0.2	84	1.04	0.048
SF09113	Soil	2.1	196.3	11.4	77	0.1	78.8	31.5	685	4.15	16.9	1.6	3.1	0.5	43	0.4	0.2	0.2	113	1.25	0.045
SF09114	Soil	0.7	32.3	4.7	21	0.2	3.8	1.4	59	1.74	1.1	0.5	1.2	1.8	11	0.2	<0.1	0.2	38	0.08	0.020
SF09115	Soil	2.7	67.6	4.6	10	0.1	13.5	4.3	74	5.96	2.3	0.4	6.3	0.6	4	0.1	0.3	0.1	325	0.14	0.015
SF09116	Soil	2.0	113.4	3.2	18	0.3	16.8	5.2	69	3.23	4.4	0.4	10.7	0.6	9	0.2	0.1	<0.1	92	0.19	0.044
SF09117	Soil	0.3	20.8	3.0	13	0.1	7.6	3.4	69	1.73	1.7	<0.1	5.4	0.2	15	0.1	0.2	<0.1	189	0.38	0.027
SF09118	Soil	3.4	106.6	3.6	14	0.6	11.8	4.8	94	3.44	9.3	0.6	4.4	0.2	19	0.4	0.2	0.2	78	0.24	0.059
SF09119	Soil	0.9	73.6	4.5	22	0.4	250.1	27.2	285	4.41	3.2	0.2	2.5	0.2	7	<0.1	0.1	<0.1	135	0.15	0.045
SF09120	Soil	2.3	270.1	5.4	107	0.3	45.3	45.7	701	3.46	75.6	1.2	7.0	0.4	65	0.5	0.3	0.2	91	1.67	0.078
SF09121	Soil	1.7	90.7	3.1	27	0.2	12.9	13.9	734	3.85	14.8	0.4	3.6	0.6	15	0.1	0.1	0.1	95	0.30	0.069
SF09122	Soil	3.1	147.8	5.7	35	0.4	47.8	11.9	189	5.18	13.8	3.2	118.2	2.0	22	0.3	0.1	0.2	114	0.36	0.044
SF09124	Soil	0.4	27.2	1.3	14	0.2	6.4	2.2	34	0.63	5.2	<0.1	6.4	<0.1	21	0.2	<0.1	<0.1	22	0.18	0.058
SF09125	Soil	1.6	192.7	12.7	77	0.1	74.0	32.0	714	4.01	17.8	1.7	4.4	0.7	46	0.3	0.2	0.3	111	1.31	0.045
SF09129	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SF09130	Soil	0.7	153.9	4.1	55	<0.1	46.9	18.7	368	3.80	55.9	0.2	13.3	0.5	57	0.1	0.2	0.2	114	1.45	0.044
SF09131	Soil	0.7	18.0	4.5	9	<0.1	5.9	3.3	101	3.09	0.9	0.1	15.8	0.3	5	<0.1	0.3	<0.1	211	0.18	0.015
SF09132	Soil	2.5	46.2	4.1	28	<0.1	13.0	7.9	341	3.28	1.7	0.2	12.5	0.4	14	0.2	<0.1	<0.1	148	0.25	0.014
SF09133	Soil	0.7	36.1	3.7	11	<0.1	6.8	4.1	103	4.16	1.3	0.3	1.9	0.8	6	<0.1	0.1	<0.1	189	0.13	0.012
SF09134	Soil	3.3	81.3	6.0	44	0.2	11.9	8.9	264	7.08	5.1	0.4	14.1	0.8	11	0.2	0.3	0.1	211	0.15	0.044

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Project: FLAN
Report Date: October 19, 2009

CERTIFICATE OF ANALYSIS VAN09004636.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
MF09101SOIL S-1	Soil	3	33	0.36	21	0.229	<20	3.14	0.018	0.02	<0.1	0.10	3.4	<0.1	<0.05	10	1.6
MF09102SOIL	Soil	3	33	0.34	25	0.191	<20	3.94	0.020	0.02	<0.1	0.12	3.4	<0.1	<0.05	12	1.5
MF09103SOIL	Soil	4	30	0.44	49	0.159	<20	3.60	0.052	0.03	0.1	0.03	3.0	<0.1	<0.05	7	0.8
SF09102	Soil	1	120	1.18	19	0.111	<20	3.56	0.048	0.05	<0.1	0.02	3.4	<0.1	0.11	7	1.1
SF09103	Soil	3	76	1.31	43	0.274	<20	3.31	0.039	0.05	<0.1	0.02	5.2	<0.1	<0.05	8	<0.5
SF09104	Soil	3	106	1.48	28	0.262	<20	3.46	0.036	0.06	<0.1	0.06	5.5	<0.1	0.07	9	1.3
SF09105	Soil	2	122	0.84	27	0.480	<20	4.40	0.013	0.02	<0.1	0.14	6.8	<0.1	<0.05	15	1.4
SF09106	Soil	2	53	0.54	12	0.570	<20	4.81	0.014	0.02	<0.1	0.10	5.4	<0.1	<0.05	16	<0.5
SF09107	Soil	2	51	0.45	26	0.328	<20	4.55	0.021	0.02	<0.1	0.13	4.2	<0.1	<0.05	13	2.0
SF09110	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SF09111	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SF09112	Soil	5	40	0.60	53	0.153	<20	5.33	0.027	0.04	0.1	0.11	3.9	<0.1	<0.05	9	1.7
SF09113	Soil	2	108	1.51	20	0.303	<20	2.98	0.047	0.03	0.9	0.02	4.2	<0.1	<0.05	8	0.9
SF09114	Soil	2	13	0.06	47	0.008	<20	2.00	0.009	0.02	0.1	0.05	1.2	<0.1	<0.05	11	<0.5
SF09115	Soil	1	84	0.23	7	0.551	<20	2.28	0.016	0.01	<0.1	0.08	2.8	<0.1	<0.05	20	0.6
SF09116	Soil	3	51	0.23	19	0.284	<20	7.02	0.017	0.01	0.1	0.17	4.4	<0.1	<0.05	10	1.6
SF09117	Soil	1	24	0.16	12	0.292	<20	0.42	0.028	0.03	<0.1	0.07	1.0	<0.1	0.09	10	<0.5
SF09118	Soil	5	11	0.19	40	0.167	<20	3.99	0.019	0.01	0.1	0.24	2.4	<0.1	0.12	12	2.2
SF09119	Soil	1	119	2.52	14	0.328	<20	2.77	0.016	0.04	<0.1	0.21	1.9	<0.1	0.07	10	0.6
SF09120	Soil	3	31	0.65	46	0.097	<20	4.11	0.047	0.04	<0.1	0.07	3.6	<0.1	0.07	9	3.0
SF09121	Soil	3	48	0.23	33	0.202	<20	7.72	0.012	0.02	<0.1	0.32	5.4	<0.1	0.07	14	1.8
SF09122	Soil	8	61	0.58	38	0.245	<20	4.95	0.016	0.02	0.2	0.13	3.9	<0.1	0.06	14	1.9
SF09124	Soil	<1	11	0.11	11	0.061	<20	0.59	0.017	0.03	0.1	0.12	0.9	<0.1	0.13	2	0.5
SF09125	Soil	3	98	1.41	23	0.282	<20	3.19	0.046	0.04	1.1	0.04	4.0	<0.1	<0.05	9	0.6
SF09129	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
SF09130	Soil	3	60	1.12	36	0.221	<20	3.04	0.049	0.05	<0.1	0.02	4.1	<0.1	<0.05	9	0.8
SF09131	Soil	1	24	0.15	9	0.313	<20	0.70	0.015	0.02	<0.1	0.04	1.0	<0.1	<0.05	13	<0.5
SF09132	Soil	2	26	0.41	30	0.339	<20	1.68	0.023	0.03	<0.1	0.04	1.5	<0.1	<0.05	13	0.5
SF09133	Soil	2	27	0.17	12	0.317	<20	1.95	0.014	0.02	<0.1	0.06	2.0	<0.1	<0.05	15	<0.5
SF09134	Soil	2	32	0.30	31	0.384	<20	2.42	0.010	0.03	0.1	0.13	2.4	<0.1	<0.05	18	1.0

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CERTIFICATE OF ANALYSIS VAN09004636.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
SF09135SOIL	Soil	1.6	51.9	5.1	16	0.3	8.2	4.0	73	6.70	1.6	0.3	264.7	0.8	4	0.2	0.3	0.1	304	0.12	0.018
SF09137	Soil	0.5	35.0	4.0	11	<0.1	7.3	3.7	72	4.46	1.6	0.2	3.6	0.7	9	<0.1	0.2	<0.1	258	0.19	0.014
SF09138 JL1+30	Soil	0.9	37.0	4.2	13	0.2	6.2	3.4	64	5.00	1.0	0.2	3.1	0.4	6	0.2	0.2	0.1	240	0.14	0.019
SF09139 JL1+60	Soil	3.1	75.3	7.6	39	0.2	7.7	28.4	421	10.55	2.3	0.9	3.5	1.2	10	0.3	0.2	0.2	164	0.13	0.051
SF09140	Soil	1.2	74.8	2.4	14	0.3	9.4	4.1	83	3.97	3.1	0.6	4.9	1.9	5	0.2	0.1	<0.1	98	0.12	0.036
SF09141	Soil	2.6	58.9	4.0	17	0.1	8.7	4.6	88	6.69	2.8	0.4	2.4	1.2	9	0.2	0.2	0.1	240	0.12	0.026
SF09142	Soil	1.6	29.7	4.6	15	<0.1	4.6	2.6	50	7.82	1.5	0.1	4.7	0.4	8	0.2	0.4	0.2	433	0.11	0.026
SF09143	Soil	2.7	39.7	7.8	27	0.2	7.3	17.1	990	3.32	0.9	0.2	14.7	0.5	18	0.2	0.3	0.2	209	0.29	0.030
SF09144	Soil	0.3	27.7	3.6	16	0.2	9.0	4.6	125	2.01	1.3	0.2	3.2	0.3	12	0.1	0.1	<0.1	85	0.30	0.045
SF09145	Soil	0.6	96.7	3.6	22	0.2	16.2	5.6	104	4.76	3.1	0.4	5.0	1.6	5	0.2	<0.1	<0.1	105	0.14	0.038
SF09146	Soil	1.7	126.9	8.2	65	0.1	45.2	21.0	635	3.12	32.5	4.3	9.3	1.6	38	0.5	0.2	0.2	88	1.04	0.038
SF09147	Soil	1.7	89.7	3.2	21	0.3	14.8	6.8	120	3.61	3.8	0.7	3.7	0.9	10	0.4	0.1	<0.1	129	0.23	0.045
SF09148A	Soil	1.6	171.5	34.2	75	0.6	6.2	4.9	113	2.52	15.1	2.3	10.8	2.1	41	0.2	0.2	0.5	35	0.53	0.045
SF09148B	Soil	1.3	95.6	3.9	33	0.3	22.7	16.1	300	3.52	2.7	0.6	4.0	0.5	15	0.4	0.1	<0.1	86	0.33	0.062
SF09143A	Soil	7.5	117.9	4.6	79	0.3	18.7	34.3	570	11.53	5.4	0.9	5.3	1.2	10	0.6	0.3	0.1	272	0.15	0.048
SP4A	Soil	0.5	59.9	1.4	9	<0.1	7.7	2.9	59	3.39	5.0	0.4	3.9	1.8	6	<0.1	<0.1	<0.1	68	0.12	0.033
SP4B	Soil	0.6	74.0	1.4	9	0.1	9.6	3.7	67	2.84	5.6	0.6	4.1	1.8	6	<0.1	<0.1	<0.1	68	0.13	0.045
SP4C	Soil	0.6	88.0	1.5	12	<0.1	11.3	5.1	100	2.29	6.0	0.6	18.4	1.5	7	<0.1	<0.1	<0.1	65	0.17	0.063
SP4D	Soil	0.8	175.0	1.9	14	1.1	13.7	6.2	100	1.70	5.3	1.1	12.3	1.3	9	0.1	<0.1	<0.1	55	0.18	0.085
SP4E	Soil	0.4	178.2	1.8	15	<0.1	14.5	15.7	290	1.59	6.3	1.0	10.8	1.8	10	<0.1	<0.1	<0.1	56	0.28	0.134
SP3A	Soil	5.0	110.5	3.3	35	0.4	14.5	10.7	150	4.02	9.0	0.8	3.1	0.8	14	0.5	0.1	<0.1	151	0.20	0.045
SP3B	Soil	4.3	111.0	3.6	33	0.4	12.8	7.6	146	4.16	10.6	0.8	3.7	1.0	12	0.3	0.1	<0.1	152	0.17	0.050
SP3C	Soil	5.4	139.6	3.3	41	0.6	13.1	9.5	133	3.90	10.2	1.4	5.3	0.7	13	0.4	0.1	<0.1	133	0.21	0.048
SP3D	Soil	3.3	181.6	2.5	68	0.4	20.0	79.5	763	2.94	21.9	2.1	15.8	0.7	15	0.7	0.1	<0.1	81	0.30	0.060
SP3E	Soil	1.0	166.2	1.8	66	<0.1	31.1	34.1	428	2.76	55.1	1.8	3.5	1.0	28	0.4	0.1	<0.1	99	0.53	0.059
R0+105NSP2A	Soil	4.9	99.6	7.1	20	0.2	8.3	5.6	109	7.60	3.1	0.4	4.4	0.9	12	0.1	0.2	0.3	250	0.16	0.052
R0+105NSP2B	Soil	3.5	91.3	9.2	26	0.2	12.1	6.0	112	7.24	3.0	0.4	5.8	0.9	8	0.3	0.2	0.4	259	0.11	0.049
R0+105NSP2C	Soil	2.2	97.9	5.8	27	0.3	10.7	4.7	106	4.03	2.7	0.5	3.7	1.0	8	0.3	0.1	0.2	114	0.12	0.054
R0+105NSP2D	Soil	2.6	127.8	4.3	16	0.3	10.4	4.9	102	4.58	5.7	0.6	9.4	1.3	8	0.1	<0.1	0.1	120	0.16	0.072
R0+105NSP2E	Soil	2.3	395.0	4.4	50	0.1	23.4	19.7	299	3.41	9.5	0.4	11.0	1.3	34	0.4	0.2	0.2	108	0.78	0.067

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
SF09135SOIL	Soil	2	62	0.16	9	0.440	<20	2.36	0.013	0.02	<0.1	0.09	2.5	<0.1	<0.05	25	<0.5
SF09137	Soil	1	35	0.18	11	0.506	<20	2.33	0.020	0.01	<0.1	0.06	1.9	<0.1	<0.05	19	0.6
SF09138 JL1+30	Soil	2	26	0.13	11	0.346	<20	1.71	0.014	0.01	<0.1	0.08	1.4	<0.1	<0.05	19	0.6
SF09139 JL1+60	Soil	2	39	0.09	24	0.241	<20	5.18	0.011	0.02	0.1	0.18	3.0	<0.1	0.05	23	1.9
SF09140	Soil	2	46	0.20	13	0.261	<20	8.18	0.019	0.02	<0.1	0.17	6.6	<0.1	0.10	11	1.7
SF09141	Soil	2	36	0.20	16	0.454	<20	3.80	0.015	0.02	<0.1	0.10	3.3	<0.1	<0.05	21	0.9
SF09142	Soil	2	38	0.08	9	0.402	<20	1.16	0.007	0.02	<0.1	0.04	0.7	<0.1	<0.05	32	<0.5
SF09143	Soil	4	14	0.11	47	0.182	<20	1.36	0.014	0.04	<0.1	0.12	1.1	<0.1	<0.05	14	<0.5
SF09144	Soil	2	22	0.22	25	0.190	<20	0.73	0.021	0.04	<0.1	0.12	1.9	<0.1	0.09	6	0.7
SF09145	Soil	2	63	0.27	17	0.264	<20	7.59	0.017	0.02	<0.1	0.13	6.7	<0.1	0.06	10	1.2
SF09146	Soil	5	64	0.84	42	0.225	<20	3.30	0.034	0.03	0.4	0.05	3.9	<0.1	<0.05	8	1.2
SF09147	Soil	3	40	0.24	33	0.288	<20	5.22	0.022	0.02	<0.1	0.16	3.9	<0.1	<0.05	14	1.1
SF09148A	Soil	4	12	0.15	81	0.013	<20	1.72	0.010	0.06	0.1	0.11	0.9	<0.1	<0.05	7	1.4
SF09148B	Soil	3	34	0.38	39	0.201	<20	3.33	0.021	0.03	<0.1	0.15	3.2	<0.1	0.06	11	1.2
SF09143A	Soil	3	52	0.17	34	0.249	<20	6.00	0.007	0.02	<0.1	0.12	3.0	<0.1	<0.05	16	2.0
SP4A	Soil	3	62	0.15	9	0.166	<20	8.58	0.014	<0.01	<0.1	0.07	8.5	<0.1	<0.05	8	1.6
SP4B	Soil	3	58	0.17	9	0.187	<20	9.23	0.017	<0.01	<0.1	0.08	9.3	<0.1	<0.05	9	1.1
SP4C	Soil	3	45	0.20	13	0.200	<20	9.73	0.019	<0.01	<0.1	0.07	7.7	<0.1	<0.05	9	1.4
SP4D	Soil	11	33	0.23	18	0.190	<20	8.36	0.022	0.01	0.1	0.14	7.1	<0.1	<0.05	9	2.3
SP4E	Soil	7	26	0.26	23	0.139	<20	9.27	0.021	0.02	0.1	0.08	4.0	<0.1	<0.05	10	0.8
SP3A	Soil	4	34	0.22	43	0.292	<20	4.19	0.013	0.01	0.1	0.16	3.1	<0.1	<0.05	11	1.3
SP3B	Soil	3	36	0.23	33	0.304	<20	4.88	0.014	0.01	0.2	0.17	3.9	<0.1	<0.05	12	1.8
SP3C	Soil	5	32	0.23	37	0.237	<20	4.44	0.015	0.01	0.2	0.17	4.0	<0.1	<0.05	11	2.5
SP3D	Soil	6	34	0.31	38	0.144	<20	6.04	0.019	0.02	0.3	0.13	5.0	<0.1	<0.05	9	2.3
SP3E	Soil	5	32	0.56	42	0.144	<20	3.66	0.035	0.03	0.3	0.05	4.1	<0.1	<0.05	6	0.8
R0+105NSP2A	Soil	3	39	0.17	25	0.316	<20	3.84	0.008	0.02	0.1	0.10	4.0	<0.1	<0.05	19	0.9
R0+105NSP2B	Soil	3	44	0.22	27	0.285	<20	3.86	0.008	0.01	<0.1	0.13	4.5	<0.1	<0.05	19	0.7
R0+105NSP2C	Soil	4	19	0.20	27	0.178	<20	4.77	0.015	0.01	0.2	0.18	5.0	<0.1	<0.05	10	1.8
R0+105NSP2D	Soil	6	41	0.24	19	0.186	<20	6.03	0.015	0.01	0.1	0.17	6.3	<0.1	<0.05	12	2.0
R0+105NSP2E	Soil	6	22	0.46	47	0.145	<20	2.21	0.060	0.03	<0.1	0.01	3.2	<0.1	<0.05	6	0.8

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Project: FLAN
Report Date: October 19, 2009

CERTIFICATE OF ANALYSIS VAN09004636.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
R0+105NSP1A	Soil	4.0	130.5	12.6	67	0.3	14.9	9.8	295	9.58	3.9	0.4	3.6	0.7	12	0.3	0.3	0.6	296	0.21	0.055
R0+105NSP1B	Soil	2.5	129.4	6.6	32	0.4	8.7	5.1	188	7.26	2.8	0.5	6.7	0.9	7	0.2	0.2	0.3	225	0.12	0.054
R0+105NSP1C	Soil	2.6	104.8	11.0	62	0.3	16.6	10.6	271	8.77	3.0	0.3	6.2	0.7	10	0.2	0.3	0.5	313	0.11	0.041
R0+105NSP1D	Soil	1.6	117.5	3.9	32	0.3	11.6	4.5	84	3.07	3.1	0.5	4.2	1.0	7	0.2	<0.1	<0.1	80	0.14	0.068
R0+105NSP1E	Soil	0.7	183.6	2.0	40	<0.1	29.1	12.3	270	2.26	3.1	0.3	1.7	0.8	30	0.2	0.1	<0.1	84	0.77	0.044
R0+240N SOIL AT	Soil	1.7	306.9	3.1	49	0.5	15.8	28.2	559	5.93	3.3	0.7	21.1	0.5	20	0.4	0.1	<0.1	117	0.33	0.104
R0+210N	Soil	3.8	177.2	4.1	68	1.0	18.8	11.1	162	7.03	10.8	0.6	5.0	0.7	17	0.4	0.3	0.1	168	0.19	0.068
R0+180N	Soil	1.8	126.2	5.6	37	0.7	13.4	26.1	347	3.20	13.1	0.9	24.3	0.3	25	0.6	0.2	<0.1	103	0.36	0.052
R0+150N	Soil	1.8	69.2	4.5	20	0.3	7.0	3.7	77	4.17	3.9	0.5	0.9	1.2	8	0.1	0.1	0.1	126	0.09	0.034
R0+120N	Soil	2.2	82.5	5.4	22	0.3	9.2	4.8	100	3.46	2.5	0.5	1.5	0.8	7	0.1	0.1	<0.1	129	0.13	0.048
R0+090N	Soil	5.5	194.8	9.3	47	0.4	19.7	10.9	225	6.65	5.2	0.8	11.1	1.1	10	0.4	0.1	0.6	184	0.11	0.059
R0+060N	Soil	2.0	70.6	4.8	14	0.3	8.0	3.9	60	4.76	2.1	0.5	2.3	1.0	6	0.2	0.2	<0.1	147	0.14	0.032
R0+030N	Soil	14.6	86.9	4.2	37	0.3	11.3	43.8	689	2.02	78.5	1.8	1.7	0.8	7	0.3	0.2	<0.1	107	0.15	0.052
R0+0	Soil	1.8	44.6	4.9	23	<0.1	13.1	4.9	93	4.06	1.6	0.2	1.2	0.5	5	0.2	0.2	<0.1	165	0.19	0.013

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Project: FLAN
Report Date: October 19, 2009

CERTIFICATE OF ANALYSIS VAN09004636.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
R0+105NSP1A	Soil	3	50	0.40	70	0.352	<20	4.28	0.006	0.02	<0.1	0.20	4.9	<0.1	<0.05	21	0.9
R0+105NSP1B	Soil	5	52	0.17	27	0.383	<20	6.28	0.012	0.01	<0.1	0.19	8.8	<0.1	0.10	17	2.1
R0+105NSP1C	Soil	3	52	0.40	67	0.377	<20	4.52	0.011	0.01	<0.1	0.09	7.3	<0.1	<0.05	20	1.0
R0+105NSP1D	Soil	4	42	0.20	31	0.156	<20	7.28	0.016	0.01	<0.1	0.20	7.0	<0.1	0.05	8	2.9
R0+105NSP1E	Soil	4	30	0.59	77	0.207	<20	2.76	0.070	0.03	<0.1	<0.01	3.5	<0.1	<0.05	6	<0.5
R0+240N SOIL AT	Soil	6	22	0.29	58	0.144	<20	4.65	0.018	0.03	0.1	0.15	4.8	<0.1	0.06	16	2.3
R0+210N	Soil	4	40	0.31	67	0.194	<20	6.13	0.012	0.02	0.2	0.22	5.4	<0.1	<0.05	15	3.1
R0+180N	Soil	4	20	0.17	73	0.177	<20	3.69	0.012	0.01	0.1	0.16	2.6	<0.1	0.07	11	1.6
R0+150N	Soil	5	35	0.16	29	0.256	<20	4.62	0.011	<0.01	0.1	0.17	4.0	<0.1	0.06	10	1.7
R0+120N	Soil	3	29	0.17	22	0.234	<20	4.72	0.012	0.01	<0.1	0.14	4.3	<0.1	<0.05	11	1.6
R0+090N	Soil	4	55	0.34	38	0.232	<20	5.93	0.009	0.01	0.2	0.19	5.7	<0.1	<0.05	12	1.3
R0+060N	Soil	3	42	0.16	15	0.340	<20	4.45	0.014	<0.01	<0.1	0.19	4.1	<0.1	<0.05	15	1.4
R0+030N	Soil	4	31	0.17	27	0.143	<20	7.14	0.013	0.01	1.2	0.25	3.4	<0.1	<0.05	9	3.3
R0+0	Soil	2	22	0.28	12	0.462	<20	1.89	0.019	0.01	<0.1	0.08	2.0	<0.1	<0.05	16	<0.5

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Project: FLAN
Report Date: October 19, 2009

QUALITY CONTROL REPORT VAN09004636.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
SP4A	Soil	0.5	59.9	1.4	9	<0.1	7.7	2.9	59	3.39	5.0	0.4	3.9	1.8	6	<0.1	<0.1	<0.1	68	0.12	0.033
REP SP4A	QC	0.5	57.8	1.4	9	<0.1	7.3	2.9	57	3.31	5.0	0.4	3.9	1.8	6	0.1	<0.1	<0.1	66	0.11	0.034
R0+150N	Soil	1.8	69.2	4.5	20	0.3	7.0	3.7	77	4.17	3.9	0.5	0.9	1.2	8	0.1	0.1	0.1	126	0.09	0.034
REP R0+150N	QC	1.7	68.5	4.7	20	0.3	7.4	3.8	77	4.38	4.0	0.5	2.3	1.3	8	0.2	0.1	0.1	129	0.09	0.034
Reference Materials																					
STD DS7	Standard	20.7	105.1	63.8	394	0.8	54.6	9.4	616	2.46	53.1	4.4	55.6	3.9	68	6.2	5.5	4.1	83	0.92	0.079
STD DS7	Standard	18.8	105.9	65.0	364	0.7	51.2	8.9	580	2.30	48.2	4.6	57.6	3.9	63	5.9	5.5	4.2	79	0.87	0.074
STD DS7	Standard	19.7	109.1	64.1	395	0.7	57.8	9.3	623	2.48	54.0	4.4	58.1	4.1	74	6.2	5.7	4.3	86	0.98	0.077
STD DS7	Standard	18.5	110.9	69.4	379	0.8	56.0	9.2	582	2.30	48.6	4.7	67.9	4.2	74	6.6	5.5	4.4	75	0.88	0.069
STD OREAS45PA	Standard	1.3	605.5	16.1	106	0.2	270.5	107.3	1046	16.74	4.2	1.0	37.8	5.2	12	0.1	0.4	0.1	201	0.22	0.029
STD OREAS45PA	Standard	1.3	588.1	16.2	103	0.2	264.6	102.8	1004	16.15	4.5	1.0	35.5	5.4	12	0.1	0.5	0.2	198	0.21	0.029
STD OREAS45PA	Standard	1.3	584.1	15.6	106	0.3	281.6	102.0	1031	16.50	4.0	0.9	37.8	5.4	13	<0.1	0.4	0.1	197	0.21	0.029
STD OREAS45PA	Standard	0.9	583.6	17.1	110	0.2	275.3	97.9	973	14.91	4.6	1.0	49.1	5.7	14	0.1	0.2	0.2	185	0.21	0.030
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
STD OREAS45PA Expected		0.9	600	19	119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221	0.2411	0.034
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: FLAN
Report Date: October 19, 2009

QUALITY CONTROL REPORT VAN09004636.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
SP4A	Soil	3	62	0.15	9	0.166	<20	8.58	0.014	<0.01	<0.1	0.07	8.5	<0.1	<0.05	8	1.6
REP SP4A	QC	3	61	0.14	9	0.165	<20	8.44	0.014	<0.01	<0.1	0.08	8.3	<0.1	<0.05	8	1.5
R0+150N	Soil	5	35	0.16	29	0.256	<20	4.62	0.011	<0.01	0.1	0.17	4.0	<0.1	0.06	10	1.7
REP R0+150N	QC	5	34	0.16	30	0.253	<20	4.57	0.011	<0.01	0.1	0.16	3.9	<0.1	0.05	10	1.6
Reference Materials																	
STD DS7	Standard	12	202	1.03	415	0.120	32	0.99	0.098	0.48	3.5	0.19	2.2	4.0	0.22	5	3.5
STD DS7	Standard	12	202	0.97	382	0.113	34	0.98	0.098	0.43	3.5	0.16	2.1	3.9	0.19	5	2.7
STD DS7	Standard	13	216	1.03	406	0.121	28	1.03	0.101	0.46	3.4	0.20	2.5	4.3	0.20	5	3.7
STD DS7	Standard	12	189	0.96	386	0.117	21	0.96	0.094	0.41	3.5	0.16	2.5	4.1	0.06	4	4.4
STD OREAS45PA	Standard	14	796	0.10	169	0.122	<20	2.87	0.010	0.07	<0.1	0.02	39.2	<0.1	<0.05	15	0.7
STD OREAS45PA	Standard	14	773	0.09	167	0.112	<20	2.78	0.010	0.06	<0.1	0.02	36.7	<0.1	<0.05	15	<0.5
STD OREAS45PA	Standard	14	765	0.10	169	0.113	<20	2.89	0.011	0.07	<0.1	0.02	39.1	<0.1	<0.05	15	0.6
STD OREAS45PA	Standard	14	671	0.09	175	0.125	<20	2.86	0.009	0.06	<0.1	0.02	38.9	<0.1	<0.05	15	0.5
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
STD OREAS45PA Expected		16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	43	0.07	0.03	16.8	0.54
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5

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Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: October 02, 2009
Report Date: October 21, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09004648.1

CLIENT JOB INFORMATION

Project: FLAN
Shipment ID:
P.O. Number
Number of Samples: 12

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	12	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	12	Dry at 60C			VAN
1DX1	12	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: FLAN
Report Date: October 21, 2009

CERTIFICATE OF ANALYSIS VAN09004648.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
AF09102S	Silt	0.3	162.6	2.9	58	0.1	38.4	24.7	692	3.45	57.8	0.3	6.2	0.6	81	0.3	0.1	0.1	110	1.99	0.045
AF09103S	Silt	0.3	160.5	3.3	67	0.1	42.8	24.2	750	4.12	45.6	0.2	11.8	0.8	95	0.2	0.1	0.1	130	2.38	0.044
AF09101S	Silt	1.3	153.9	2.9	52	0.1	37.4	35.8	1258	3.07	11.5	0.6	4.1	0.3	39	0.4	0.1	<0.1	85	0.76	0.053
AF09104S	Silt	0.3	192.2	3.5	75	0.2	43.0	27.2	835	3.84	120.0	0.3	13.7	0.5	109	0.4	0.2	0.1	115	2.70	0.051
AF09106S	Silt	0.3	228.2	5.0	78	0.3	44.5	35.8	974	3.77	97.6	0.5	93.1	0.5	111	0.6	0.2	0.2	112	2.82	0.061
AF09108S	Silt	1.4	139.9	4.0	44	0.2	40.6	65.3	1668	3.11	13.7	0.5	0.8	0.2	50	0.4	0.2	<0.1	92	0.95	0.058
MF09104SILT	Silt	1.5	113.6	5.0	48	0.1	21.4	22.1	619	4.01	5.0	0.6	2.8	0.5	25	0.2	0.1	0.1	111	0.40	0.056
MF09105SILT	Silt	1.7	171.7	2.5	69	0.2	30.9	24.8	423	2.76	195.0	1.6	11.1	0.8	29	0.3	0.1	<0.1	98	0.59	0.077
MF09106SILT	Silt	3.9	160.5	6.1	106	0.1	36.4	19.5	391	3.31	98.6	1.2	3.6	1.0	35	0.6	0.1	0.1	126	0.74	0.060
MF09107SILT	Silt	0.4	156.6	4.1	92	0.2	43.4	22.2	661	3.54	55.5	0.9	11.0	1.4	84	0.7	0.1	0.1	98	2.11	0.051
MF09108SILT	Silt	3.3	82.0	4.0	42	0.2	18.1	374.2	>10000	11.61	3.7	0.4	2.9	0.4	21	0.4	0.1	<0.1	106	0.33	0.025
SF09136SILT	Silt	4.5	202.0	3.6	73	0.1	54.7	22.7	459	3.77	46.4	0.5	5.3	0.7	73	0.3	0.1	0.1	119	1.95	0.056

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Project: FLAN
Report Date: October 21, 2009

CERTIFICATE OF ANALYSIS VAN09004648.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
AF09102S	Silt	4	54	1.01	35	0.209	<20	3.83	0.030	0.06	<0.1	0.03	6.1	<0.1	<0.05	11	0.8
AF09103S	Silt	3	69	1.24	27	0.236	<20	4.33	0.030	0.06	<0.1	0.02	7.9	<0.1	<0.05	13	0.5
AF09101S	Silt	3	38	0.43	56	0.182	<20	3.82	0.021	0.02	<0.1	0.09	3.8	<0.1	<0.05	9	1.8
AF09104S	Silt	3	63	1.23	31	0.194	<20	4.32	0.031	0.07	<0.1	0.02	7.5	<0.1	<0.05	13	0.7
AF09106S	Silt	4	53	1.14	32	0.148	<20	4.60	0.022	0.09	<0.1	0.05	7.6	<0.1	<0.05	13	0.7
AF09108S	Silt	3	45	0.58	48	0.207	<20	3.99	0.019	0.04	<0.1	0.13	4.0	<0.1	<0.05	8	1.9
MF09104SILT	Silt	4	28	0.33	61	0.187	<20	3.26	0.022	0.02	<0.1	0.10	3.1	<0.1	<0.05	10	1.3
MF09105SILT	Silt	6	23	0.53	48	0.137	<20	3.59	0.026	0.03	2.2	0.06	3.3	<0.1	<0.05	7	1.3
MF09106SILT	Silt	6	33	0.60	77	0.153	<20	2.77	0.033	0.03	1.4	0.03	3.7	<0.1	<0.05	7	1.2
MF09107SILT	Silt	6	58	0.98	47	0.207	<20	3.63	0.025	0.07	<0.1	0.03	5.6	<0.1	<0.05	10	1.1
MF09108SILT	Silt	3	22	0.25	113	0.209	<20	1.85	0.016	0.02	<0.1	0.07	2.4	<0.1	<0.05	11	1.7
SF09136SILT	Silt	3	68	1.07	63	0.233	<20	3.48	0.053	0.06	0.1	<0.01	4.8	<0.1	<0.05	9	1.8

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Project: FLAN
Report Date: October 21, 2009

QUALITY CONTROL REPORT VAN09004648.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Reference Materials																					
STD DS7	Standard	18.5	110.9	69.4	379	0.8	56.0	9.2	582	2.30	48.6	4.7	67.9	4.2	74	6.6	5.5	4.4	75	0.88	0.069
STD OREAS45PA	Standard	0.9	583.6	17.1	110	0.2	275.3	97.9	973	14.91	4.6	1.0	49.1	5.7	14	0.1	0.2	0.2	185	0.21	0.030
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
STD OREAS45PA Expected		0.9	600	19	119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221	0.2411	0.034
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: FLAN
Report Date: October 21, 2009

QUALITY CONTROL REPORT VAN09004648.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Reference Materials																	
STD DS7	Standard	12	189	0.96	386	0.117	21	0.96	0.094	0.41	3.5	0.16	2.5	4.1	0.06	4	4.4
STD OREAS45PA	Standard	14	671	0.09	175	0.125	<20	2.86	0.009	0.06	<0.1	0.02	38.9	<0.1	<0.05	15	0.5
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
STD OREAS45PA Expected		16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	43	0.07	0.03	16.8	0.54
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5

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Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: October 02, 2009
Report Date: October 26, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09004878.1

CLIENT JOB INFORMATION

Project: FLAN
Shipment ID:
P.O. Number
Number of Samples: 3

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	3	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B	3	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	3	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

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

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Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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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Project: FLAN
Report Date: October 26, 2009

CERTIFICATE OF ANALYSIS VAN09004878.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
SF09110	Rock	0.07	<2	0.1	87.9	2.6	51	<0.1	36.3	17.8	456	3.90	3.1	<0.1	<0.5	0.3	6	<0.1	<0.1	<0.1	110
SF09111	Rock	0.18	<2	0.7	120.5	2.3	28	<0.1	21.7	12.2	198	1.79	7.5	0.4	1.5	0.8	53	0.1	0.1	<0.1	54
SF09129	Rock	0.27	5	0.2	161.6	1.8	53	0.1	37.4	19.9	519	3.49	31.8	0.1	2.2	0.5	116	0.2	<0.1	<0.1	115

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Project: FLAN
Report Date: October 26, 2009

CERTIFICATE OF ANALYSIS VAN09004878.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1
SF09110	Rock	0.98	0.052	2	49	1.20	10	0.235	<20	1.99	0.053	0.02	<0.1	<0.01	<0.1	<0.05	4.1	<0.5	10
SF09111	Rock	1.54	0.052	3	18	0.44	30	0.188	<20	2.00	0.211	0.05	<0.1	<0.01	<0.1	0.11	2.5	<0.5	6
SF09129	Rock	1.89	0.058	3	65	1.26	34	0.253	<20	3.15	0.112	0.04	<0.1	<0.01	<0.1	<0.05	7.9	<0.5	10

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Project: FLAN
Report Date: October 26, 2009

QUALITY CONTROL REPORT VAN09004878.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
SF09111	Rock	0.18	<2	0.7	120.5	2.3	28	<0.1	21.7	12.2	198	1.79	7.5	0.4	1.5	0.8	53	0.1	0.1	<0.1	54
REP SF09111	QC			0.7	120.0	2.3	26	<0.1	22.5	12.3	217	1.79	6.2	0.3	<0.5	0.8	55	<0.1	0.1	<0.1	56
Reference Materials																					
STD DS7	Standard			23.0	116.9	61.8	399	0.7	52.7	9.3	596	2.40	55.7	3.9	59.6	3.5	63	6.1	3.8	3.9	77
STD OREAS45PA	Standard			0.9	611.1	16.8	118	0.3	295.2	116.0	1105	16.16	4.2	1.0	41.7	5.3	13	<0.1	0.1	0.2	224
STD OXD73	Standard		439																		
STD OXH55	Standard		1390																		
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD OREAS45PA Expected				0.9	600	19	119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221
STD OXD73 Expected			416																		
STD OXH55 Expected			1282																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank	<0.01	<2	0.1	2.7	2.9	44	<0.1	2.5	3.9	527	1.82	<0.5	1.3	<0.5	4.5	42	<0.1	<0.1	<0.1	34

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Project: FLAN
Report Date: October 26, 2009

QUALITY CONTROL REPORT VAN09004878.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1
Pulp Duplicates																			
SF09111	Rock	1.54	0.052	3	18	0.44	30	0.188	<20	2.00	0.211	0.05	<0.1	<0.01	<0.1	0.11	2.5	<0.5	6
REP SF09111	QC	1.55	0.048	3	19	0.45	29	0.201	<20	2.01	0.211	0.05	<0.1	<0.01	<0.1	0.11	2.8	<0.5	5
Reference Materials																			
STD DS7	Standard	0.91	0.071	10	202	0.99	399	0.105	34	0.98	0.089	0.44	3.0	0.17	3.9	0.19	2.2	3.3	5
STD OREAS45PA	Standard	0.23	0.030	15	874	0.09	195	0.120	<20	3.45	0.005	0.07	<0.1	0.02	<0.1	<0.05	42.7	0.9	18
STD OXD73	Standard																		
STD OXH55	Standard																		
STD DS7 Expected		0.93	0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	4.2	0.19	2.5	3.5	5
STD OREAS45PA Expected		0.2411	0.034	16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	0.07	0.03	43	0.54	16.8
STD OXD73 Expected																			
STD OXH55 Expected																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
G1	Prep Blank	0.43	0.078	9	5	0.48	149	0.111	<20	0.79	0.067	0.45	<0.1	<0.01	0.3	<0.05	1.7	<0.5	4

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Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: October 06, 2009
Report Date: October 27, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09004765.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 21

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	19	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B	21	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	21	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
4A&4B	4	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

ADDITIONAL COMMENTS

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1007 Barkway Terrace
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CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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
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Project: None Given
Report Date: October 27, 2009

CERTIFICATE OF ANALYSIS VAN09004765.1

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
STANDARD5	Rock Pulp	0.23	3	1.0	105.6	1.4	35	<0.1	12.3	11.0	297	2.47	<0.5	<0.1	1.1	0.6	72	<0.1	<0.1	<0.1	98
STANDARD6	Rock Pulp	0.21	7532	1.9	1708	9.3	233	3.8	23.5	49.9	3093	15.54	4.6	0.1	15297	0.7	2	0.9	<0.1	4.1	427
BF09042	Rock	0.33	<2	0.4	2760	76.7	195	10.5	2.2	6.2	354	1.25	<0.5	3.7	6.1	5.9	40	1.5	<0.1	1.5	3
MF09109RL	Rock	0.59	5473	1.7	932.6	2.2	219	1.7	34.5	62.0	2342	15.27	10.9	0.1	3023	0.8	3	1.0	<0.1	2.8	482
MF09109R2A	Rock	0.51	144	3.5	3459	40.8	304	8.1	32.0	122.2	2618	21.55	97.3	0.1	130.7	0.5	1	1.7	0.4	3.3	413
MF09243	Rock	0.64	3	<0.1	5.5	5.1	9	<0.1	0.6	0.5	207	0.42	<0.5	1.6	2.6	4.4	71	<0.1	<0.1	<0.1	<2
RF09290R2	Rock	0.27	17	712.9	19.1	50.0	8	0.4	2.9	2.4	79	0.66	20.7	8.0	19.9	3.6	2	<0.1	0.2	6.8	<2
RF09074	Rock	0.62	17	3.4	2305	36.8	287	2.7	260.7	93.7	2555	26.10	22.8	0.4	13.4	0.3	6	0.5	<0.1	5.6	233
RF09077A	Rock	0.64	56	9.8	>10000	300.2	538	97.0	1.4	118.0	487	18.46	22.9	1.8	42.3	2.4	2	14.3	<0.1	4.8	6
RF09077B	Rock	0.17	223	3.0	>10000	964.7	1427	>100	1.1	318.1	339	31.47	64.9	0.5	127.3	0.5	2	46.3	0.3	34.2	6
RF09106A	Rock	0.44	4	0.3	242.0	8.8	21	0.8	2.1	1.7	202	0.73	0.8	1.4	<0.5	5.8	3	0.2	<0.1	0.1	3
RF09111	Rock	0.41	762	1.1	3570	14.3	347	12.1	70.2	39.4	1836	19.57	187.2	0.3	791.9	0.2	1	2.3	0.4	1.3	318
RF09114	Rock	0.23	<2	0.2	696.6	20.9	110	0.6	2.3	4.1	142	0.70	1.7	2.1	0.6	5.9	62	0.9	<0.1	0.3	2
RF09116A	Rock	0.91	6	2.0	1384	41.2	276	2.4	159.9	155.3	2210	21.39	17.8	0.3	12.1	0.3	12	0.6	<0.1	4.7	216
RF09116B	Rock	0.72	2	0.9	587.6	17.9	340	1.4	106.5	66.2	4360	19.52	7.7	0.2	3.2	0.4	15	0.5	<0.1	0.7	317
RF09116C	Rock	1.07	8	1.0	355.6	43.1	119	1.6	79.7	25.7	918	9.02	6.1	0.8	5.9	1.6	11	0.4	<0.1	2.7	53
RF09117	Rock	1.06	<2	2.7	348.4	1.9	56	0.2	75.7	67.0	610	6.49	5.9	0.2	1.5	0.5	26	<0.1	<0.1	0.5	119
RF09127	Rock	0.90	54	0.7	765.0	9.3	54	2.2	1.1	44.1	323	8.13	27.2	2.1	36.2	3.9	17	0.3	<0.1	1.1	4
RF09122	Rock	1.01	5	1.1	717.7	2.6	28	0.3	72.1	75.7	222	6.48	3.1	0.3	6.7	0.3	82	<0.1	<0.1	0.6	53
RF09128	Rock	0.63	135	0.7	392.6	10.2	39	1.8	0.4	69.4	261	7.88	58.2	2.5	124.4	4.2	9	0.3	<0.1	1.3	3
RF09120	Rock	1.46	2	2.0	310.9	5.2	83	0.4	83.2	42.2	338	6.90	6.1	0.5	6.3	0.6	4	0.2	0.2	<0.1	138

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Project: None Given
Report Date: October 27, 2009

CERTIFICATE OF ANALYSIS VAN09004765.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	4A-4B	4A-4B
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	SiO2	Al2O3
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.01	0.01
STANDARD5	Rock Pulp	1.33	0.089	5	6	0.66	97	0.161	<20	1.57	0.160	0.03	<0.1	<0.01	<0.1	<0.05	3.9	<0.5	5	N.A.	N.A.
STANDARD6	Rock Pulp	0.29	0.106	5	7	2.66	7	0.107	<20	5.53	<0.001	0.03	0.5	<0.01	<0.1	2.67	20.9	3.6	22	N.A.	N.A.
BF09042	Rock	0.37	0.010	4	4	0.05	56	0.004	<20	0.54	0.013	0.28	<0.1	0.01	<0.1	0.10	0.4	<0.5	2	76.45	12.27
MF09109RL	Rock	0.37	0.126	7	5	2.68	5	0.133	<20	5.66	<0.001	0.03	<0.1	<0.01	<0.1	2.03	23.2	3.4	24	N.A.	N.A.
MF09109R2A	Rock	0.28	0.090	4	3	1.98	3	0.133	<20	4.74	<0.001	<0.01	0.2	<0.01	<0.1	8.70	16.0	20.1	23	N.A.	N.A.
MF09243	Rock	0.87	0.005	3	<1	0.05	234	0.007	<20	1.52	0.033	0.07	<0.1	<0.01	<0.1	<0.05	0.9	<0.5	2	74.87	13.02
RF09290R2	Rock	0.03	0.007	14	1	0.01	8	<0.001	<20	0.38	<0.001	0.02	1.3	0.02	0.3	<0.05	0.7	<0.5	1	N.A.	N.A.
RF09074	Rock	0.36	0.069	2	102	3.31	4	0.387	<20	6.79	<0.001	<0.01	<0.1	<0.01	<0.1	6.58	11.6	11.0	24	N.A.	N.A.
RF09077A	Rock	0.02	0.005	2	3	0.14	16	0.002	<20	1.24	<0.001	0.08	2.0	0.05	<0.1	7.14	0.3	15.6	9	N.A.	N.A.
RF09077B	Rock	0.01	<0.001	<1	1	0.17	12	0.001	<20	1.17	<0.001	0.02	4.5	0.11	<0.1	>10	<0.1	59.4	12	N.A.	N.A.
RF09106A	Rock	0.24	0.009	6	3	0.07	38	0.016	<20	0.48	0.033	0.14	<0.1	<0.01	<0.1	0.14	0.7	<0.5	1	76.02	12.93
RF09111	Rock	0.09	0.048	2	157	3.53	2	0.082	<20	6.00	<0.001	<0.01	<0.1	<0.01	0.1	2.66	22.5	4.4	24	N.A.	N.A.
RF09114	Rock	0.80	0.011	4	2	0.06	340	0.004	<20	1.79	0.280	0.15	0.1	<0.01	<0.1	<0.05	0.5	<0.5	2	73.22	13.51
RF09116A	Rock	0.48	0.054	1	91	2.97	5	0.438	<20	5.86	<0.001	<0.01	0.4	<0.01	<0.1	6.32	12.5	9.3	21	N.A.	N.A.
RF09116B	Rock	0.35	0.058	3	109	3.16	10	0.177	<20	6.49	<0.001	<0.01	3.6	<0.01	<0.1	1.36	19.3	5.8	28	N.A.	N.A.
RF09116C	Rock	0.07	0.013	5	46	0.77	3	0.057	<20	1.60	<0.001	<0.01	1.6	<0.01	<0.1	2.40	3.6	8.0	9	N.A.	N.A.
RF09117	Rock	0.75	0.070	3	47	1.17	194	0.221	<20	2.12	0.092	0.02	0.2	<0.01	<0.1	2.51	4.3	9.0	9	N.A.	N.A.
RF09127	Rock	0.08	0.007	3	3	0.05	35	0.003	<20	1.22	0.001	0.18	<0.1	<0.01	<0.1	4.78	0.5	8.2	4	N.A.	N.A.
RF09122	Rock	1.90	0.052	2	19	0.44	199	0.166	<20	3.82	0.332	0.03	0.1	<0.01	<0.1	3.13	3.4	6.4	15	N.A.	N.A.
RF09128	Rock	0.05	0.009	4	3	0.03	29	0.002	<20	1.01	0.002	0.18	<0.1	<0.01	<0.1	5.12	0.4	9.9	3	N.A.	N.A.
RF09120	Rock	0.74	0.109	4	52	1.71	24	0.232	<20	2.24	0.043	<0.01	0.2	<0.01	<0.1	2.64	5.3	10.9	13	N.A.	N.A.

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Project: None Given
Report Date: October 27, 2009

CERTIFICATE OF ANALYSIS VAN09004765.1

	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	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb
	Unit	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	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	0.5	0.1	0.1
STANDARD5	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
STANDARD6	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BF09042	Rock	3.04	0.26	0.87	1.37	2.91	0.07	0.05	0.06	<0.002	<20	2	2.1	99.49	522	1	7.9	0.9	14.6	1.7	6.4
MF09109RL	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.
MF09109R2A	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.
MF09243	Rock	0.97	0.16	1.84	2.80	2.69	0.08	0.06	0.05	<0.002	<20	3	3.3	99.79	1238	1	0.6	1.2	11.1	2.1	7.4
RF09290R2	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.
RF09074	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.
RF09077A	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.
RF09077B	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.
RF09106A	Rock	1.33	0.17	0.76	3.59	3.56	0.08	0.05	0.04	<0.002	<20	3	1.3	99.82	967	1	1.6	0.4	10.3	2.0	6.5
RF09111	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.
RF09114	Rock	2.40	0.26	2.84	1.20	2.59	0.08	0.05	0.05	0.003	<20	3	3.5	99.69	970	1	5.9	1.8	13.8	2.1	7.4
RF09116A	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.
RF09116B	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.
RF09116C	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.
RF09117	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.
RF09127	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.
RF09122	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.
RF09128	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.
RF09120	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.

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	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	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	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	0.01	0.05	0.02
STANDARD5	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
STANDARD6	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BF09042	Rock	90.1	2	121.6	0.6	7.3	4.6	11	1.1	46.7	17.8	10.2	21.2	2.29	8.2	1.79	0.27	1.81	0.38	2.33	0.55
MF09109RL	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.
MF09109R2A	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.
MF09243	Rock	62.7	<1	222.7	0.7	7.1	3.3	<8	0.5	54.2	18.6	15.7	30.0	3.34	11.9	2.46	0.41	2.24	0.44	2.72	0.60
RF09290R2	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.
RF09074	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.
RF09077A	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.
RF09077B	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.
RF09106A	Rock	86.1	<1	93.5	0.5	6.6	2.6	<8	0.7	46.6	13.6	12.1	25.3	2.67	8.9	1.97	0.32	1.68	0.33	2.07	0.45
RF09111	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.
RF09114	Rock	82.8	1	378.8	0.8	7.2	3.9	<8	1.3	51.8	16.6	14.8	30.6	3.31	11.5	2.51	0.30	2.11	0.39	2.33	0.52
RF09116A	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.
RF09116B	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.
RF09116C	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.
RF09117	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.
RF09127	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.
RF09122	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.
RF09128	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.
RF09120	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.

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Project: None Given
Report Date: October 27, 2009

CERTIFICATE OF ANALYSIS VAN09004765.1

Method		4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco
Analyte		Er	Tm	Yb	Lu	TOT/C	TOT/S
Unit		ppm	ppm	ppm	ppm	%	%
MDL		0.03	0.01	0.05	0.01	0.02	0.02
STANDARD5	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
STANDARD6	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BF09042	Rock	1.83	0.31	2.14	0.34	0.12	0.12
MF09109RL	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MF09109R2A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
MF09243	Rock	1.80	0.31	2.08	0.35	0.03	<0.02
RF09290R2	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09074	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09077A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09077B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09106A	Rock	1.37	0.23	1.63	0.26	<0.02	0.14
RF09111	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09114	Rock	1.58	0.27	1.92	0.33	0.07	<0.02
RF09116A	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09116B	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09116C	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09117	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09127	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09122	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09128	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
RF09120	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Project: None Given
Report Date: October 27, 2009

QUALITY CONTROL REPORT VAN09004765.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
STANDARD6	Rock Pulp	0.21	7532	1.9	1708	9.3	233	3.8	23.5	49.9	3093	15.54	4.6	0.1	15297	0.7	2	0.9	<0.1	4.1	427
REP STANDARD6	QC			1.8	1669	9.1	218	2.6	23.1	45.6	3005	15.24	4.3	<0.1	3901	0.7	2	0.8	<0.1	3.8	420
RF09106A	Rock	0.44	4	0.3	242.0	8.8	21	0.8	2.1	1.7	202	0.73	0.8	1.4	<0.5	5.8	3	0.2	<0.1	0.1	3
REP RF09106A	QC																				
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard			18.0	110.6	75.1	400	0.8	58.8	10.0	624	2.41	47.0	5.0	54.0	4.6	74	6.1	3.9	4.7	83
STD DS7	Standard			19.9	107.8	66.5	407	0.9	54.9	9.0	654	2.50	51.1	4.7	56.7	4.4	75	6.2	3.7	4.2	82
STD OREAS45PA	Standard			1.0	594.4	21.3	112	0.2	296.3	114.4	1138	16.91	2.9	1.4	44.2	7.1	14	<0.1	0.1	0.2	221
STD OREAS45PA	Standard			0.9	616.4	18.7	125	0.3	306.6	112.9	1089	16.03	4.6	1.1	57.3	6.4	15	<0.1	<0.1	0.2	223
STD OREAS76A	Standard																				
STD OXD73	Standard		450																		
STD OXD73	Standard		429																		
STD OXH55	Standard		1394																		
STD OXH55	Standard		1332																		
STD SO-18	Standard																				
STD SO-18	Standard																				
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected																					
STD DS7 Expected				20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84
STD OREAS45PA Expected				0.9	600	19	119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221
STD OXD73 Expected			416																		
STD OXH55 Expected			1282																		
BLK	Blank																				
BLK	Blank																				
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2

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Project: None Given
Report Date: October 27, 2009

QUALITY CONTROL REPORT VAN09004765.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	4A-4B	4A-4B
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	SiO2	Al2O3
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.01	0.01
Pulp Duplicates																					
STANDARD6	Rock Pulp	0.29	0.106	5	7	2.66	7	0.107	<20	5.53	<0.001	0.03	0.5	<0.01	<0.1	2.67	20.9	3.6	22	N.A.	N.A.
REP STANDARD6	QC	0.28	0.099	5	7	2.58	6	0.103	<20	5.41	<0.001	0.03	0.5	<0.01	<0.1	2.57	20.2	5.1	22		
RF09106A	Rock	0.24	0.009	6	3	0.07	38	0.016	<20	0.48	0.033	0.14	<0.1	<0.01	<0.1	0.14	0.7	<0.5	1	76.02	12.93
REP RF09106A	QC																			75.82	12.92
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard	0.93	0.073	12	208	1.03	407	0.125	26	1.00	0.091	0.44	3.2	0.19	4.3	0.19	2.3	3.2	5		
STD DS7	Standard	1.00	0.076	13	213	1.03	423	0.119	36	1.09	0.104	0.47	3.2	0.18	4.3	0.20	2.5	4.0	5		
STD OREAS45PA	Standard	0.24	0.034	16	789	0.11	181	0.145	<20	3.34	0.003	0.07	<0.1	0.02	<0.1	<0.05	42.2	<0.5	16		
STD OREAS45PA	Standard	0.23	0.031	17	868	0.10	192	0.132	<20	3.67	0.005	0.07	<0.1	0.02	<0.1	<0.05	40.8	0.6	17		
STD OREAS76A	Standard																				
STD OXD73	Standard																				
STD OXD73	Standard																				
STD OXH55	Standard																				
STD OXH55	Standard																				
STD SO-18	Standard																			57.94	14.13
STD SO-18	Standard																			58.07	14.16
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected																				58.47	14.23
STD DS7 Expected		0.93	0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	4.2	0.19	2.5	3.5	5		
STD OREAS45PA Expected		0.2411	0.034	16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	0.07	0.03	43	0.54	16.8		
STD OXD73 Expected																					
STD OXH55 Expected																					
BLK	Blank																				
BLK	Blank																			<0.01	<0.01
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1		
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1		

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Project: None Given
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QUALITY CONTROL REPORT VAN09004765.1

	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
	Analyte	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb
	Unit	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	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	0.5	0.1	0.1
Pulp Duplicates																					
STANDARD6	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	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 STANDARD6	QC																				
RF09106A	Rock	1.33	0.17	0.76	3.59	3.56	0.08	0.05	0.04	<0.002	<20	3	1.3	99.82	967	1	1.6	0.4	10.3	2.0	6.5
REP RF09106A	QC	1.35	0.17	0.78	3.65	3.66	0.09	0.05	0.04	<0.002	<20	3	1.3	99.82	908	1	1.7	0.4	9.9	2.0	6.6
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD OREAS45PA	Standard																				
STD OREAS45PA	Standard																				
STD OREAS76A	Standard																				
STD OXD73	Standard																				
STD OXD73	Standard																				
STD OXH55	Standard																				
STD OXH55	Standard																				
STD SO-18	Standard	7.67	3.35	6.37	3.70	2.16	0.69	0.84	0.39	0.549	53	25	1.9	99.70	491	<1	26.6	6.7	16.7	9.6	20.6
STD SO-18	Standard	7.58	3.33	6.36	3.68	2.16	0.69	0.83	0.39	0.553	47	25	1.9	99.70	508	1	27.0	7.0	17.1	9.7	20.9
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected		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	17.6	9.8	21.3
STD DS7 Expected																					
STD OREAS45PA Expected																					
STD OXD73 Expected																					
STD OXH55 Expected																					
BLK	Blank																				
BLK	Blank	<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	<0.5	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				

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	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	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	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	0.01	0.05	0.02
Pulp Duplicates																					
STANDARD6	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	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 STANDARD6	QC																				
RF09106A	Rock	86.1	<1	93.5	0.5	6.6	2.6	<8	0.7	46.6	13.6	12.1	25.3	2.67	8.9	1.97	0.32	1.68	0.33	2.07	0.45
REP RF09106A	QC	88.1	<1	88.0	0.6	6.5	2.2	<8	<0.5	45.8	13.1	11.1	23.1	2.41	7.8	1.69	0.29	1.66	0.29	1.88	0.39
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD OREAS45PA	Standard																				
STD OREAS45PA	Standard																				
STD OREAS76A	Standard																				
STD OXD73	Standard																				
STD OXD73	Standard																				
STD OXH55	Standard																				
STD OXH55	Standard																				
STD SO-18	Standard	28.7	15	398.6	7.0	9.8	15.7	203	14.6	277.2	30.9	11.8	27.1	3.28	13.3	2.81	0.84	2.84	0.50	2.84	0.59
STD SO-18	Standard	28.6	15	410.1	7.1	9.8	15.9	207	14.6	280.0	31.4	12.0	27.7	3.34	13.5	2.88	0.85	2.87	0.50	2.90	0.61
STD CSC Expected																					
STD OREAS76A Expected																					
STD SO-18 Expected		28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3	0.62
STD DS7 Expected																					
STD OREAS45PA Expected																					
STD OXD73 Expected																					
STD OXH55 Expected																					
BLK	Blank																				
BLK	Blank	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.9	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02
BLK	Blank																				
BLK	Blank																				

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QUALITY CONTROL REPORT VAN09004765.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco
	Analyte	Er	Tm	Yb	Lu	TOT/C	TOT/S
	Unit	ppm	ppm	ppm	ppm	%	%
	MDL	0.03	0.01	0.05	0.01	0.02	0.02
Pulp Duplicates							
STANDARD6	Rock Pulp	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP STANDARD6	QC						
RF09106A	Rock	1.37	0.23	1.63	0.26	<0.02	0.14
REP RF09106A	QC	1.33	0.22	1.53	0.25		
Reference Materials							
STD CSC	Standard					2.94	4.38
STD DS7	Standard						
STD DS7	Standard						
STD OREAS45PA	Standard						
STD OREAS45PA	Standard						
STD OREAS76A	Standard					0.16	18.24
STD OXD73	Standard						
STD OXD73	Standard						
STD OXH55	Standard						
STD OXH55	Standard						
STD SO-18	Standard	1.75	0.27	1.73	0.26		
STD SO-18	Standard	1.78	0.27	1.74	0.26		
STD CSC Expected						2.94	4.25
STD OREAS76A Expected						0.16	18
STD SO-18 Expected		1.84	0.27	1.79	0.27		
STD DS7 Expected							
STD OREAS45PA Expected							
STD OXD73 Expected							
STD OXH55 Expected							
BLK	Blank					<0.02	<0.02
BLK	Blank	<0.03	<0.01	<0.05	<0.01		
BLK	Blank						
BLK	Blank						

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

Project: None Given
Report Date: October 27, 2009

QUALITY CONTROL REPORT VAN09004765.1

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX U ppm 0.1	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank	<0.01	<2	0.2	2.2	3.4	44	<0.1	4.8	4.5	554	1.80	<0.5	1.9	<0.5	5.9	50	<0.1	<0.1	<0.1	35
G1	Prep Blank	<0.01	<2	0.4	2.8	3.3	45	<0.1	5.0	4.3	544	1.77	<0.5	1.9	<0.5	5.7	48	<0.1	<0.1	<0.1	35

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Report Date: October 27, 2009

QUALITY CONTROL REPORT VAN09004765.1

		1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.46	0.081	10	7	0.58	166	0.131	<20	0.88	0.063	0.48	<0.1	<0.01	0.4	<0.05	1.8	<0.5	4	66.90	15.85
G1	Prep Blank	0.44	0.080	10	7	0.57	166	0.128	<20	0.86	0.055	0.47	<0.1	<0.01	0.3	<0.05	1.8	<0.5	4	66.63	15.92

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Report Date: October 27, 2009

QUALITY CONTROL REPORT VAN09004765.1

		4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01	4A-4B Na2O % 0.01	4A-4B K2O % 0.01	4A-4B TiO2 % 0.01	4A-4B P2O5 % 0.01	4A-4B MnO % 0.01	4A-4B Cr2O3 % 0.002	4A-4B Ni ppm 20	4A-4B Sc ppm 1	4A-4B LOI % -5.1	4A-4B Sum % 0.01	4A-4B Ba ppm 1	4A-4B Be ppm 1	4A-4B Co ppm 0.2	4A-4B Cs ppm 0.1	4A-4B Ga ppm 0.5	4A-4B Hf ppm 0.1	4A-4B Nb ppm 0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	3.27	1.22	3.55	3.64	3.62	0.40	0.21	0.10	0.003	<20	6	0.9	99.68	1065	3	4.6	5.1	18.8	4.4	27.3
G1	Prep Blank	3.44	1.25	3.56	3.56	3.64	0.41	0.22	0.10	0.002	<20	6	0.9	99.68	1088	3	5.0	5.2	19.4	4.6	29.7

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		4A-4B Rb ppm 0.1	4A-4B Sn ppm 1	4A-4B Sr ppm 0.5	4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05	4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	137.1	2	780.5	1.7	10.4	4.0	58	<0.5	146.7	18.6	34.9	72.6	7.93	28.8	4.87	1.25	3.59	0.57	3.05	0.61
G1	Prep Blank	133.7	2	804.4	1.7	10.5	4.1	59	<0.5	159.6	18.5	34.0	70.9	7.78	28.2	4.83	1.19	3.38	0.56	3.10	0.62

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		4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05	4A-4B Lu ppm 0.01	2A Leco TOT/C % 0.02	2A Leco TOT/S % 0.02
BLK	Blank						
BLK	Blank						
BLK	Blank						
BLK	Blank						
Prep Wash							
G1	Prep Blank	1.77	0.31	1.91	0.34	0.05	<0.02
G1	Prep Blank	1.87	0.31	2.03	0.34	0.05	<0.02

APPENDIX D: ASSAY SHEETS (cont'd)

Grid

Report: A09-3923
Report Date: 8/10/2009

Final Report - Results

Activation Laboratories

Analyte Symbol	Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	1000	1	1	0.1	0.1	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
00+180E	45000	48	14	293	0.8	2	1.6	0.15	< 0.5	< 0.1	0.01	< 0.005	0.4	0.22	< 0.01	19.8	20	37
180E+30SEL	38000	42	14	255	0.5	2	1.1	0.12	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.24	< 0.01	7.2	14	24
180E+60SEL	53000	134	41	33.1	0.8	3	2.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.4	0.58	0.04	20.1	20	42
180E+90SEL	46000	50	21	66.1	0.5	1	0.3	0.09	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.15	< 0.01	9.9	14	12
180E+120SEL	69000	78	21	101	0.9	3	1.4	0.07	< 0.5	< 0.1	0.017	< 0.005	0.4	0.34	< 0.01	17.6	39	24
00+150E	74000	55	14	158	0.9	2	0.2	0.09	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.28	< 0.01	12.7	21	22
150E+030S	105000	64	18	55.6	0.9	4	0.4	0.08	< 0.5	< 0.1	0.01	< 0.005	0.4	0.22	< 0.01	77.4	43	81
150E+060S	106000	63	21	40	0.9	7	0.5	0.08	< 0.5	< 0.1	0.01	< 0.005	0.4	0.25	< 0.01	361	47	45
150E+090S	59000	29	4	498	0.6	1	0.9	0.63	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.08	< 0.01	9.9	8	8
150E+120S	54000	68	19	38	0.8	4	< 0.1	0.26	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.24	< 0.01	8.9	19	51
150E+150S	105000	58	10	48.3	0.5	5	< 0.1	0.5	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.09	< 0.01	18.5	29	24
150E+180S	65000	153	40	65.5	1.2	6	0.2	0.46	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.57	< 0.01	12.1	37	20
150E+210S	89000	111	47	7.8	1.1	9	< 0.1	0.27	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.17	0.04	9.5	14	145
120E+120NEL	92000	57	25	170	1.4	7	1.5	0.23	< 0.5	< 0.1	0.006	0.019	0.4	0.21	< 0.01	31.6	42	36
120E+90NEL	79000	20	10	106	0.9	8	3.1	0.19	< 0.5	< 0.1	< 0.005	< 0.005	0.4	0.15	< 0.01	141	29	25
120E+60NEL	138000	79	33	47.2	1.3	12	1.4	0.09	< 0.5	< 0.1	0.057	< 0.005	0.5	0.12	< 0.01	155	29	42
120E+30NEL	38000	70	28	75.6	0.5	4	0.2	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.32	< 0.01	6.5	15	12
00+120E	101000	78	44	17.1	0.8	17	0.2	0.18	< 0.5	< 0.1	0.006	< 0.005	0.3	0.14	0.02	57.5	27	41
120E+30SEL	72000	86	22	316	1.3	4	1.3	0.61	< 0.5	0.8	< 0.005	< 0.005	0.2	0.32	0.14	20.5	27	32
120E+60SEL	137000	41	7	216	2.1	4	1.2	0.41	< 0.5	< 0.1	< 0.005	< 0.005	0.5	0.65	< 0.01	21	16	11
120E+90SEL	43000	61	29	24.1	0.2	6	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.22	< 0.01	18.2	24	23
120E+120SEL	65000	114	48	6.3	0.3	9	< 0.1	< 0.01	< 0.5	< 0.1	0.007	< 0.005	0.3	0.19	< 0.01	4	17	31
120E+150SEL	74000	89	30	79.3	1.2	6	0.3	0.49	< 0.5	< 0.1	< 0.005	< 0.005	0.4	0.53	< 0.01	11.7	28	19
090E+150N	66000	105	34	32.6	1.5	14	0.2	0.15	< 0.5	< 0.1	0.005	< 0.005	0.4	0.16	< 0.01	19.9	25	90
090E+120N	79000	85	34	72.8	1.2	9	0.2	0.13	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.22	< 0.01	46.8	41	52
090E+090N	53000	169	29	8.4	0.7	5	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.21	< 0.01	8.6	32	61
090E+060N	118000	56	11	119	1	5	3.3	0.73	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.33	< 0.01	106	60	163
090E+030N	114000	80	24	38.6	1	10	0.5	0.45	< 0.5	< 0.1	0.027	< 0.005	0.2	0.2	< 0.01	14.4	34	36
00+90E	130000	99	37	52.7	1	6	0.3	0.04	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.26	< 0.01	10.2	23	22
90E+30SEL	51000	45	14	1140	0.5	2	1.6	0.12	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.25	< 0.01	6.2	19	11
90E+60SEL	40000	40	13	191	0.3	2	0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.16	< 0.01	9.5	18	12
90E+90SEL	43000	76	20	66.5	0.3	2	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.33	< 0.01	10.4	20	15
90E+120SEL	49000	141	29	31.2	0.6	5	0.1	< 0.01	< 0.5	< 0.1	0.006	0.045	0.3	0.31	0.01	9.2	20	21
060E+150N	71000	87	27	200	1.5	4	1.3	0.05	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.28	< 0.01	29.8	34	35
060E+120N	68000	197	57	42.5	6.9	21	1	0.25	< 0.5	< 0.1	< 0.005	0.005	0.4	0.23	0.45	65.1	39	159
060E+090N	127000	83	27	74.4	1.4	8	1	0.12	< 0.5	< 0.1	0.006	< 0.005	0.3	0.22	< 0.01	266	71	60
060E+060N	51000	70	23	34.4	0.3	4	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.27	< 0.01	10.1	16	39
060E+030N	43000	84	25	46.8	0.3	4	0.2	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.11	< 0.01	17.9	13	28
00+60E	71000	191	79	20.5	0.5	3	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.87	0.52	15.2	18	138
060E+30SEL	76000	97	23	13.5	0.5	6	< 0.1	0.35	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.35	< 0.01	8.2	15	46
060E+60SEL	73000	62	16	123	0.6	2	0.1	0.05	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.16	< 0.01	81.7	26	30
060E+90SEL	69000	38	13	242	0.5	2	0.5	0.03	< 0.5	< 0.1	< 0.005	< 0.005	0.1	0.17	< 0.01	9.9	10	14
060E+120SEL	49000	62	15	149	0.3	1	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.24	< 0.01	12.4	17	9
30E+90NEL	96000	108	41	26.5	1.5	19	1.5	0.1	< 0.5	< 0.1	0.011	< 0.005	0.3	0.3	< 0.01	9.5	37	59
30E+60NEL	93000	59	9	268	2	3	7.1	0.77	< 0.5	< 0.1	< 0.005	< 0.005	0.5	1.01	< 0.01	22.7	27	17
30E+30NEL	69000	66	26	52.4	0.6	3	0.6	0.58	< 0.5	< 0.1	< 0.005	< 0.005	0.4	0.46	< 0.01	25.4	23	22
00+30E	164000	49	16	134	1.1	6	2.4	0.7	< 0.5	< 0.1	0.011	< 0.005	0.2	0.28	< 0.01	22.8	37	25
30E+030S	76000	181	34	11.6	1.4	5	< 0.1	0.11	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.46	0.07	22.1	31	48
30E+060S	130000	141	15	268	1.9	4	0.8	0.7	< 0.5	< 0.1	0.016	< 0.005	0.1	0.38	< 0.01	39.3	29	52

Report: A09-3923
Report Date: 8/10/2009

Final Report - Results

Activation Laboratories

Analyte Symbol	Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni	Cu
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	1000	1	1	0.1	0.1	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1	1
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
30E+090S	199000	67	5	25.8	4.1	2	1.9	1.18	< 0.5	0.4	< 0.005	< 0.005	0.1	0.7	< 0.01	33.3	14	8
0+150NEL	63000	43	13	77.6	1.1	2	2	0.24	< 0.5	< 0.1	0.084	< 0.005	0.1	0.2	< 0.01	46.6	28	34
0+120NEL	49000	40	9	145	0.6	3	0.6	0.13	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.15	< 0.01	21.7	41	25
0+90NEL	80000	213	31	19.5	0.8	6	0.1	0.07	< 0.5	< 0.1	0.009	< 0.005	< 0.1	0.16	< 0.01	6.8	14	43
0+60NEL	62000	162	39	54.4	0.9	6	1	0.17	< 0.5	< 0.1	0.011	< 0.005	0.1	0.39	< 0.01	13.1	15	110
0+30SEL	61000	562	62	33.4	0.7	5	0.2	0.16	< 0.5	< 0.1	0.018	< 0.005	0.2	0.35	0.16	8.5	21	61
0+60SEL	62000	37	6	395	0.5	2	1.1	0.75	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	0.19	< 0.01	15.4	14	9
0+90SEL	46000	87	19	72.5	0.5	2	8.6	0.07	< 0.5	< 0.1	0.006	< 0.005	0.2	0.3	< 0.01	22	24	13
30W+150NEL	50000	18	5	114	0.5	2	0.8	0.14	< 0.5	< 0.1	< 0.005	< 0.005	0.1	0.12	< 0.01	25.2	39	14
30W+120NEL	51000	95	32	52.4	1.1	6	1.1	0.2	< 0.5	< 0.1	0.006	< 0.005	0.3	0.56	0.02	12.8	43	56
30W+90NEL	45000	116	56	21	1.5	11	0.3	0.17	< 0.5	< 0.1	0.007	< 0.005	0.2	0.44	0.02	4.6	17	66
30W+60NEL	87000	35	8	202	0.7	6	0.8	0.18	< 0.5	< 0.1	0.01	< 0.005	< 0.1	0.21	< 0.01	20.1	34	29
30W+30NEL	53000	162	28	29.6	0.6	6	0.2	0.11	< 0.5	< 0.1	0.005	< 0.005	< 0.1	0.17	< 0.01	4.8	11	19
0+30WEL	92000	110	26	41.8	1.5	8	1.3	0.21	< 0.5	< 0.1	0.009	< 0.005	0.2	0.28	< 0.01	23.4	49	63
30W+30SEL	93000	84	32	54.3	1.6	8	2.9	0.24	< 0.5	0.3	0.011	< 0.005	0.4	0.77	< 0.01	20.1	50	37
060W+150N	56000	54	30	42.7	0.6	4	0.2	0.13	< 0.5	< 0.1	0.008	< 0.005	0.1	0.25	< 0.01	7.5	17	40
060W+120N	49000	72	26	46	0.8	5	1.3	0.13	< 0.5	< 0.1	0.008	< 0.005	0.2	0.54	< 0.01	12.1	29	26
060W+090N	63000	58	17	47	0.8	6	0.6	0.18	< 0.5	< 0.1	0.006	< 0.005	0.2	0.23	< 0.01	27.3	44	33
060W+060N	40000	77	36	70.2	0.8	6	0.5	0.1	< 0.5	< 0.1	0.01	< 0.005	0.1	0.39	< 0.01	7.7	23	42
060W+030N	78000	65	23	86.1	0.9	6	1.8	0.18	< 0.5	< 0.1	0.007	< 0.005	< 0.1	0.22	< 0.01	54	32	33
0+60WEL	78000	95	30	100	3.1	5	2.4	0.5	< 0.5	< 0.1	0.095	< 0.005	< 0.1	0.22	0.07	40.4	23	36
060W+20SEL	58000	117	45	42.5	1.1	8	1	0.14	< 0.5	0.1	0.006	< 0.005	0.3	0.41	0.01	10.6	36	44

Final Report - Results

Activation Laboratories

Analyte Symbol	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi	Ti	Cr	Y	Zr	Nb	Hf	Ta	La
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5	10	3	0.05	0.1	0.1	0.01	0.02	0.01
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
00+180E	170	2.9	5.7	0.12	< 0.1	5.1	0.04	< 0.2	0.041	< 0.5	770	< 3	1.17	9.1	0.9	0.43	< 0.02	2.8
180E+30SEL	82	2.6	3.7	0.23	< 0.1	1.2	0.05	< 0.2	0.035	< 0.5	900	< 3	0.14	4.8	1	0.23	< 0.02	1.77
180E+60SEL	94	1.9	2.3	0.12	< 0.1	3.9	0.04	< 0.2	0.072	< 0.5	440	< 3	2.62	11.3	0.6	0.51	< 0.02	2.02
180E+90SEL	62	2.1	2.9	0.19	< 0.1	1	0.02	< 0.2	< 0.005	< 0.5	770	< 3	< 0.05	5.1	0.9	0.2	< 0.02	0.59
180E+120SEL	140	1.9	3.4	0.13	< 0.1	8.3	0.06	< 0.2	0.086	< 0.5	1190	< 3	< 0.05	7.3	0.9	0.32	< 0.02	1.15
00+150E	109	1.2	4.1	0.05	< 0.1	2.1	0.04	< 0.2	0.033	< 0.5	1200	< 3	< 0.05	3.4	0.7	0.13	< 0.02	0.73
150E+030S	128	1.5	1.8	0.13	< 0.1	11.9	0.06	< 0.2	0.27	< 0.5	370	< 3	1.8	9.4	0.3	0.42	< 0.02	1.25
150E+060S	131	1.2	1.7	0.11	< 0.1	12.3	0.04	< 0.2	0.459	< 0.5	410	< 3	0.85	13.4	0.2	0.61	< 0.02	0.99
150E+090S	102	1.1	1.2	0.05	< 0.1	1.4	< 0.01	165	0.099	< 0.5	390	< 3	< 0.05	3.8	0.5	0.19	< 0.02	0.15
150E+120S	109	1.5	3.1	< 0.05	< 0.1	1.3	< 0.01	184	0.055	< 0.5	640	< 3	< 0.05	9.1	0.6	0.42	< 0.02	0.76
150E+150S	76	1.4	0.7	0.07	< 0.1	2.4	< 0.01	178	0.115	< 0.5	240	< 3	< 0.05	3.7	0.2	0.14	< 0.02	0.57
150E+180S	128	1.6	3.4	< 0.05	< 0.1	2.7	0.02	163	0.059	< 0.5	930	< 3	2.06	6	0.8	0.28	< 0.02	2.26
150E+210S	94	1.6	0.6	0.07	< 0.1	1.6	< 0.01	177	0.125	< 0.5	240	< 3	2.62	3.7	0.2	0.18	< 0.02	1.42
120E+120NEL	173	1.5	4.8	0.09	< 0.1	6.7	0.04	1.1	0.361	< 0.5	1020	33	0.76	7.2	0.5	0.37	< 0.02	0.94
120E+90NEL	151	1.3	3.9	< 0.05	< 0.1	2.9	0.03	< 0.2	0.163	< 0.5	940	< 3	< 0.05	4.8	0.7	0.22	< 0.02	0.3
120E+60NEL	109	1.1	0.9	0.11	< 0.1	4.1	0.02	< 0.2	0.409	< 0.5	310	< 3	< 0.05	9.3	0.3	0.44	< 0.02	0.58
120E+30NEL	59	1.1	2.4	0.07	< 0.1	1.9	0.02	< 0.2	< 0.005	< 0.5	510	< 3	< 0.05	5.2	0.6	0.23	< 0.02	0.41
00+120E	90	0.9	0.6	< 0.05	< 0.1	4.1	0.02	< 0.2	0.503	< 0.5	140	< 3	< 0.05	5.3	0.1	0.21	< 0.02	0.74
120E+30SEL	198	1.3	4.1	0.13	< 0.1	2.4	< 0.01	144	0.185	< 0.5	1150	< 3	2.08	7.5	0.9	0.37	0.06	0.85
120E+60SEL	223	2	1	< 0.05	< 0.1	2.9	0.02	347	0.434	< 0.5	230	< 3	0.13	5.8	0.3	0.3	< 0.02	1.17
120E+90SEL	70	0.9	0.8	0.05	< 0.1	3.2	0.02	1.6	0.07	< 0.5	220	4	0.52	5.3	0.2	0.25	< 0.02	0.63
120E+120SEL	40	0.8	0.4	< 0.05	< 0.1	1.3	0.01	< 0.2	0.079	< 0.5	170	< 3	< 0.05	2.3	0.1	0.11	< 0.02	0.46
120E+150SEL	125	1.2	3	0.06	< 0.1	2.1	0.02	167	0.01	< 0.5	830	< 3	< 0.05	7.4	0.7	0.34	< 0.02	0.46
090E+150N	101	1.1	1.4	< 0.05	< 0.1	8.8	0.02	0.7	0.255	< 0.5	440	< 3	1.53	4.6	0.3	0.22	< 0.02	0.9
090E+120N	109	0.9	3.3	0.12	< 0.1	4.6	0.01	< 0.2	0.212	< 0.5	600	< 3	3.33	13.4	0.3	0.61	< 0.02	1.69
090E+090N	53	0.8	1.1	0.05	< 0.1	4.1	0.01	< 0.2	0.101	< 0.5	190	< 3	0.8	6.5	0.1	0.28	< 0.02	0.79
090E+060N	361	1.3	6	0.18	< 0.1	12.3	< 0.01	164	0.395	< 0.5	1670	< 3	2.18	7.4	0.7	0.32	< 0.02	1.1
090E+030N	64	0.8	1.4	0.11	< 0.1	6.5	< 0.01	< 0.2	0.338	< 0.5	700	< 3	< 0.05	6.5	0.4	0.31	< 0.02	0.54
00+90E	64	1.7	2.1	0.09	< 0.1	2.2	0.02	< 0.2	0.16	< 0.5	430	< 3	< 0.05	5	0.3	0.22	< 0.02	0.49
90E+30SEL	63	1.1	2.6	0.22	< 0.1	2.1	0.01	< 0.2	< 0.005	< 0.5	1470	< 3	< 0.05	11.3	2	0.47	< 0.02	0.27
90E+60SEL	50	1	2.7	0.18	< 0.1	1.6	0.01	< 0.2	< 0.005	< 0.5	650	< 3	< 0.05	6.4	0.6	0.29	< 0.02	0.35
90E+90SEL	82	1	2.2	0.16	< 0.1	0.9	0.01	< 0.2	< 0.005	< 0.5	700	< 3	< 0.05	6.1	0.7	0.4	< 0.02	0.33
90E+120SEL	48	0.9	1.7	0.06	< 0.1	1.9	0.02	< 0.2	0.026	< 0.5	400	< 3	< 0.05	4	0.3	0.18	< 0.02	0.39
060E+150N	99	1.2	3.8	0.2	< 0.1	4.7	0.02	< 0.2	0.032	< 0.5	1030	< 3	0.81	7.1	0.7	0.33	< 0.02	0.87
060E+120N	82	1.2	2.9	0.16	< 0.1	11.1	0.01	< 0.2	0.123	< 0.5	640	< 3	5.56	6.4	0.4	0.27	< 0.02	2.5
060E+090N	119	1.4	2.2	0.15	< 0.1	17	0.02	< 0.2	0.553	< 0.5	400	< 3	0.05	12.3	0.3	0.55	< 0.02	0.71
060E+060N	64	0.9	1.2	0.1	< 0.1	2.2	0.01	< 0.2	0.06	< 0.5	530	< 3	0.33	5.8	0.2	0.26	< 0.02	0.71
060E+030N	81	1.5	1.2	0.09	< 0.1	3	< 0.01	< 0.2	0.22	< 0.5	170	< 3	0.26	4.4	0.1	0.19	< 0.02	0.84
00+60E	52	0.7	1.5	0.09	< 0.1	1.4	0.01	< 0.2	0.154	< 0.5	350	< 3	11.3	8.3	0.4	0.4	< 0.02	3.34
060E+30SEL	84	1	0.9	0.12	< 0.1	1.9	< 0.01	120	0.053	< 0.5	340	< 3	1.31	6.2	0.2	0.26	< 0.02	1.26
060E+60SEL	134	1.2	2.3	0.15	< 0.1	2.6	0.01	1	0.1	< 0.5	650	< 3	0.25	8.1	0.5	0.35	< 0.02	0.73
060E+90SEL	57	0.9	1.5	0.16	< 0.1	1.4	< 0.01	< 0.2	0.168	< 0.5	540	< 3	< 0.05	5.4	1.1	0.29	< 0.02	0.33
060E+120SEL	135	0.8	2.4	0.16	< 0.1	1.7	< 0.01	< 0.2	0.049	< 0.5	570	< 3	< 0.05	4.8	0.5	0.22	< 0.02	0.28
30E+90NEL	165	1.7	0.7	0.05	< 0.1	5.3	0.01	< 0.2	0.196	< 0.5	360	< 3	2.26	8.5	0.2	0.39	< 0.02	1.32
30E+60NEL	253	3.5	2.1	0.13	< 0.1	3	< 0.01	124	0.364	< 0.5	1120	< 3	1.68	5.3	1.4	0.24	< 0.02	3.67
30E+30NEL	238	2.6	2.3	0.13	< 0.1	2.3	< 0.01	105	0.783	< 0.5	490	< 3	0.56	7.6	0.4	0.34	< 0.02	0.83
00+30E	83	2.7	2	0.13	< 0.1	1.7	0.04	< 0.2	0.191	< 0.5	460	< 3	1.55	4	0.5	0.14	< 0.02	2.84
30E+030S	90	1.4	0.6	0.09	< 0.1	3	0.03	< 0.2	0.272	< 0.5	110	< 3	1.97	6.6	0.2	0.29	< 0.02	1.6
30E+060S	41	1.4	2.2	0.24	< 0.1	8	0.02	< 0.2	0.532	< 0.5	800	< 3	1.67	6.1	1	0.26	< 0.02	1.14

Final Report - Results

Activation Laboratories

Analyte Symbol	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi	Ti	Cr	Y	Zr	Nb	Hf	Ta	La
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5	10	3	0.05	0.1	0.1	0.01	0.02	0.01
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
30E+090S	140	1.5	0.8	0.1	< 0.1	4.1	0.03	115	1.5	< 0.5	120	< 3	< 0.05	8.1	0.2	0.3	< 0.02	1.07
0+150NEL	93	1.1	0.9	0.11	< 0.1	3.5	0.01	2.1	0.304	< 0.5	320	< 3	< 0.05	7.5	0.4	0.34	< 0.02	0.87
0+120NEL	94	1.1	1.6	0.13	< 0.1	6	0.02	< 0.2	0.134	< 0.5	340	< 3	< 0.05	5.3	0.3	0.25	< 0.02	0.73
0+90NEL	31	0.8	0.7	< 0.05	< 0.1	1.1	0.01	< 0.2	0.122	< 0.5	90	< 3	0.16	3.6	0.2	0.17	< 0.02	0.81
0+60NEL	92	1.5	0.9	0.11	< 0.1	2.1	0.02	< 0.2	0.219	< 0.5	320	< 3	3.1	5.7	0.4	0.23	< 0.02	1.95
0+30SEL	43	1	0.7	0.11	< 0.1	0.7	0.02	< 0.2	0.232	< 0.5	220	< 3	3.84	8.3	0.2	0.34	< 0.02	1.85
0+60SEL	117	0.8	1.6	< 0.05	< 0.1	2.9	< 0.01	122	0.241	< 0.5	390	< 3	< 0.05	4.3	0.5	0.2	< 0.02	0.26
0+90SEL	44	1.1	1.5	0.2	< 0.1	2.2	0.02	2.9	0.119	< 0.5	400	< 3	< 0.05	6.1	0.3	0.28	< 0.02	0.52
30W+150NEL	104	0.8	0.9	0.11	< 0.1	2.4	< 0.01	0.2	0.165	< 0.5	390	< 3	< 0.05	6.5	0.5	0.28	< 0.02	0.36
30W+120NEL	137	1.1	4.8	0.09	< 0.1	6.7	0.02	< 0.2	0.139	< 0.5	910	< 3	1.09	10.4	0.6	0.44	< 0.02	0.97
30W+90NEL	49	0.9	1.1	0.1	< 0.1	2.7	0.01	< 0.2	0.137	< 0.5	340	< 3	2.57	9	0.3	0.39	< 0.02	1.16
30W+60NEL	90	0.9	1.9	0.17	< 0.1	1.4	0.01	< 0.2	0.13	< 0.5	530	< 3	< 0.05	12.7	0.5	0.54	< 0.02	0.6
30W+30NEL	36	1	0.7	0.12	< 0.1	1.5	0.01	< 0.2	0.113	< 0.5	120	< 3	< 0.05	3.3	0.1	0.14	< 0.02	0.44
0+30WEL	138	1.1	2.1	0.09	< 0.1	6.7	0.02	< 0.2	0.225	< 0.5	890	< 3	0.58	3.5	0.5	0.15	< 0.02	0.74
30W+30SEL	182	1.1	4.2	0.25	0.1	8.4	0.02	< 0.2	0.228	< 0.5	3050	< 3	0.72	10.2	1	0.38	< 0.02	0.77
060W+150N	35	0.7	0.6	0.07	< 0.1	8.2	< 0.01	< 0.2	0.154	< 0.5	140	< 3	1	6	0.2	0.27	< 0.02	0.89
060W+120N	92	1.2	1.9	0.12	< 0.1	3.4	0.01	< 0.2	0.172	< 0.5	330	< 3	0.44	7.4	0.3	0.36	< 0.02	0.8
060W+090N	96	1.1	1.6	0.24	0.2	3.6	0.01	< 0.2	0.241	< 0.5	430	< 3	< 0.05	6.7	0.3	0.3	< 0.02	0.6
060W+060N	89	1.2	1.1	0.12	< 0.1	2.8	0.01	< 0.2	0.181	< 0.5	390	< 3	0.85	9.6	0.4	0.41	< 0.02	0.82
060W+030N	76	1.4	1.3	0.12	< 0.1	3.5	0.01	< 0.2	0.278	< 0.5	580	< 3	0.1	9.4	0.4	0.43	< 0.02	0.74
0+60WEL	75	1	1.2	0.11	0.1	2.2	< 0.01	< 0.2	0.312	< 0.5	490	< 3	1.06	9.9	0.4	0.13	< 0.02	0.9
060W+20SEL	94	1.5	2	0.15	0.2	4.2	0.01	< 0.2	0.22	< 0.5	910	< 3	0.74	7.4	0.5	0.33	< 0.02	0.71

Final Report - Results

Activation Laboratories

Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be	Sc	Mn	Rb
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.4	0.1
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
00+180E	5.53	0.74	2.91	0.66	0.17	0.66	0.11	0.58	0.12	0.3	0.04	0.22	0.03	9.3	0.2	< 10	495	10.5
180E+30SEL	3.71	0.45	1.94	0.55	0.14	0.55	0.08	0.41	0.08	0.22	0.03	0.19	0.03	8.7	0.2	< 10	1580	22.3
180E+60SEL	4.52	0.6	2.72	0.81	0.3	0.82	0.16	0.95	0.18	0.51	0.08	0.51	0.06	8.5	0.8	10	242	46.1
180E+90SEL	1.25	0.17	0.63	0.17	0.06	0.15	0.03	0.13	0.03	0.1	0.02	0.1	0.01	2.9	< 0.1	< 10	1600	2.1
180E+120SEL	2.16	0.29	1.17	0.31	0.14	0.35	0.06	0.36	0.07	0.19	0.03	0.15	0.02	16.1	0.5	< 10	650	18.5
00+150E	1.71	0.22	0.97	0.22	0.1	0.27	0.05	0.23	0.06	0.15	0.02	0.13	0.02	78.3	0.3	< 10	214	5.4
150E+030S	2.74	0.41	1.91	0.52	0.21	0.58	0.12	0.64	0.14	0.35	0.05	0.26	0.04	25.9	1.2	< 10	2470	66.2
150E+060S	2.26	0.31	1.46	0.4	0.18	0.47	0.09	0.47	0.1	0.28	0.04	0.23	0.03	20.8	1.1	< 10	10900	123
150E+090S	0.27	0.03	0.16	0.04	0.02	0.05	0.01	0.04	< 0.01	0.03	< 0.01	0.02	< 0.01	7	< 0.1	< 10	191	29.3
150E+120S	1.73	0.25	1.23	0.34	0.14	0.38	0.07	0.41	0.08	0.23	0.03	0.18	0.03	31	0.4	< 10	491	25.4
150E+150S	1.12	0.17	0.85	0.24	0.11	0.25	0.05	0.23	0.05	0.15	0.02	0.14	0.02	2.5	0.5	< 10	423	43.7
150E+180S	4.15	0.55	2.44	0.62	0.3	0.81	0.14	0.74	0.16	0.42	0.06	0.35	0.05	2	1.3	< 10	562	45.4
150E+210S	3.42	0.54	2.71	0.87	0.34	0.98	0.19	1.02	0.2	0.57	0.07	0.42	0.05	2.7	0.5	10	314	52.3
120E+120NEL	2.21	0.34	1.61	0.54	0.23	0.58	0.1	0.59	0.13	0.35	0.05	0.26	0.03	8.9	0.3	< 10	11800	19.2
120E+90NEL	0.68	0.09	0.42	0.11	0.06	0.14	0.02	0.12	0.03	0.07	< 0.01	0.06	0.01	25.5	0.2	< 10	46700	8.5
120E+60NEL	1.43	0.21	0.99	0.32	0.15	0.36	0.07	0.36	0.08	0.24	0.03	0.2	0.03	11.7	1.1	< 10	5370	101
120E+30NEL	1.07	0.15	0.74	0.23	0.1	0.22	0.05	0.24	0.05	0.14	0.02	0.14	0.02	37.9	0.1	< 10	1180	8
00+120E	1.67	0.24	1.21	0.39	0.15	0.41	0.08	0.39	0.08	0.22	0.03	0.18	0.02	40.1	0.8	< 10	1990	73.9
120E+30SEL	1.88	0.26	1.25	0.33	0.14	0.37	0.07	0.38	0.08	0.22	0.03	0.17	0.02	16.8	0.3	< 10	843	28
120E+60SEL	1.94	0.22	0.9	0.26	0.14	0.32	0.07	0.31	0.05	0.13	0.01	0.08	< 0.01	21.9	0.2	< 10	9180	163
120E+90SEL	1.53	0.23	1.3	0.44	0.18	0.46	0.08	0.5	0.11	0.31	0.04	0.28	0.04	3.3	0.2	10	123	36.4
120E+120SEL	1.1	0.16	0.81	0.3	0.12	0.27	0.05	0.29	0.06	0.17	0.02	0.15	0.02	29.9	0.5	< 10	148	48.1
120E+150SEL	1.02	0.16	0.69	0.26	0.14	0.26	0.05	0.3	0.06	0.17	0.02	0.18	0.02	3.8	0.4	< 10	842	10.6
090E+150N	2.29	0.37	1.95	0.69	0.25	0.76	0.14	0.8	0.15	0.42	0.05	0.32	0.04	7	0.9	< 10	1890	38.9
090E+120N	3.83	0.61	2.92	0.89	0.33	0.96	0.18	0.95	0.18	0.54	0.07	0.44	0.06	11.1	1.2	< 10	889	39
090E+090N	1.83	0.27	1.44	0.44	0.19	0.49	0.1	0.59	0.11	0.33	0.04	0.27	0.03	7.8	0.4	< 10	878	35.2
090E+060N	3.44	0.44	2.27	0.69	0.26	0.78	0.14	0.78	0.17	0.42	0.06	0.35	0.05	26.2	0.8	< 10	21600	58.3
090E+030N	1.15	0.18	0.92	0.28	0.13	0.32	0.06	0.29	0.06	0.17	0.02	0.14	0.02	35.2	0.9	< 10	451	79.1
00+90E	1.13	0.18	0.84	0.29	0.11	0.3	0.06	0.29	0.06	0.16	0.02	0.16	0.02	26.5	0.3	< 10	1540	23
90E+30SEL	0.57	0.07	0.31	0.1	0.05	0.1	0.02	0.08	0.02	0.06	< 0.01	0.05	< 0.01	7.9	< 0.1	< 10	101	57.6
90E+60SEL	0.67	0.32	0.45	0.12	0.05	0.15	0.03	0.13	0.03	0.09	0.01	0.09	0.01	5.3	0.1	< 10	113	12.5
90E+90SEL	0.93	0.12	0.58	0.14	0.08	0.19	0.04	0.2	0.04	0.13	0.02	0.11	0.02	7.6	0.2	< 10	112	17.6
90E+120SEL	0.91	0.14	0.69	0.25	0.1	0.25	0.05	0.28	0.06	0.15	0.02	0.13	0.02	3.6	0.5	< 10	284	25.8
060E+150N	1.68	0.29	1.44	0.41	0.19	0.48	0.09	0.51	0.11	0.32	0.05	0.27	0.05	2.4	0.4	< 10	1980	7.5
060E+120N	6.25	1.02	5.21	1.71	0.59	1.79	0.3	1.66	0.31	0.74	0.08	0.53	0.06	3.5	1.8	< 10	1480	45.6
060E+090N	1.55	0.25	1.2	0.32	0.15	0.39	0.06	0.33	0.08	0.2	0.03	0.17	0.02	10.7	0.6	< 10	14400	48.8
060E+060N	1.75	0.26	1.39	0.44	0.19	0.45	0.09	0.56	0.1	0.29	0.04	0.24	0.03	15	0.5	< 10	284	27.9
060E+030N	1.4	0.25	1.22	0.32	0.13	0.37	0.07	0.36	0.08	0.22	0.03	0.19	0.03	4.6	0.4	< 10	8320	61.3
00+60E	8.59	1.47	7.44	2.41	0.87	2.58	0.47	2.87	0.54	1.62	0.22	1.42	0.19	5.5	1	10	586	67.6
060E+30SEL	3.01	0.45	2.05	0.71	0.25	0.75	0.14	0.76	0.14	0.36	0.05	0.3	0.04	10.5	0.7	< 10	358	56.1
060E+60SEL	1.74	0.27	1.17	0.33	0.13	0.38	0.07	0.38	0.08	0.22	0.03	0.23	0.03	9.3	0.4	< 10	3360	35.6
060E+90SEL	0.69	0.09	0.46	0.12	0.05	0.13	0.03	0.13	0.03	0.07	0.01	0.07	< 0.01	52.3	0.1	< 10	1400	32
060E+120SEL	0.62	0.08	0.39	0.13	0.05	0.13	0.02	0.12	0.03	0.08	< 0.01	0.07	0.01	5.2	0.2	< 10	145	21.5
30E+90NEL	3.1	0.5	2.38	0.85	0.36	0.9	0.16	0.94	0.16	0.46	0.06	0.37	0.04	1.7	0.9	< 10	2390	64.3
30E+60NEL	5.12	0.52	1.96	0.57	0.23	0.66	0.11	0.59	0.1	0.23	0.02	0.13	0.01	52.2	0.2	< 10	2910	142
30E+30NEL	1.88	0.26	1.3	0.44	0.18	0.44	0.08	0.51	0.1	0.28	0.04	0.24	0.03	2.3	0.7	< 10	33700	68.3
00+30E	5.42	0.72	2.78	0.68	0.2	0.65	0.11	0.58	0.11	0.3	0.04	0.24	0.03	0.9	0.4	< 10	1000	22.6
30E+030S	3.8	0.48	2.08	0.61	0.22	0.62	0.12	0.72	0.15	0.45	0.07	0.44	0.06	1.2	0.7	< 10	1360	46.2
30E+060S	2.67	0.35	1.59	0.47	0.18	0.51	0.1	0.58	0.14	0.39	0.06	0.4	0.05	< 0.5	0.8	< 10	2270	54.5

Final Report - Results

Activation Laboratories

Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be	Sc	Mn	Rb
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1	10	0.4	0.1
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
30E+090S	1.74	0.2	0.75	0.16	0.09	0.19	0.04	0.18	0.03	0.11	0.01	0.08	0.01	4.4	< 0.1	< 10	141	267
0+150NEL	1.58	0.24	0.99	0.23	0.14	0.24	0.04	0.23	0.05	0.15	0.02	0.11	0.02	0.5	0.5	< 10	1870	70.5
0+120NEL	1.4	0.2	0.85	0.27	0.1	0.26	0.04	0.24	0.05	0.12	0.02	0.1	0.02	1.2	0.3	< 10	270	32.7
0+90NEL	1.59	0.23	1.15	0.33	0.13	0.36	0.06	0.34	0.07	0.21	0.02	0.16	0.02	1.5	0.5	< 10	1470	23.5
0+60NEL	4.14	0.64	2.92	0.95	0.33	0.94	0.16	0.91	0.19	0.5	0.07	0.42	0.05	< 0.5	0.6	< 10	6780	42.6
0+30SEL	4.28	0.67	3.08	1.06	0.39	1.08	0.19	1.16	0.22	0.6	0.09	0.56	0.07	< 0.5	0.6	< 10	313	46.8
0+60SEL	0.54	0.08	0.31	0.11	0.04	0.1	0.02	0.09	0.02	0.05	< 0.01	0.05	< 0.01	< 0.5	< 0.1	< 10	391	33.9
0+90SEL	1.19	0.19	0.88	0.27	0.12	0.29	0.05	0.33	0.07	0.21	0.03	0.2	0.03	0.8	0.4	< 10	135	27.6
30W+150NEL	0.69	0.11	0.44	0.12	0.09	0.14	0.02	0.13	0.03	0.08	0.01	0.07	0.01	3.9	0.5	< 10	855	49.2
30W+120NEL	2.29	0.35	1.71	0.59	0.24	0.65	0.12	0.68	0.13	0.36	0.05	0.32	0.04	1.1	1.2	< 10	3660	44.4
30W+90NEL	3.08	0.52	2.57	0.9	0.34	0.91	0.18	1.04	0.2	0.53	0.08	0.48	0.06	< 0.5	0.2	< 10	1420	46.9
30W+60NEL	1.35	0.19	0.9	0.25	0.11	0.25	0.06	0.34	0.06	0.19	0.03	0.16	0.02	4.1	0.3	< 10	491	40
30W+30NEL	0.93	0.15	0.64	0.2	0.09	0.24	0.04	0.26	0.04	0.12	0.02	0.1	0.02	< 0.5	0.3	< 10	1350	96.4
0+30WEL	1.67	0.27	1.26	0.39	0.19	0.47	0.09	0.5	0.1	0.26	0.03	0.26	0.03	3.1	0.8	< 10	1670	65
30W+30SEL	1.86	0.29	1.47	0.53	0.22	0.56	0.12	0.63	0.12	0.3	0.04	0.27	0.04	3	0.6	< 10	547	132
060W+150N	2.19	0.36	1.68	0.54	0.23	0.56	0.11	0.61	0.12	0.35	0.05	0.35	0.04	< 0.5	0.7	< 10	336	39.5
060W+120N	1.86	0.27	1.41	0.47	0.16	0.43	0.09	0.51	0.1	0.24	0.03	0.21	0.03	< 0.5	0.5	< 10	466	33.1
060W+090N	1.24	0.2	0.98	0.3	0.12	0.3	0.06	0.33	0.07	0.2	0.02	0.18	0.02	< 0.5	0.8	< 10	521	55.9
060W+060N	2.12	0.34	1.64	0.57	0.22	0.62	0.14	0.66	0.12	0.6	0.04	0.29	0.04	< 0.5	0.5	< 10	1280	42.5
060W+030N	1.67	0.24	1.16	0.35	0.15	0.36	0.06	0.38	0.07	0.21	0.03	0.18	0.03	< 0.5	0.9	< 10	1200	84.6
0+60WEL	2.04	0.31	1.43	0.43	0.18	0.44	0.08	0.49	0.1	0.34	0.04	0.31	0.04	< 0.5	0.8	< 10	1970	61.9
060W+20SEL	1.73	0.27	1.37	0.48	0.21	0.55	0.11	0.62	0.12	0.35	0.05	0.3	0.04	< 0.5	0.7	< 10	403	54.5

Analyte Symbol	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
00+180E	102	0.06	126	< 0.5	< 0.5	< 0.5	< 0.5
180E+30SEL	54.7	0.1	71	< 0.5	< 0.5	< 0.5	< 0.5
180E+60SEL	96.6	0.95	191	< 0.5	< 0.5	< 0.5	< 0.5
180E+90SEL	82.8	0.05	90.5	< 0.5	< 0.5	< 0.5	< 0.5
180E+120SEL	256	0.11	216	< 0.5	< 0.5	< 0.5	< 0.5
00+150E	103	0.05	155	< 0.5	< 0.5	< 0.5	< 0.5
150E+030S	178	1.08	289	< 0.5	< 0.5	< 0.5	< 0.5
150E+060S	248	1.64	317	< 0.5	< 0.5	< 0.5	< 0.5
150E+090S	39.6	0.12	39.6	< 0.5	< 0.5	< 0.5	< 0.5
150E+120S	122	0.43	241	< 0.5	< 0.5	< 0.5	< 0.5
150E+150S	287	0.75	280	< 0.5	< 0.5	< 0.5	< 0.5
150E+180S	124	0.18	327	< 0.5	< 0.5	< 0.5	< 0.5
150E+210S	27.1	1.43	102	< 0.5	< 0.5	< 0.5	< 0.5
120E+120NEL	215	0.07	327	< 0.5	< 0.5	< 0.5	< 0.5
120E+90NEL	138	0.05	135	< 0.5	< 0.5	< 0.5	< 0.5
120E+60NEL	283	3.84	312	< 0.5	< 0.5	< 0.5	< 0.5
120E+30NEL	99	0.06	87.6	< 0.5	< 0.5	< 0.5	< 0.5
00+120E	93.4	2.14	118	< 0.5	< 0.5	< 0.5	< 0.5
120E+30SEL	205	0.08	180	< 0.5	< 0.5	< 0.5	< 0.5
120E+60SEL	470	2.46	288	< 0.5	< 0.5	< 0.5	< 0.5
120E+90SEL	155	0.81	206	< 0.5	< 0.5	< 0.5	< 0.5
120E+120SEL	61	1.04	74	< 0.5	< 0.5	< 0.5	< 0.5
120E+150SEL	300	0.04	244	< 0.5	< 0.5	< 0.5	< 0.5
090E+150N	74.6	1.02	187	< 0.5	< 0.5	< 0.5	< 0.5
090E+120N	101	0.32	309	< 0.5	< 0.5	< 0.5	< 0.5
090E+090N	55.8	0.94	83.3	< 0.5	< 0.5	< 0.5	< 0.5
090E+060N	429	0.75	486	< 0.5	< 0.5	< 0.5	< 0.5
090E+030N	234	1.29	273	< 0.5	< 0.5	< 0.5	< 0.5
00+90E	115	0.26	123	< 0.5	< 0.5	< 0.5	< 0.5
90E+30SEL	68.5	0.4	58.4	< 0.5	< 0.5	< 0.5	< 0.5
90E+60SEL	71.4	0.06	64.4	< 0.5	< 0.5	< 0.5	< 0.5
90E+90SEL	109	0.12	104	< 0.5	< 0.5	< 0.5	< 0.5
90E+120SEL	145	0.14	139	< 0.5	< 0.5	< 0.5	< 0.5
060E+150N	256	0.03	429	< 0.5	< 0.5	< 0.5	< 0.5
060E+120N	164	1.04	171	< 0.5	< 0.5	< 0.5	< 0.5
060E+090N	211	0.65	374	< 0.5	< 0.5	< 0.5	< 0.5
060E+060N	52.1	0.62	169	< 0.5	< 0.5	< 0.5	< 0.5
060E+030N	84.1	0.67	132	< 0.5	< 0.5	< 0.5	< 0.5
00+60E	40.5	2.34	101	< 0.5	< 0.5	< 0.5	< 0.5
060E+30SEL	137	1.31	121	< 0.5	< 0.5	< 0.5	< 0.5
060E+60SEL	199	0.36	176	< 0.5	< 0.5	< 0.5	< 0.5
060E+90SEL	112	0.31	103	< 0.5	< 0.5	< 0.5	< 0.5
060E+120SEL	139	0.09	66.5	< 0.5	< 0.5	< 0.5	< 0.5
30E+90NEL	113	1.18	420	< 0.5	< 0.5	< 0.5	< 0.5
30E+60NEL	133	0.75	435	< 0.5	< 0.5	< 0.5	< 0.5
30E+30NEL	211	1.67	248	< 0.5	< 0.5	< 0.5	< 0.5
00+30E	260	0.09	316	< 0.5	< 0.5	< 0.5	< 0.5
30E+030S	101	1.86	184	< 0.5	< 0.5	< 0.5	< 0.5
30E+060S	185	2.97	226	< 0.5	< 0.5	< 0.5	< 0.5

Final Report - Results

Activation Laboratories

Analyte Symbol	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
30E+090S	530	2.67	395	< 0.5	< 0.5	< 0.5	< 0.5
0+150NEL	460	2	601	< 0.5	< 0.5	< 0.5	< 0.5
0+120NEL	163	0.63	354	< 0.5	< 0.5	< 0.5	< 0.5
0+90NEL	63.5	0.8	147	< 0.5	< 0.5	< 0.5	< 0.5
0+60NEL	90.4	0.96	173	< 0.5	< 0.5	< 0.5	< 0.5
0+30SEL	97	1.6	91.5	< 0.5	< 0.5	< 0.5	< 0.5
0+60SEL	142	0.24	69.5	< 0.5	< 0.5	< 0.5	< 0.5
0+90SEL	202	0.18	158	< 0.5	< 0.5	< 0.5	< 0.5
30W+150NEL	299	0.55	578	< 0.5	< 0.5	< 0.5	< 0.5
30W+120NEL	107	0.31	135	< 0.5	< 0.5	< 0.5	< 0.5
30W+90NEL	53.4	0.92	81.3	< 0.5	< 0.5	< 0.5	< 0.5
30W+60NEL	78.3	0.32	169	< 0.5	< 0.5	< 0.5	< 0.5
30W+30NEL	39.2	0.36	117	< 0.5	< 0.5	< 0.5	< 0.5
0+30WEL	181	1.03	201	< 0.5	< 0.5	< 0.5	< 0.5
30W+30SEL	427	1.4	235	< 0.5	< 0.5	< 0.5	< 0.5
060W+150N	61	1.88	138	< 0.5	< 0.5	< 0.5	< 0.5
060W+120N	47.5	0.29	75	< 0.5	< 0.5	< 0.5	< 0.5
060W+090N	115	1.46	224	< 0.5	< 0.5	< 0.5	< 0.5
060W+060N	69.5	0.6	91.6	< 0.5	< 0.5	< 0.5	< 0.5
060W+030N	113	2.3	197	< 0.5	< 0.5	< 0.5	< 0.5
0+60WEL	146	1.7	179	< 0.5	< 0.5	< 0.5	< 0.5
060W+20SEL	220	1.41	206	< 0.5	< 0.5	< 0.5	< 0.5

Final Report - Quality Control

Activation Laboratories

Analyte Symbol	Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	Hg	Th	U	Co	Ni
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	1000	1	1	0.1	0.1	1	0.1	0.01	0.5	0.1	0.005	0.005	0.1	0.01	0.01	0.2	1
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas		1060		53	13.5		32.8	1.46		2.4		0.009	0.3	8.13	11.4	30.6	27
TILL-2 Cert		12200		77000	26000		14000	800		5000		2	70	18400	5700	15000	32000
SO-3 Meas				64.2									1.1			2.7	7
SO-3 Cert				38000									17			8000	16000
150E+120S Orig	62000	63	14	23.7	0.7	3	< 0.1	0.46	< 0.5	< 0.1	< 0.005	< 0.005	0.3	0.21	< 0.01	7.6	15
150E+120S Dup	45000	74	24	52.3	0.9	4	0.1	0.05	< 0.5	< 0.1	< 0.005	< 0.005	0.4	0.27	< 0.01	10.1	22
090E+030N Orig	115000	83	25	39.1	1.1	11	0.6	0.46	< 0.5	< 0.1	0.025	< 0.005	0.2	0.21	< 0.01	14.6	37
090E+030N Dup	113000	77	24	38.1	1	9	0.4	0.45	< 0.5	< 0.1	0.028	0.015	0.2	0.19	< 0.01	14.3	31
0+60SEL Orig	67000	37	6	396	0.5	2	1.2	0.68	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	0.18	< 0.01	15.4	14
0+60SEL Dup	58000	37	6	395	0.5	1	1.1	0.82	< 0.5	< 0.1	< 0.005	< 0.005	0.2	0.2	< 0.01	15.5	15
060W+150N Orig	66000	55	30	43.1	0.6	4	0.3	0.12	< 0.5	< 0.1	0.008	< 0.005	0.1	0.25	< 0.01	7.7	17
060W+150N Dup	45000	54	29	42.4	0.6	5	0.2	0.14	< 0.5	< 0.1	0.007	< 0.005	0.1	0.25	< 0.01	7.4	16
Method Blank Method Blank	< 1000	< 1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.01	< 0.5	< 0.1	< 0.005	< 0.005	< 0.1	< 0.01	< 0.01	< 0.2	< 1

Final Report - Quality Control

Activation Laboratories

Analyte Symbol	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi	Ti	Cr	Y	Zr	Nb	Hf
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	1	5	0.1	0.3	0.05	0.1	0.1	0.01	0.2	0.005	0.5	10	3	0.05	0.1	0.1	0.01
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas	160	106	8.6									870	< 3	27	36.4	3.7	1.19
TILL-2 Cert	150000	130000	31000									5300000	74000	40000	390000	20000	11000
SO-3 Meas	14	15	3.8									270	< 3				
SO-3 Cert	17000	52000	14000									2000000	26000				
150E+120S Orig	41	108	1.4	1.8	< 0.05	< 0.1	1.1	< 0.01	179	0.05	< 0.5	410	< 3	< 0.05	9.1	0.3	0.42
150E+120S Dup	60	109	1.7	4.4	0.14	< 0.1	1.4	0.04	188	0.059	< 0.5	860	< 3	0.22	9.1	1	0.43
090E+030N Orig	40	65	0.8	1.6	0.11	< 0.1	7	< 0.01	0.4	0.316	< 0.5	820	< 3	< 0.05	7	0.4	0.32
090E+030N Dup	33	62	0.9	1.2	0.11	< 0.1	6	0.01	< 0.2	0.361	< 0.5	580	< 3	< 0.05	6	0.4	0.3
0+60SEL Orig	10	121	0.8	1.7	0.06	< 0.1	3	< 0.01	115	0.235	< 0.5	400	< 3	< 0.05	4	0.5	0.19
0+60SEL Dup	8	113	0.8	1.6	< 0.05	< 0.1	2.8	< 0.01	130	0.246	< 0.5	380	< 3	< 0.05	4.6	0.4	0.2
060W+150N Orig	42	36	0.8	0.6	0.07	< 0.1	8.3	< 0.01	< 0.2	0.161	< 0.5	140	< 3	1.07	5.9	0.2	0.28
060W+150N Dup	38	35	0.7	0.5	0.06	0.1	8.1	< 0.01	< 0.2	0.146	< 0.5	140	< 3	0.94	6.2	0.2	0.26
Method Blank Method Blank	< 1	< 5	< 0.1	< 0.3	< 0.05	< 0.1	< 0.1	< 0.01	< 0.2	< 0.005	< 0.5	< 10	< 3	< 0.05	< 0.1	< 0.1	< 0.01

Final Report - Quality Control

Activation Laboratories

Analyte Symbol	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Li	Be
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.1
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas	0.13	21.7	50.4		27.8	6.52	1.52		0.97			3.04		2.98	0.44	13.1	4.2
TILL-2 Cert	1900	44000	98000		36000	7400	1000		1200			3700		3700	600	47000	4000
SO-3 Meas																	
SO-3 Cert																	
150E+120S Orig	< 0.02	0.69	1.52	0.23	1.11	0.29	0.12	0.35	0.07	0.36	0.06	0.21	0.03	0.17	0.02	55.5	0.3
150E+120S Dup	< 0.02	0.84	1.93	0.27	1.34	0.38	0.15	0.42	0.08	0.46	0.09	0.25	0.04	0.2	0.03	6.4	0.6
090E+030N Orig	< 0.02	0.59	1.28	0.2	1.01	0.31	0.14	0.36	0.06	0.3	0.06	0.18	0.02	0.15	0.02	38.2	0.9
090E+030N Dup	< 0.02	0.49	1.03	0.15	0.84	0.25	0.12	0.27	0.05	0.29	0.05	0.16	0.02	0.13	0.02	32.2	0.9
0+60SEL Orig	< 0.02	0.28	0.6	0.09	0.36	0.12	0.04	0.12	0.02	0.1	0.02	0.05	< 0.01	0.05	< 0.01	0.9	< 0.1
0+60SEL Dup	< 0.02	0.24	0.48	0.07	0.26	0.09	0.03	0.08	0.02	0.08	0.01	0.05	< 0.01	0.05	< 0.01	< 0.5	< 0.1
060W+150N Orig	< 0.02	0.9	2.26	0.36	1.74	0.54	0.23	0.58	0.11	0.61	0.12	0.35	0.06	0.32	0.04	< 0.5	0.7
060W+150N Dup	< 0.02	0.89	2.13	0.36	1.62	0.53	0.23	0.54	0.11	0.61	0.12	0.36	0.05	0.39	0.04	< 0.5	0.7
Method Blank Method Blank	< 0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.1

Final Report - Quality Control

Activation Laboratories

Analyte Symbol	Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
Unit Symbol	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Detection Limit	10	0.4	0.1	0.1	0.01	0.5	0.5	0.5	0.5	0.5
Analysis Method	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS	ENZ-MS
TILL-2 Meas	10	7720	212	788	3.69	1510				
TILL-2 Cert	12000	780000	143000	144000	12000	540000				
SO-3 Meas		647	90.9	1000		103				
SO-3 Cert		520000	39000	217000		296000				
150E+120S Orig	< 10	429	24.7	110	0.41	211	< 0.5	< 0.5	< 0.5	< 0.5
150E+120S Dup	< 10	554	26.2	134	0.46	271	< 0.5	< 0.5	< 0.5	< 0.5
090E+030N Orig	< 10	471	82.8	247	1.34	284	< 0.5	< 0.5	< 0.5	< 0.5
090E+030N Dup	< 10	430	75.4	222	1.23	262	< 0.5	< 0.5	< 0.5	< 0.5
0+60SEL Orig	< 10	395	32.7	140	0.24	69.9	< 0.5	< 0.5	< 0.5	< 0.5
0+60SEL Dup	< 10	388	35.1	145	0.25	69	< 0.5	< 0.5	< 0.5	< 0.5
060W+150N Orig	< 10	341	40.3	62.1	1.92	143	< 0.5	< 0.5	< 0.5	< 0.5
060W+150N Dup	< 10	331	38.6	60	1.85	133	< 0.5	< 0.5	< 0.5	< 0.5
Method Blank Method Blank	< 10	< 0.4	< 0.1	< 0.1	< 0.01	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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

Submitted By: Mikkel Schau
Receiving Lab: Canada-Vancouver
Received: August 24, 2009
Report Date: September 01, 2009
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN09003789.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 48

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	47	Sorting of samples on arrival and labeling			VAN
1DX1	47	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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: None Given
Report Date: September 01, 2009

CERTIFICATE OF ANALYSIS VAN09003789.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
00+180E	Soil Pulp	0.6	22.4	6.2	11	0.2	2.0	1.8	63	1.75	<0.5	0.1	117.2	0.3	4	0.1	0.2	0.2	231	0.07	0.016
00+150E	Soil Pulp	1.0	35.6	3.5	16	<0.1	4.4	3.7	66	5.40	2.9	0.1	1.9	0.3	5	0.1	0.2	0.1	289	0.11	0.034
150E+90S	Soil Pulp	<0.1	4.0	2.7	5	<0.1	2.1	1.5	48	0.98	<0.5	<0.1	3.3	0.1	4	<0.1	<0.1	<0.1	128	0.08	0.007
150E+120S	Soil Pulp	1.1	65.0	4.8	30	<0.1	8.8	6.1	129	8.71	3.7	0.1	3.2	0.4	11	<0.1	0.2	0.2	367	0.14	0.034
150E+150S	Soil Pulp	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
150E+180S	Soil Pulp	0.6	21.7	3.8	11	0.1	5.7	3.0	64	3.80	1.2	0.1	0.8	0.5	5	<0.1	0.2	<0.1	229	0.13	0.012
150E+210S	Soil Pulp	0.9	160.3	3.3	38	0.1	24.2	8.0	129	3.49	5.1	0.5	3.4	1.3	5	0.1	0.1	0.1	96	0.21	0.026
120E+120NEL	Soil Pulp	1.3	51.6	5.9	25	0.4	8.9	4.7	225	5.39	4.6	0.2	4.2	0.2	11	0.3	0.3	0.2	399	0.24	0.041
120E+90NEL	Soil Pulp	0.2	12.0	2.9	11	<0.1	4.4	5.4	797	0.71	<0.5	<0.1	1.4	<0.1	21	<0.1	<0.1	<0.1	51	0.21	0.025
120E+60NEL	Soil Pulp	2.1	91.6	5.3	50	0.3	10.1	87.2	1362	3.13	1.0	0.6	9.2	<0.1	16	0.5	0.1	0.1	94	0.26	0.067
120E+30NEL	Soil Pulp	0.8	16.5	4.4	10	0.1	4.8	2.4	62	3.53	0.6	0.1	3.1	0.4	5	<0.1	0.1	0.1	214	0.13	0.013
00+120E	Soil Pulp	1.1	70.7	3.6	21	0.1	7.5	11.2	209	6.58	1.9	0.4	3.6	0.5	5	0.3	0.1	<0.1	170	0.13	0.044
120E+30SEL	Soil Pulp	0.8	37.4	3.1	15	0.2	4.8	3.7	63	3.29	1.3	0.2	3.6	0.2	8	0.2	0.1	0.4	189	0.17	0.036
120E+60SEL	Soil Pulp	0.2	16.2	4.2	21	<0.1	5.2	2.7	306	0.47	0.7	<0.1	<0.5	<0.1	25	0.3	<0.1	<0.1	37	0.77	0.061
120E+90SEL	Soil Pulp	0.7	73.3	4.9	27	0.3	9.0	5.5	86	8.21	2.3	0.2	1.6	0.4	11	0.2	0.2	0.1	334	0.19	0.036
120E+120SEL	Soil Pulp	0.4	64.1	2.5	17	0.1	9.6	4.2	71	3.46	2.4	0.3	2.1	1.3	7	0.2	<0.1	<0.1	118	0.16	0.028
120E+150SEL	Soil Pulp	0.6	20.7	3.8	13	<0.1	6.7	3.4	70	3.19	1.2	0.1	2.5	0.3	8	<0.1	0.1	<0.1	186	0.25	0.014
090E+90N	Soil Pulp	1.4	69.8	3.9	18	0.2	8.3	4.5	114	7.33	3.4	0.2	2.3	0.8	9	0.2	0.2	0.1	220	0.14	0.033
00+90E	Soil Pulp	1.1	45.5	4.3	17	0.2	7.5	4.1	92	7.06	2.3	0.2	2.5	0.6	7	0.2	0.1	0.1	216	0.16	0.034
90E+120SEL	Soil Pulp	0.4	58.4	2.1	14	<0.1	9.4	4.8	76	3.47	2.9	0.3	2.8	1.2	9	0.1	<0.1	<0.1	129	0.25	0.024
060E+150N	Soil Pulp	1.6	53.8	7.8	23	0.5	7.1	4.8	94	5.22	3.7	0.2	2.5	0.4	11	0.2	0.4	0.2	461	0.20	0.026
060E+120N	Soil Pulp	2.4	116.7	4.1	30	0.5	10.5	21.1	343	3.13	21.1	0.9	2.0	0.3	10	0.4	0.2	<0.1	136	0.13	0.048
060E+90N	Soil Pulp	7.3	83.4	8.8	37	0.2	13.1	36.3	1761	11.11	8.5	0.4	0.5	0.5	7	0.9	0.2	0.3	374	0.15	0.079
060E+60N	Soil Pulp	0.7	49.6	3.3	21	0.1	7.5	3.9	67	4.37	2.3	0.3	3.2	0.9	5	0.1	<0.1	<0.1	143	0.13	0.034
060E+30N	Soil Pulp	0.8	47.3	3.7	17	0.1	7.1	4.4	237	3.65	1.3	0.3	1.8	0.7	7	0.2	<0.1	<0.1	152	0.18	0.035
00+60E	Soil Pulp	1.1	93.3	2.7	23	<0.1	12.9	6.9	137	4.67	3.0	0.6	1.3	1.2	8	0.2	<0.1	<0.1	123	0.15	0.025
060E+30SEL	Soil Pulp	1.1	67.9	3.8	22	0.2	10.2	5.5	106	4.23	2.0	0.3	0.9	0.8	7	0.1	0.1	0.1	147	0.20	0.022
060E+60SEL	Soil Pulp	1.1	39.3	6.1	24	<0.1	9.7	7.3	151	5.70	1.6	0.1	0.7	0.4	9	0.2	0.1	0.1	270	0.22	0.027
060E+90SEL	Soil Pulp	0.1	13.2	2.9	10	<0.1	4.4	2.6	82	1.20	<0.5	<0.1	2.2	0.1	5	0.1	0.1	<0.1	111	0.20	0.013
060E+120SEL	Soil Pulp	0.3	13.8	2.4	9	<0.1	3.1	2.3	66	4.27	<0.5	0.1	0.6	0.3	4	<0.1	0.1	<0.1	250	0.09	0.009

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Project: None Given
Report Date: September 01, 2009

CERTIFICATE OF ANALYSIS VAN09003789.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
00+180E	Soil Pulp	2	6	0.05	9	0.233	<20	0.50	0.007	0.02	<0.1	0.05	0.6	<0.1	<0.05	10	<0.5
00+150E	Soil Pulp	1	19	0.12	13	0.310	<20	1.02	0.010	0.02	<0.1	0.06	0.9	<0.1	<0.05	20	<0.5
150E+90S	Soil Pulp	<1	9	0.04	3	0.143	<20	0.23	0.009	<0.01	<0.1	0.02	0.5	<0.1	<0.05	4	<0.5
150E+120S	Soil Pulp	2	27	0.25	20	0.394	<20	1.98	0.012	0.01	<0.1	0.05	1.4	<0.1	<0.05	32	<0.5
150E+150S	Soil Pulp	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
150E+180S	Soil Pulp	2	25	0.13	12	0.373	<20	1.13	0.010	0.01	<0.1	0.07	1.0	<0.1	<0.05	14	<0.5
150E+210S	Soil Pulp	3	63	0.38	19	0.279	<20	8.20	0.022	0.02	0.2	0.16	6.2	<0.1	<0.05	11	2.1
120E+120NEL	Soil Pulp	2	23	0.18	34	0.424	<20	1.23	0.015	0.02	<0.1	0.12	1.5	<0.1	<0.05	21	<0.5
120E+90NEL	Soil Pulp	1	9	0.16	24	0.105	<20	0.50	0.019	0.02	<0.1	0.05	0.6	<0.1	<0.05	5	<0.5
120E+60NEL	Soil Pulp	4	18	0.09	44	0.108	<20	2.63	0.012	0.02	<0.1	0.18	1.5	<0.1	0.06	12	1.4
120E+30NEL	Soil Pulp	2	19	0.10	9	0.315	<20	0.82	0.008	0.01	<0.1	0.04	0.7	<0.1	<0.05	15	<0.5
00+120E	Soil Pulp	3	26	0.14	15	0.217	<20	3.63	0.016	0.02	0.1	0.24	2.3	<0.1	<0.05	15	1.0
120E+30SEL	Soil Pulp	2	14	0.12	17	0.224	<20	1.21	0.016	0.02	0.9	0.10	1.0	<0.1	0.06	14	0.5
120E+60SEL	Soil Pulp	1	5	0.07	39	0.043	<20	0.34	0.021	0.03	0.1	0.20	0.6	<0.1	0.13	2	<0.5
120E+90SEL	Soil Pulp	2	35	0.19	27	0.462	<20	3.08	0.013	0.01	<0.1	0.10	2.6	<0.1	<0.05	29	<0.5
120E+120SEL	Soil Pulp	2	37	0.19	13	0.220	<20	5.75	0.017	0.01	<0.1	0.13	3.4	<0.1	<0.05	10	1.3
120E+150SEL	Soil Pulp	1	21	0.15	13	0.339	<20	0.96	0.013	0.02	<0.1	0.05	0.9	<0.1	<0.05	13	<0.5
090E+90N	Soil Pulp	2	39	0.16	20	0.382	<20	3.20	0.011	0.01	<0.1	0.14	2.7	<0.1	<0.05	22	1.1
00+90E	Soil Pulp	1	35	0.15	15	0.361	<20	2.19	0.018	0.02	<0.1	0.12	1.7	<0.1	<0.05	23	0.8
90E+120SEL	Soil Pulp	1	39	0.20	14	0.293	<20	5.73	0.019	0.01	<0.1	0.11	3.1	<0.1	<0.05	11	0.6
060E+150N	Soil Pulp	2	27	0.10	41	0.546	<20	0.95	0.008	0.02	<0.1	0.09	1.4	<0.1	<0.05	23	0.9
060E+120N	Soil Pulp	3	29	0.11	30	0.216	<20	6.78	0.012	0.01	0.1	0.25	2.3	<0.1	0.06	10	2.4
060E+90N	Soil Pulp	2	39	0.26	34	0.485	<20	2.30	0.013	0.02	<0.1	0.14	1.4	<0.1	<0.05	24	1.0
060E+60N	Soil Pulp	2	44	0.15	17	0.257	<20	3.97	0.013	0.01	<0.1	0.16	3.6	<0.1	<0.05	12	1.2
060E+30N	Soil Pulp	3	32	0.18	13	0.210	<20	2.82	0.016	0.01	<0.1	0.12	2.7	<0.1	<0.05	12	0.7
00+60E	Soil Pulp	3	36	0.30	17	0.291	<20	5.06	0.018	0.02	<0.1	0.07	3.5	<0.1	<0.05	15	0.6
060E+30SEL	Soil Pulp	2	33	0.22	17	0.296	<20	3.49	0.015	0.02	<0.1	0.13	2.0	<0.1	<0.05	14	1.2
060E+60SEL	Soil Pulp	2	34	0.19	18	0.446	<20	1.72	0.015	0.01	<0.1	0.04	1.2	<0.1	<0.05	19	<0.5
060E+90SEL	Soil Pulp	1	12	0.11	10	0.189	<20	0.35	0.014	0.01	<0.1	0.03	0.8	<0.1	<0.05	4	<0.5
060E+120SEL	Soil Pulp	1	22	0.08	4	0.295	<20	0.82	0.009	<0.01	<0.1	0.04	0.7	<0.1	<0.05	16	<0.5

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Project: None Given
Report Date: September 01, 2009

CERTIFICATE OF ANALYSIS VAN09003789.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
30E+90NEL	Soil Pulp	1.2	81.2	3.9	25	0.3	8.5	4.0	107	3.54	2.8	0.3	0.9	0.6	7	0.4	<0.1	0.2	103	0.13	0.049
00+30E	Soil Pulp	5.1	38.2	4.1	18	0.1	8.9	4.6	83	4.36	1.5	0.2	4.5	0.3	10	0.1	0.1	0.1	278	0.20	0.020
0+150NEL	Soil Pulp	2.0	100.8	3.4	32	0.3	17.2	9.9	213	3.01	5.2	0.6	1.4	0.2	24	0.3	0.2	<0.1	90	0.52	0.039
0+120NEL	Soil Pulp	0.4	22.3	3.3	12	0.2	5.6	4.1	82	3.24	<0.5	0.1	2.7	0.2	4	0.3	0.2	0.1	290	0.11	0.015
0+90NEL	Soil Pulp	1.4	79.1	2.6	20	0.2	12.0	4.4	92	4.08	2.5	0.5	4.2	1.2	7	0.1	<0.1	<0.1	114	0.17	0.048
0+60NEL	Soil Pulp	2.4	170.7	5.5	30	0.3	13.3	7.6	276	3.26	3.8	0.5	8.7	0.7	17	0.2	0.1	0.2	108	0.42	0.062
0+30SEL	Soil Pulp	0.8	80.4	2.5	15	0.2	11.5	4.2	75	3.36	2.4	0.6	4.1	0.9	7	0.1	<0.1	<0.1	79	0.17	0.039
0+60SEL	Soil Pulp	0.2	7.1	2.4	6	0.1	3.6	2.4	76	1.42	<0.5	<0.1	1.1	0.3	4	<0.1	0.2	<0.1	164	0.12	0.008
0+90SEL	Soil Pulp	0.4	37.9	4.0	12	<0.1	10.2	4.2	89	5.91	0.8	0.1	2.6	0.6	6	0.1	0.1	<0.1	227	0.21	0.009
30W+120NEL	Soil Pulp	1.6	44.8	4.5	18	0.2	13.5	4.9	121	4.90	2.3	0.3	53.5	0.7	9	0.2	0.1	<0.1	148	0.19	0.040
30W+90NEL	Soil Pulp	1.3	78.7	3.2	16	0.2	8.8	3.8	87	3.46	3.1	0.5	1.9	1.2	6	0.2	0.1	<0.1	104	0.12	0.033
0+30WEL	Soil Pulp	1.4	94.7	2.6	22	0.3	17.4	6.2	128	3.20	3.2	0.4	2.2	0.7	11	0.4	0.1	<0.1	95	0.24	0.029
060W+150N	Soil Pulp	1.9	63.5	4.2	13	0.2	7.3	3.9	73	4.15	1.8	0.5	2.2	1.0	6	0.3	0.1	0.1	169	0.13	0.027
060W+90N	Soil Pulp	2.0	59.9	4.5	16	0.4	9.8	5.3	96	5.98	2.0	0.3	2.1	0.7	9	0.2	0.1	0.1	192	0.19	0.034
060W+60N	Soil Pulp	1.1	54.2	4.2	14	0.4	7.0	3.6	103	5.86	1.5	0.4	2.6	0.8	5	0.1	0.2	<0.1	202	0.16	0.032
060W+30N	Soil Pulp	3.5	61.6	6.0	32	0.2	16.0	8.9	149	4.21	3.1	0.5	1.5	0.4	9	0.2	0.2	0.2	127	0.23	0.028
0+60WEL	Soil Pulp	5.4	58.8	5.4	42	0.1	14.3	9.3	175	4.08	17.1	0.9	2.1	0.4	10	0.2	0.2	0.2	131	0.26	0.023
060W+20SEL	Soil Pulp	0.8	70.3	2.8	15	0.2	10.9	3.9	86	3.55	3.0	0.4	4.0	1.1	9	0.2	0.1	<0.1	113	0.24	0.033

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Project: None Given
Report Date: September 01, 2009

CERTIFICATE OF ANALYSIS VAN09003789.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
30E+90NEL	Soil Pulp	3	39	0.12	42	0.156	<20	6.63	0.009	0.01	0.1	0.29	4.8	<0.1	<0.05	7	2.1
00+30E	Soil Pulp	2	23	0.14	24	0.386	<20	1.25	0.018	0.02	<0.1	0.04	1.1	<0.1	<0.05	16	0.6
0+150NEL	Soil Pulp	4	23	0.28	61	0.156	<20	1.97	0.019	0.02	<0.1	0.09	1.8	<0.1	<0.05	9	1.2
0+120NEL	Soil Pulp	2	18	0.05	17	0.245	<20	0.80	0.007	<0.01	<0.1	0.05	0.8	<0.1	<0.05	8	<0.5
0+90NEL	Soil Pulp	3	61	0.20	20	0.242	<20	7.17	0.017	0.01	<0.1	0.15	5.3	<0.1	<0.05	11	1.5
0+60NEL	Soil Pulp	4	29	0.31	31	0.204	<20	4.40	0.032	0.02	0.1	0.14	4.6	<0.1	<0.05	9	1.2
0+30SEL	Soil Pulp	3	74	0.22	13	0.253	<20	7.38	0.019	0.01	<0.1	0.20	9.4	<0.1	<0.05	10	2.5
0+60SEL	Soil Pulp	2	11	0.07	5	0.243	<20	0.24	0.010	<0.01	<0.1	0.03	0.7	<0.1	<0.05	6	<0.5
0+90SEL	Soil Pulp	2	55	0.24	13	0.431	<20	2.35	0.015	0.02	<0.1	0.04	2.9	<0.1	<0.05	22	0.5
30W+120NEL	Soil Pulp	2	49	0.28	14	0.463	<20	2.11	0.019	0.02	<0.1	0.17	2.4	<0.1	<0.05	17	0.7
30W+90NEL	Soil Pulp	2	50	0.19	12	0.274	<20	5.29	0.015	0.01	<0.1	0.25	4.6	<0.1	<0.05	12	1.1
0+30WEL	Soil Pulp	2	43	0.35	18	0.293	<20	3.71	0.023	0.02	<0.1	0.21	3.8	<0.1	<0.05	11	1.2
060W+150N	Soil Pulp	2	37	0.16	14	0.293	<20	4.09	0.016	0.01	<0.1	0.16	3.3	<0.1	<0.05	17	1.0
060W+90N	Soil Pulp	2	47	0.22	21	0.482	<20	3.03	0.019	0.02	<0.1	0.19	2.6	<0.1	<0.05	21	0.7
060W+60N	Soil Pulp	2	53	0.14	10	0.356	<20	3.22	0.015	0.01	<0.1	0.17	4.0	<0.1	<0.05	19	0.7
060W+30N	Soil Pulp	3	32	0.34	20	0.337	<20	2.08	0.026	0.02	<0.1	0.08	2.1	<0.1	<0.05	15	1.0
0+60WEL	Soil Pulp	3	31	0.30	22	0.305	<20	2.31	0.026	0.02	<0.1	0.07	2.2	<0.1	<0.05	14	1.2
060W+20SEL	Soil Pulp	2	49	0.24	16	0.290	<20	4.94	0.022	0.02	<0.1	0.18	4.6	<0.1	<0.05	12	1.5

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Project: None Given
Report Date: September 01, 2009

QUALITY CONTROL REPORT VAN09003789.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
060E+60N	Soil Pulp	0.7	49.6	3.3	21	0.1	7.5	3.9	67	4.37	2.3	0.3	3.2	0.9	5	0.1	<0.1	<0.1	143	0.13	0.034
REP 060E+60N	QC	0.5	47.4	3.4	23	<0.1	8.1	3.9	69	4.22	2.4	0.3	1.2	0.9	6	0.1	0.1	<0.1	149	0.13	0.032
0+60NEL	Soil Pulp	2.4	170.7	5.5	30	0.3	13.3	7.6	276	3.26	3.8	0.5	8.7	0.7	17	0.2	0.1	0.2	108	0.42	0.062
REP 0+60NEL	QC	2.4	172.0	5.5	31	0.3	13.8	7.4	290	3.22	3.7	0.5	6.2	0.7	18	0.2	0.1	0.2	105	0.40	0.063
Reference Materials																					
STD DS7	Standard	21.0	112.8	71.3	414	0.8	54.2	9.9	636	2.42	53.9	5.1	52.2	4.4	81	6.7	4.2	4.9	80	1.00	0.078
STD DS7	Standard	22.0	113.5	58.1	386	0.8	55.2	9.9	631	2.38	49.6	4.4	52.4	3.7	67	5.5	4.8	4.1	84	0.95	0.074
STD OREAS45PA	Standard	0.9	587.3	17.5	116	0.3	264.8	105.5	1055	16.74	3.9	1.1	42.6	5.9	14	<0.1	0.1	0.2	174	0.22	0.030
STD OREAS45PA	Standard	1.1	656.8	15.4	111	0.3	286.5	108.9	1110	16.91	4.4	0.9	42.3	5.4	13	0.1	0.1	0.1	211	0.22	0.030
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
STD OREAS45PA Expected		0.9	646	19	122	0.3	281	104	1085	16.559	4.2	1.2	49	6.5	14	0.09	0.38	0.18	209	0.222	0.034
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: None Given
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QUALITY CONTROL REPORT VAN09003789.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
060E+60N	Soil Pulp	2	44	0.15	17	0.257	<20	3.97	0.013	0.01	<0.1	0.16	3.6	<0.1	<0.05	12	1.2
REP 060E+60N	QC	2	43	0.15	18	0.257	<20	3.94	0.014	0.01	<0.1	0.17	3.6	<0.1	<0.05	11	0.7
0+60NEL	Soil Pulp	4	29	0.31	31	0.204	<20	4.40	0.032	0.02	0.1	0.14	4.6	<0.1	<0.05	9	1.2
REP 0+60NEL	QC	4	28	0.30	31	0.196	<20	4.39	0.031	0.02	<0.1	0.15	4.3	<0.1	<0.05	9	1.3
Reference Materials																	
STD DS7	Standard	13	200	0.99	430	0.133	40	1.06	0.101	0.47	3.3	0.21	2.6	4.3	0.17	5	3.4
STD DS7	Standard	11	210	0.98	380	0.112	32	1.05	0.097	0.45	3.2	0.20	2.1	3.6	0.19	5	3.9
STD OREAS45PA	Standard	14	714	0.10	168	0.131	<20	2.97	0.010	0.07	<0.1	0.02	40.3	<0.1	<0.05	17	0.6
STD OREAS45PA	Standard	15	939	0.10	175	0.125	<20	3.42	0.010	0.07	<0.1	0.02	37.9	<0.1	<0.05	17	0.9
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
STD OREAS45PA Expected		13.7	873	0.1125	190	0.13		3.23	0.011	0.0665	1.1	0.03	43	0.07	0.03	16.8	0.86
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5