SAMPLING IN THE WEST LAKE AREA

on the

KLONE 5 CLAIM

OMINECA MINING DIVISION

N.T.S. 93-K-14W

Lat.: 54° 54'N Long.: 125° 24'W

by

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1.0 Introduction

In September, 2008 two men spent two days soil sampling using an auger and rock sampling. The soil sampling was conducted on previously sampled lines in order to establish the quality of the 1987 soil sampling and to determine is there was a difference in geochemical values with depth. Soils were collected from the B horizon generally from depths of 30 to 45 cm but on occasion from 60 cm. Soil samples were collected every 25 meters.

Rock samples were collected to determine if soil samples reflect the geochemical signature of the rock outcrops.

A total of 13 soil samples were collected and analysed for 30 elements and Au by ICP-ES. Sixteen rock samples were collected and analysed for 30 elements and Au, Pt, Pd by fire assay ICP-ES.

The sampling was terminated by a blizzard.

2.0 Location and Access

The Mount Sidney Williams property lies 87 km northwest of Fort St. James and is located at co-ordinates 54° 54' N and 125° 24' W on map sheet 93-K-14W (M093K083, 093).

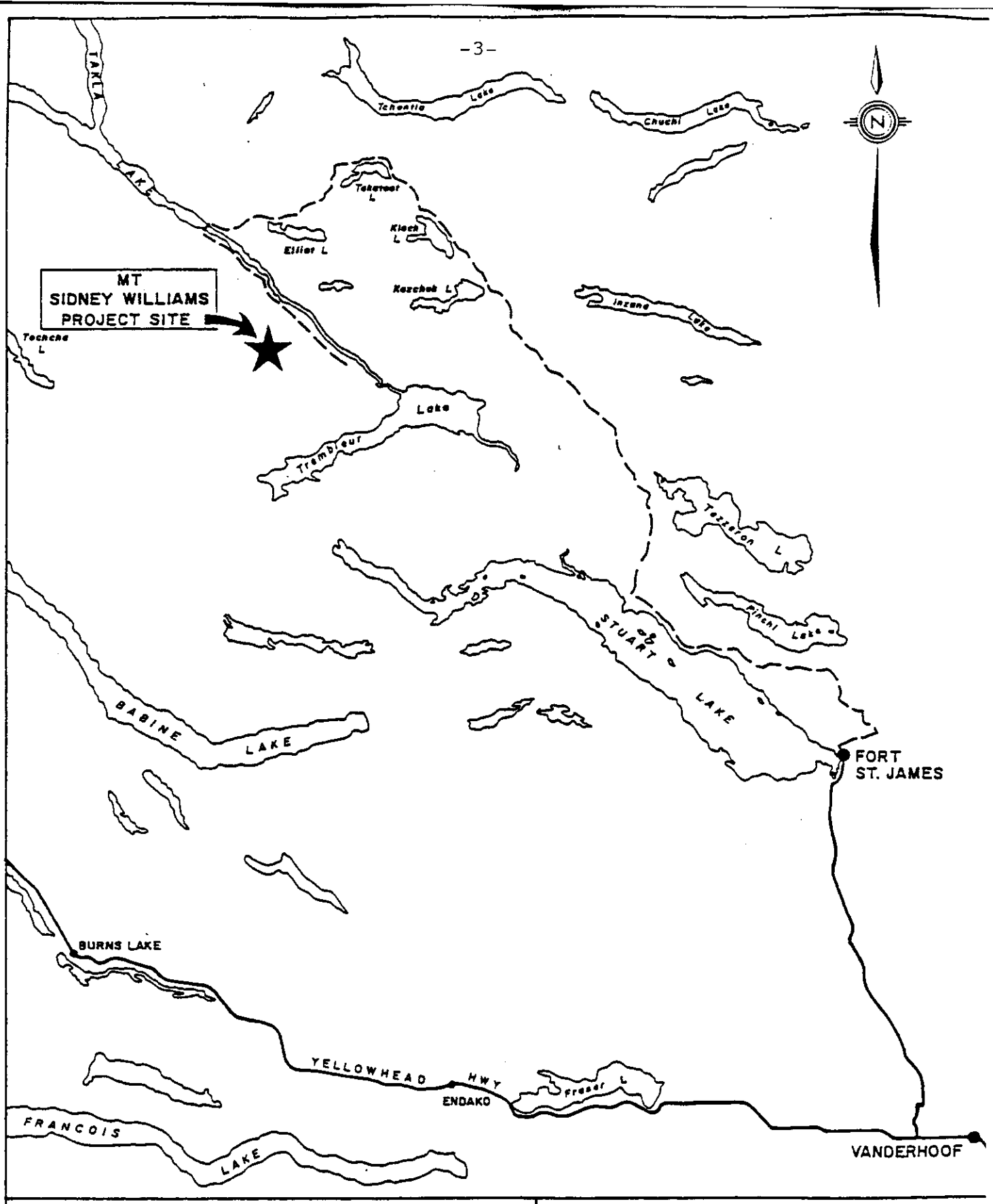
Access to the property is at present by helicopter but good logging roads reach the periphery of most of the property.

3.0 Claim Data

The Mount Sidney Williams property consists of the following claims totalling 56 units:

Claim Name	Record Number	No. of Units
Klone 1	239554	9
Klone 5	239822	16
Klone 6	239823	16
One-Eye 1	239772	15

The Mount Sidney Williams property is located in the Omenica Mining Division.



LEGEND

LOGGING ROAD

PAVED HIGHWAY

0 10 20 30 40 50

kilometres

PROJECT LOCATION MAP

FIGURE 1

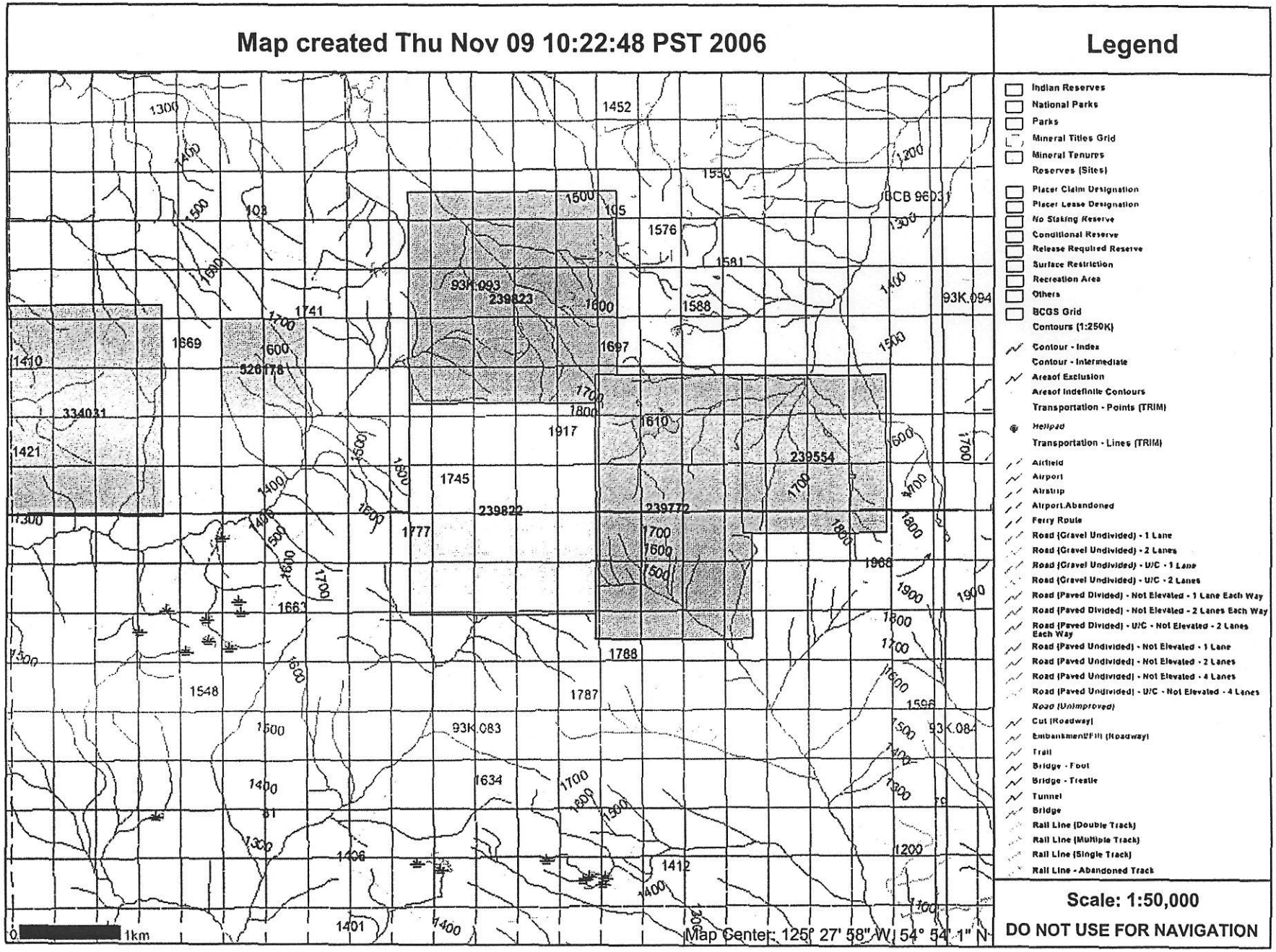


FIGURE 2: CLAIM MAP

4.0 History

The first mention of the Mount Sidney Williams area is made in 1937 when J. E. Armstrong of the GSC did a brief reconnaissance of the Fort St. James area. Mapping by the GSC of the Fort St. James area continued in 1938. During this time, a small placer gold occurrence was being worked on Van Decar Creek. The operation was located below serpentinized peridotite and nuggets of gold valued at $0.50 to $2.00 (1937 prices) were found.

In 1942, the GSC mapped the Mount Sidney Williams area with the prime purpose of locating chromite deposits. Nine chromite occurrences were located in the Middle River Range. Several asbestos occurrences were also located. Prospectors working in the region reported gold values in carbonate-quartz-mariposite and carbonate-talc rocks of altered Trembleur Intrusions along shear zones. One sample of carbonate-quartz-mariposite rock, high in quartz (75%) taken on Baptiste Creek returned values of 0.036 oz/ton gold and 0.07 oz/ton silver.

In 1952, 4 claims called the Nest Group were worked on in the vicinity of the present camp located on Tear Crop Lake. The work consisted of a trench 36.6 meters long, 2.44 meters wide and 0.61 meters deep. The purpose of the trench is unknown but presumably was dug in an attempt to locate asbestos.

In 1961, 4 claims called the Robin claims were located in the vicinity of the Nest Group and the present camp located on Tear Drop Lake. In 1962, the owner Louis Vass attempted to blast a trench in the main asbestos showing at the head-waters of Tear Drop Creek. The showing is described in MMAR 1962. In 1963, Louis Vass drilled 16 holes which were 1.22 to 1.53 meters deep, 4 holes that were 0.61 meters deep presumably with a pack sack drill. He also stripped an area 4.58 meters by 2.44 meters. In 1966, Louis Vass drilled 6 test holes and dug a trench 4.58 meters by 0.92 meters by 0.61 meters. All the work in 1963 and 1966 was concentrated near the camp on Tear Drop Lake.

No mention is made of the Mount Sidney Williams area until 1975 when the Pauline claims located 3.2 km east of the peak of Mount Sidney Williams were worked on. The four claims were examined for chromite.

In 1980, the Cr 1 - 5 claims, owned by Mountaineer Mines were prospected for the chrome potential. In 1982, the Cr 1 - 6 claims owned by Northgane Minerals were worked on. The work consisted of 310 line km of airborne magnetic and VLF-EM surveys.

In 1983, the Mount Sidney Williams ultramafic massif was studied and partially mapped as part of a Ph.D. program to determine the extent and style of chromite and chromitite mineralization.

In 1984, Aume Resources staked the Bap claim located on Baptiste Creek. Work consisted of collecting 41 silt and 9 rock samples.

In 1986, the Mid claim was staked on Baptiste Creek for Lacana Mining. The present Mount Sidney Williams property was staked at various times throughout 1987. To date, the following work has been performed on the property:

rock sampling:	1711 samples
soil sampling:	3286 samples
silt sampling:	205 samples
drilling:	22 holes totalling 1541.4 meters
trenching:	52 meters
IP survey:	11450 meters
Mag/VLF survey:	26150 meters

5.0 Regional Geology

The area of Mount Sidney Williams is underlain by a 15 km wide belt of northwesterly-trending Pennsylvanian and Permian Cache Creek Group rocks consisting of ribbon chert, argillaceous quartzite, argillite, slate, greenstone, limestone with minor conglomerate and greywacke. The Cache Creek Group has been intruded by Upper Jurassic or Lower Cretaceous Omineca Intrusions consisting of granodiorite, quartz diorite, diorite with minor granite, syenite, gabbro and pyroxenite. As well, Post-Middle Permian, Pre-Upper Triassic Trembleur Intrusions consisting of peridotite, dunite, minor pyroxenite and gabbro with serpentinized and steatized equivalents intrude the Cache Creek Group.

The northwesterly-trending belt of Cache Creek Group rocks is bordered on the east by the Pinchi Fault and Upper Triassic Takla Group andesites, basaltic flows, tuffs, breccias and agglomerates with interbedded conglomerate, shale, greywacke and limestone. On the west, the belt is bounded by the Takla Fault, an east-dipping zone up to 5 km wide which contains a melange of serpentine and greenstone. The melange is adjacent to Triassic metamorphosed pyroclastic rocks, basalt, rhyolite, greywacke and argillite of the Sitlika assemblage.

Between the Pinchi Fault and the Takla Fault, the Cache Creek Group of rocks are highly deformed. Three deformational periods have been recognized. The oldest structures are a prominent foliation that parallels compositional layering and trends east-west, marking the axial planes of isoclinal folds. A later structure consists of chevron folds which trend north-south with axial planes dipping moderately westwards. The youngest structures are warps and kinks probably related to late faulting. The Cache Creek Group has been metamorphosed to lower greenschist facies and locally contains glaucophane.

Mineralization in the vicinity of Mount Sidney Williams includes the Mac claims, a porphyry molybdenum deposit, the Bornite claims, a bornite and chalcopyrite showing in dunite, a jade occurrence on O'Ne-ell Creek and several chromite and asbestos showings.

6.0 Property Geology

The Mount Sidney Williams property is underlain by Trembleur ultramafics and Cache Creek Group argillites, volcanics and minor quartzite. All units have been intruded by either diorite, quartz diorite, monzonite or norite. In addition, late Tertiary? ash and basalt have been found in some areas.

6.1 Mid Claim

On the Mid claim, the most easterly portion of the Mount Sidney Williams property, intermittent outcrops of andesitic volcanics, argillite, peridotite, minor diorite, limey quartzite and argillaceous limestone are exposed along a logging road. Large areas of carbonate listwanite and talc alteration have also been exposed.

Andesitic volcanics are the most predominant lithology exposed along the road. The volcanics are a greenish grey in colour, massive with rare 5 mm white feldspar phenocrysts. In some areas they appear to be brecciated.

Argillites are the second most common lithology and are black, massive with thin laminae of recrystallized quartz which was originally siltstone. Occasionally, the argillite is cut by irregular veinlets of white carbonate +/- quartz. In areas of shearing the argillite becomes phyllitic.

One small area of limey quartzite and recrystallized limestone cut by myriads of white carbonate veinlets was noted. Pyritic quartzite float was also seen.

The volcanics and argillite have been intruded by both peridotite and diorite. The diorite exposed along the road appears to be dyke-like but in one area a splay of dykes was noted trending 100°, 130° and 155°/90.

Between the main logging road and Baptiste Creek, a small outcrop of argillite in contact with peridotite was seen. The contact is marked by an east-weat trending shear zone.

Baptiste Creek in underlain by intense listwanite development plus talc with vertical quartz veining and a diorite. Kaolinite alteration and sinter in soils suggest the presence of a fossil hotspring.

An examination of the clear cuts north of Baptiste Creek in 2003 shpwed that this area is underlain by highly serpentinized peridotite and volcanics with minor amounts of listwanite. The most easterly portion of the clear cuts is underlain by highly serpentinized peridotite while the westerly portions are underlain by andesitic volcanics which is the dominant lithology. The contact between the peridotite and volcanics is marked by listwanite.

6.2 East of Van Decar Creek

The upper slopes on the eastern side of Van Decar Creek are dominantly underlain by harzburgite with lesser amounts of dunite, peridotite and altered equivalents of the Trembleu ultramafic massif. Drill core has revealed that the ultramafic is, at least in part, a flow with recognizable flow tops and also containing volcanic rafts. A late stage

dunite forms vertical pipes and small lopoliths pushing layers of harzburgite and dunite apart.

The lower slopes on the eastern side of Van Decar Creek are marked by an intense aeromagnetic low which suggests the presence of an extensive volcanic-sediment package.

The 1994 drilling revealed an extensive package of volcaniclastics with minor limestone, chert and siltstone which have been thrust over the ultramafic. Folding appears to have affected both the volcaniclastics, the ultramafic and possibly the West Zone listwanite.

Norite, usually occurring as east-west trending dykes, and monzonite have been found intruding the ultramafic. A glassy rhyolite? has also intruded the ultramafic in the vicinity of the Camp Zone.

To the north of the ultramafic body and located within Van Decar Creek, black argillite and basalt have been found. The basalt is seen to overlay the argillite and also forms an extensive trail of float down Van Decar Creek.

6.3 West of Van Decar Creek

The dominant lithologies on the west side of Van Decar Creek consist of Cache Creek Group argillites and volcanics which trend 320° and have variable dips subject to faulting. The ultramafics are primarily very altered peridotites with minor dunite. No harzburgite has been seen. The ultramafics are more intensely altered than the ultramafics east of Van DecarCreek.

All rock types on the west side of Van Decar Creek have been intruded by diorite or quartz diorite. No norite has been seen.

A volcanic cone of dacitic composition is located immediately north of West Peak and appears to be responsible for a thick layer of ash covering a substantial area south of West Lake. Black basaltic dykes have been found within the cone.

Examination of outcrop located from airphotos show the Klone 7 claim to be underlain by serpentinized peridotite and andesitic volcanics.

6.4 West Peak Ridge

The dominant lithology of the West Peak Ridge consists of a monotonously uniform grey volcanic striking 320° and is relatively flat-lying. Volcanics were located at the far east end of the ridge and appear to form a wedge between the ultramafics on the west side and the ultramafic of the east side of Van Decar Creek. The volcanic wedge is separated from the ultramafics on the west by a fault zone which trends 020°/90 which parallels the Van Decar fault zone. The contact of the fault is marked by talc alteration and a discontinuous quartz vein. The volcanics are locally intensely epidotized, locally with discontinuous white quartz veining and locally mineralized with pyrrhotite and minor chalcopyrite.

The second most abundant lithology is peridotite which is highly altered to serpentine and less frequently by talc. The peridotite is overlain by the volcanics and minor argillite on the West Peak ridge. Outcrops of peridotite and a tectonic breccia consisting of serpentine boulders in a dark green serpentine-chlorite matrix were found on the south side of West Peak suggesting that the entire West Peak area may be underlain by a flat-lying ultramafic.

A large body at least 400 meters long of medium-grained diorite was also found on the West Peak ridge. The western side of the diorite is marked by a very fine grained, dark greenish grey, highly chloritic phase of the diorite. The diorite is in contact with peridotite and is marked by a zone of pinkish weathering talc. The diorite is also in contact with peridotite at the eastern end of West Peak ridge. This contact is also a fault marked by minor talc alteration and the presence of serpentine tectonic breccia. In the central portion of the diorite which is composed of 70% feldspar and 30% hornblende, the diorite becomes almost black due to secondary? biotite and greatly resembles a lamprophyre. In addition, the central portion of the diorite becomes patchily gneissic-looking due to myriads of parallel white carbonate? veinlets. The diorite is generally not mineralized or alterd significantly.

One area of sucrosic black silicified argillite with numerous white irregular quartz veinlets was also seen. The silicified argillite is separated from strongly quartz-veined volcanics by a north-south trending fault.

Two small outcrops of extremely altered peridotite were also observed. The outcrops are covered with a white "salt" and are extremely vuggy. Both outcrops have the appearance, and are believed to be, small fossil hotsprings.

6.5 Sidney Creek

A traverse of Sidney Creek showed that the creek is underlain dominantly by argillite with minor siltstone. At the headwaters of Sidney Creek, the lithology changes to andesitic volcanics. The argillite is rusty weathering, occasionally contains quartz stringers and is carbonated in the vicinity of narrow felsic dykes. The argillite has variable orientations ranging from 310°/90° to 360°/90°. The felsic dykes are probably dislocated portions of one dyke as one dyke clearly was seen to terminate against a fault. The dykes also occasionally bifurcate and trend 280°/90° to 290°/90°.

Volcanics outcrop at the headwaters of Sidney Creek. One small outcrop of serpentinized argillite trending 290°/80°SW was also seen on Sidney Creek.

The most noteable feature of Sidney Creek is the abundant large boulders of listwanite, quartz and talc throughout the creek bed. Serpentine float is abundant on the north side of the creek while argillite and minor volcanics outcrop on the south side of the creek.

It would appear that Sidney Creek is a large shear zone trending 290°/80° SW?.

7.0 Mineralization

7.1 Listwanites

The most significant mineralization found on the Mount Sidney Williams property consists of very fine grained arsenopyrite and pyrite within the listwanite zones. Elevated gold

values appear to be associated with quartz-rich areas within the listwanites. The quartz occurs as pervasive silicification, pervasive chalcedonic quartz or as veinlets in brecciated listwanite. In the Camp Zone, the sulphides also occur as a black matrix in a brecciated quartz-rich listwanite.

The Stibnite Zone listwanite is also mineralized with very fine grained arsenopyrite and pyrite. The listwanite and an albitized breccia zone also are occasionally mineralized with sub-euhedral stibnite crystals up to 5 cm in length.

There are numerous listwanite zones, most with elevated gold and arsenic values, but the most significant zones are the Upper, Camp and Stibnite Zones.

The listwanite bodies found on the Mid claim are generally devoid of any mineralization but where present consists of pyrite occasionally as coarse grained 1 cm pyrite cubes. Elevated arsenic values indicate the presence of arsenopyrite.

A traverse of Sidney Creek located numerous large boulders of listwanite which were mineralized with pyrite and some arsenopyrite. No significant gold values were encountered.

Mineralization within the listwanite zones are believed to be genetically related to norite or in some cases diorite intrusives. In addition, geochemistry and alteration suggest that recent volcanism may play a part in listwanite development and mineralization.

7.2 Ultramafics

The ultramafics on the Mount Sidney Williams property are host to an assemblage of nickel minerals which include awaruite, heazlewoodite, bravoite and pentlandite. The nickel mineralization is very fine grained and rather uniformly disseminated. Occasionally awaruite o.5 to 1 cm in diameter can be seen in core from drill hole 94-10. The nickel mineralization does not show any lithological preference but a strong reduction in values when talc alteration is present.

Chromite is ubiquitous throughout the ultramafics. High grade chromite pods with 10 to 20% chromite are found in various locations on the Mount Sidney Williams property.

7.3 Volcanics

Generally volcanics are devoid of any mineralization but several areas are mineralized with pyrite, pyrrhotite and/or chalcopyrite. Analyses indicates that at least some of the volcanics have elevated Pt and Pd values.

Almost all the volcanics encountered during sampling in 2002 and 2003 were devoid of any sulphide mineralization. One small area of volcanics located in 2002 was mineralized with very fine grained pyrrhotite. No significant values were obtained from this material. A sample of volcanic wallrock also collected in 2002 and taken near a quartz vein returned a value of 26 ppb Pd.

7.4 Argillite

Generally the argillites are devoid of any mineralization and if any is present it is dominantly pyrite with minor amounts of chalcopyrite in siltstone laminae.

The argillites found south of Sidney Creek, even though they are locally intensely rusty weathering particularly along fractures, showed no discernible sulphides. The argillites did not return any significant values even though previous soil sampling indicated the presence of zinc and copper.

7.5 Quartzites

Quartzites and siltstones are generally devoid of any mineralization. Quartzite float located on the Mid claim is mineralized with 3% sub-euhedral pyrite cubes. Siltstones encountered in drill hole 94-3 are mineralized with nickel.

Minor amounts of siltstone located on Sidney Creek did not show any discernible sulphides even though fractures are coated with strong limonite.

7.6 Intrusives

Generally the norites, diorites and basalts are devoid of any mineralization. Where the norites have been altered by carbonate replacement, arsenopyrite and pyrite are present occurring as very fine grained disseminations. In drill hole

91-1, the arsenopyrite occurs as 2.5 cm diameter nest of acicular arsenopyrite needles in the altered norite. The only mineralization noted in the diorites occurs as a pyritized shear zone located on West Peak ridge and as pyrite replacing hornblende in a dyke encountered in drill hole 94-7. No significant values were encountered in either case.

The felsic dyke located in Sidney Creek showed no discernible sulphides.

8.0 Alteration

8.1 Listwanites

The most visible alteration on the Mount Sidney Williams property consists of a red-orange weathering listwanite which is composed of varying amounts of ferro-dolomite, quartz, mariposite, talc and serpentine. Ferro-dolomite usually forms the major component of the listwanites. Quartz occurs as veinlets which are often vuggy, chalcedony veinlets and as a pervasive replacement of the ferro-dolomite. Mariposite occurs as very fine grained disseminations which imparts a pale green hue to the ferro-dolomite and the pervasively silicified listwanites. Mariposite development along the Baptiste Creek road listwanites is particularly intense forming a bright green selvage along vertical fractures. The listwanite boulders located in Sidney Creek all contain substantial amounts of mariposite.

Twenty listwanite zones have been identified to date. In addition, numerous listwanite lenses have also been found. Listwanite development is both genetically and spatially related to both norite and diorite intrusives and forms a crude mineralogically zoned halo around the intrusives. Most of the listwanites found to date occur within the ultramafics. Some listwanites in the West Peak area are found in volcanics and in one case in limestone. In Sidney Creek, listwanite was seen at the periphery of the felsic dykes and appears to be replacing argillite. Ferro-dolomite has also been seen replacing norite, diorite and the felsic dykes in Sidney Creek.

8.2 Ultramafics

Alteration in the ultramafics consists of varying degrees of serpentinization or talc replacement. The intensity of serpentinization appears to be related to proximity to the norite or diorite intrusives. Generally, peridotite shows the greatest degree of serpentine alteration. Mapping in the West Peak area shows that the ultramafics are more intensely altered by serpentine and talc than the ultramafics east of Van Decar Creek which range from fresh looking to completely serpentinized with no primary textures remaining. All the West Peak ultramafics have very little primary texture remaining and are often not only serpentinized but are also replaced by coarse grained talc. The tectonic breccia located south of West Peak is particularly intensely altered by serpentine with dark green serpentine cobbles in a black matrix of chlorite and serpentine.

No alteration is associated with the nickel mineralization.

8.3 Volcanics

Volcanics generally show only minor alteration consisting of weak chloritization. An exception is a large area on West Peak where the volcanics are intensely epidotized. Volcanics near the Eddy Zone contain garnets and near the Reno Zone fine grained tremolite has been noted. The epidote, garnet and tremolite have been formed locally by granitic intrusives.

Volcanics are occasionally cut by white, shattered bull quartz veins and by blue grey vuggy chalcedony veinlets. The bull quartz veins mark the contact between volcanics and ultramafics.

8.4 Argillites

The argillites are generally unaltered except for silicification and serpentinization which are of a local nature. Silicification ranges from a black sucrosic-looking rock with myriads of white quartz veinlets as on the West Peak to a pale grey totally pervasively silicified material. The argillites in Sidney Creek have been locally replaced by serpentine and carbonate along a fault zone.

9.0 Work Program

In September, 2008 two men flagged and soil sampled 300 meters of line. Stations were established on line 15+00W every 25 meters and soil sampled by using an auger. Thirteen soil samples were collected from the B horizon at depths of 30 to 45 cm but occasionally at 60 cm. All soil samples were analysed for 30 elements and Au by ICP-ES.

Rock samples were collected during the soil sampling. Sixteen rock samples were analysed for 30 elements and Au, Pt, Pd by fire assay ICP-ES.

10.0 Rock Descriptions

Sample No.	Rock Descriptions
128382	Slightly rusty light greenish grey volcanic with rusty fractures and trace vvfg chalcopyrite
128383	Dark greenish black volcanic; NVS
128384	Pale grey rusty sheared carbonated ultramafic; NVS
128384A	Greenish black vfg volcanic with magnetite?; NVS
128385	Dark brown weathering pale greyish green dunite cut by irregular white carbonate veinlet
128386	Orange brown weathering black slightly serpentinized peridotite; trace vvfg disseminated sulphide
128387	Red brown weathering pale greyish green dunite cut by deep red brown streaks with vvfg disseminated sulphide; non-magnetic
128388	Dark brown weathering sheared? ultramafic? with 10% vvfg disseminated sulphide; non-magnetic
128389	Grey limestone on surface; black patches of recrystallized limestone in white calcite? matrix; trace vvfg silvery metallic
128390	Very rusty weathering black peridotite?; trace vvfg disseminated sulphide; non-magnetic
128391	Very rusty weathering black volcanic with trace vvfg chalcopyrite
128392	Medium grey volcanic/pyroxenite with trace vvfg disseminated sulphide and rare rusty patches internally
128393	Medium greenish volcanic with trace vvfg disseminated chalcopyrite
128394	Rusty weathering medium greenish grey volcanic with 0.5% vvfg disseminated yellow sulphide

Sample No.	Rock Descriptions
128395	Blackish red weathering heavily stained volcanic; trace vvfg disseminated yellow sulphide
128396	As above; 0.5% vvfg disseminated sulphide; pyrrhotite?

11.0 Results

Nickel values show a definite increase in values with depth especially in the more boggy areas between 4+50S and 6+00S/15+00W. There does not appear to be any relationship between soil sampling values and rock sample values. Part of this variation can be explained as at 8+25S/14+00W in that the ultramafic is overlain by limestone and volcanics.

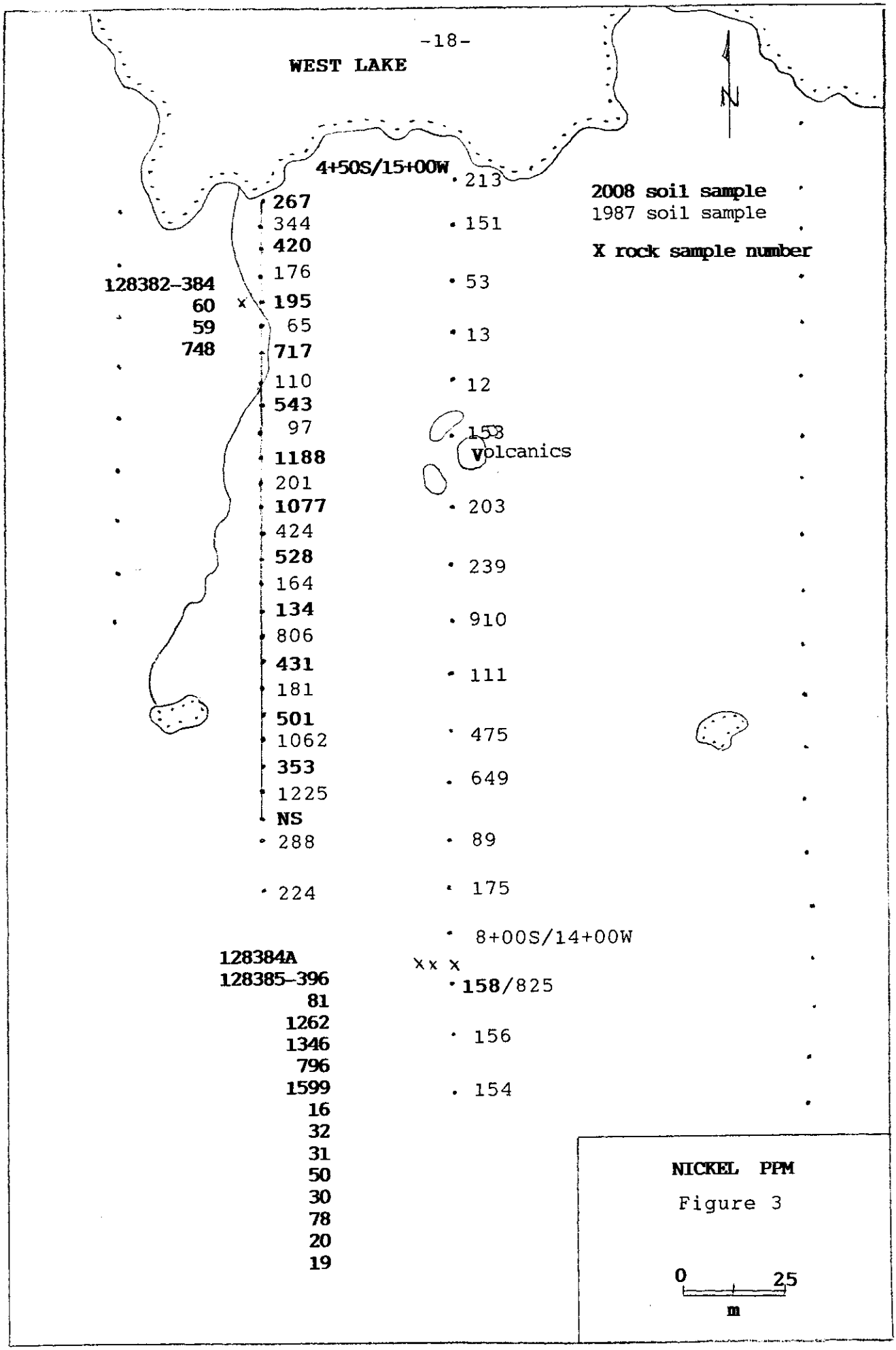
Copper values show only minor changes with depth particularly between 5+25S and 5+75S/15+00W an area with a thick organic layer. There is little correlation between rock sample and soil sample values.

Arsenic shows a fairly dramatic increase in values from 4+50S to 5+50S/15+00W. There is no correlation between soil sample and rock sample values.

Gold values showed no significant changes with depth.

At 8+25S/14+00W a large limestone field occurs as an isolated patch. Although limey sediments have been seen elsewhere on the property, no true limestone as this has been seen. The limestone does not appear to be fault emplaced and is believed to be a platform and algal mat formation. One specimen of a fossil was located in the limestone and is tentatively identified as Verbeekina, a Permian fusulinid.

Rock sampling in general did not located anything of real significance other than elevated nickel in ultramafics and a sample of volcanic which returned a value of 514 ppm Cu.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4+50S/15+00W
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1987 soil sample
X rock sample number
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128382-384
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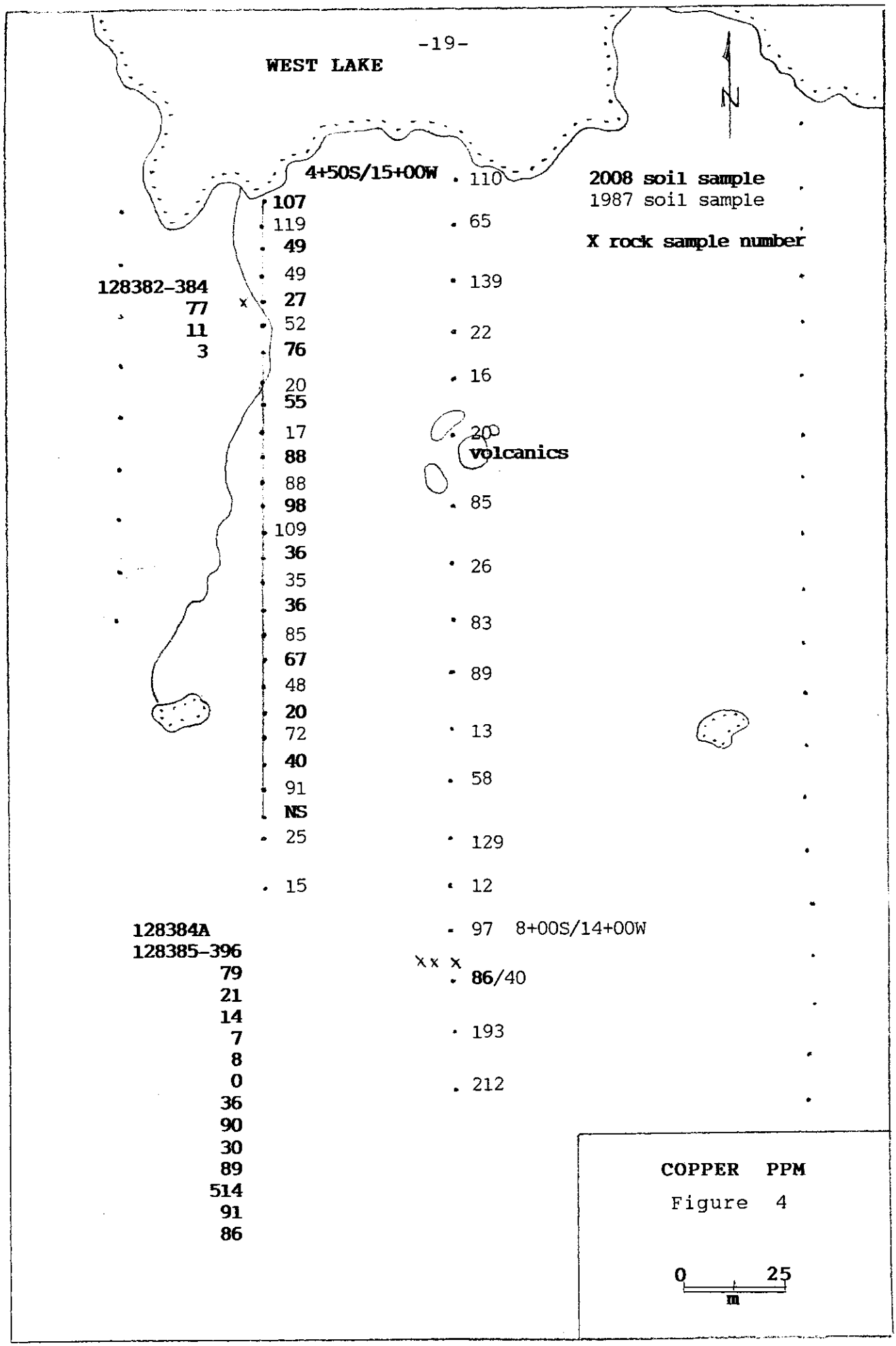
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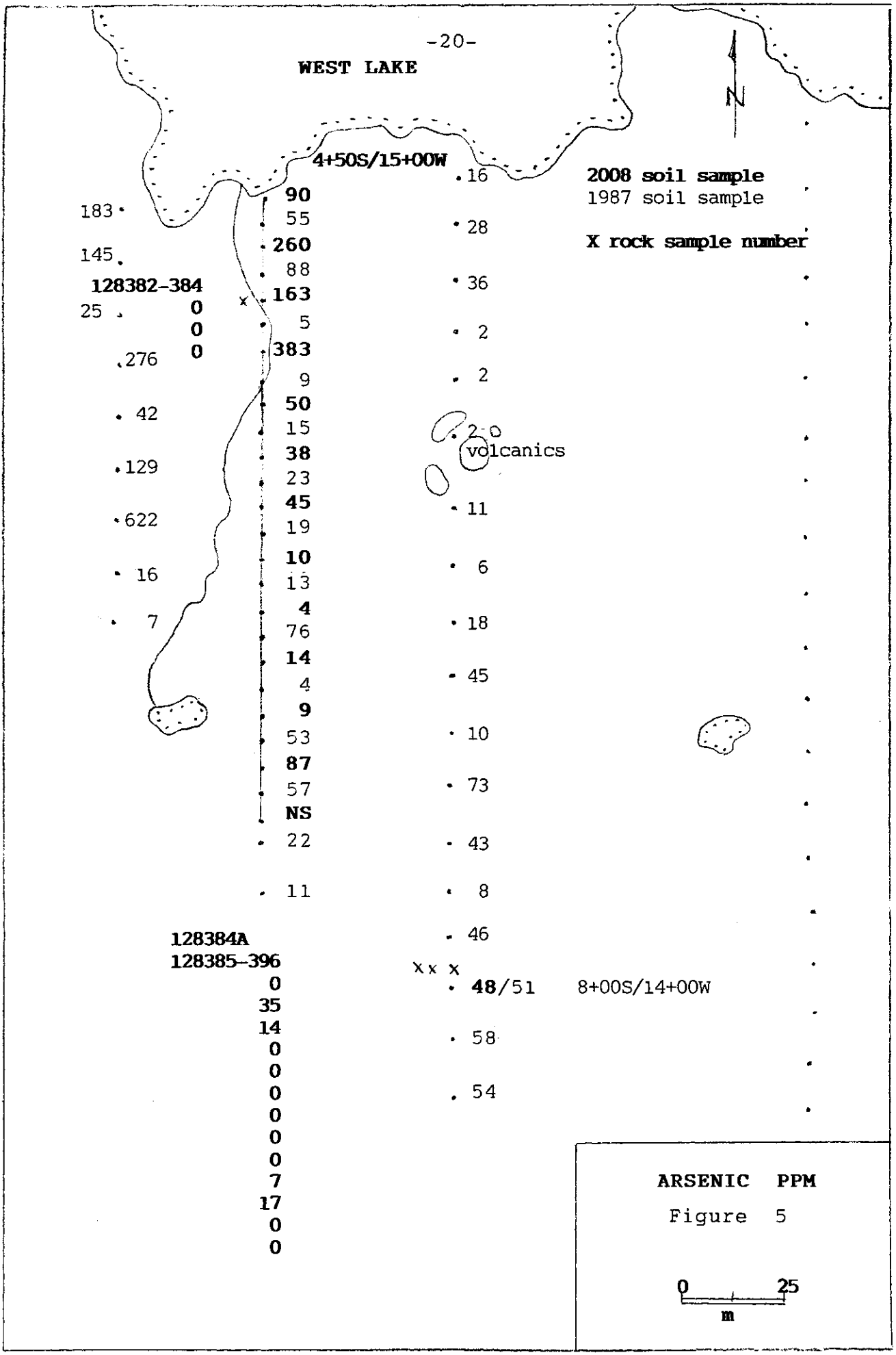
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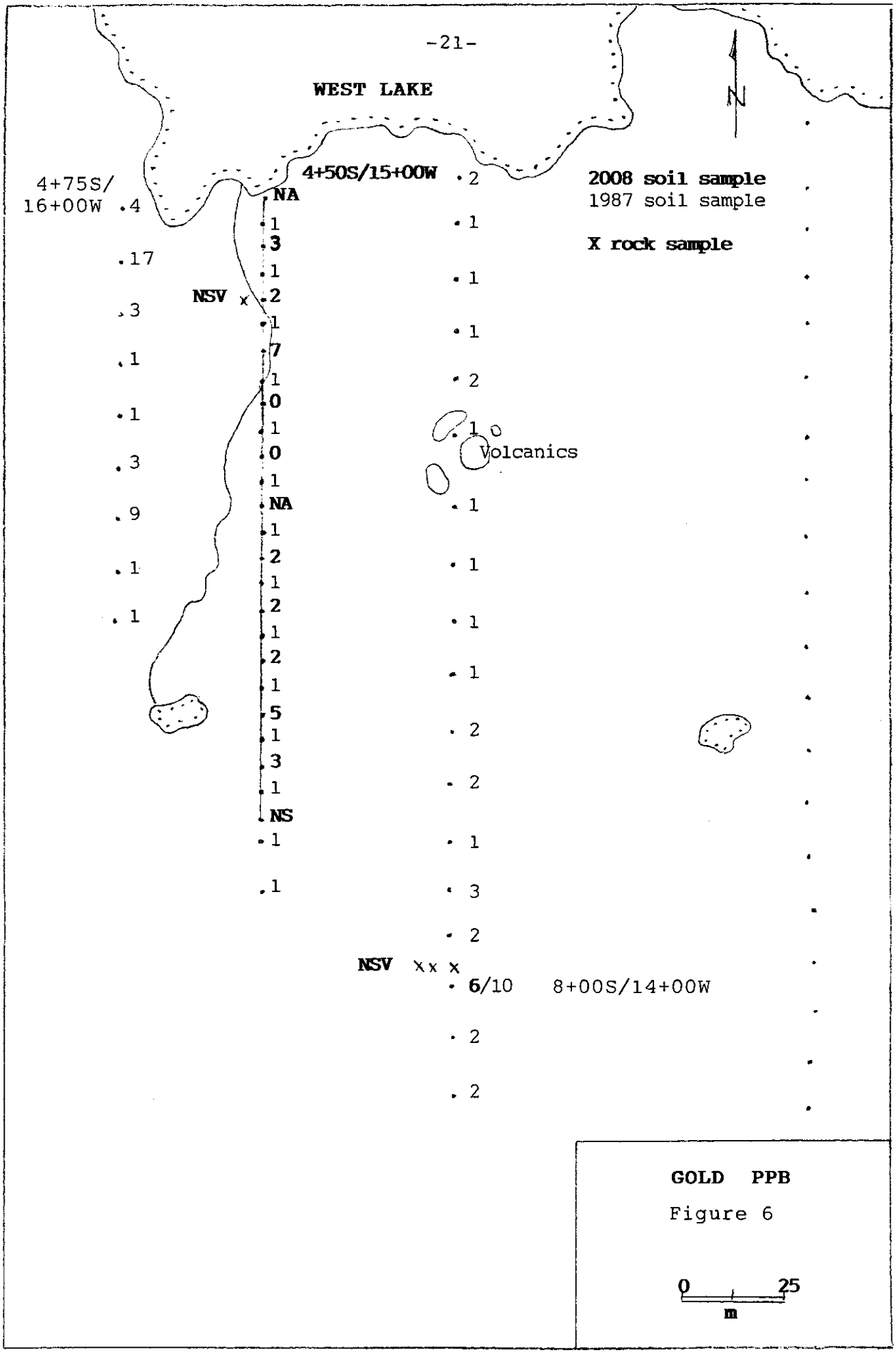
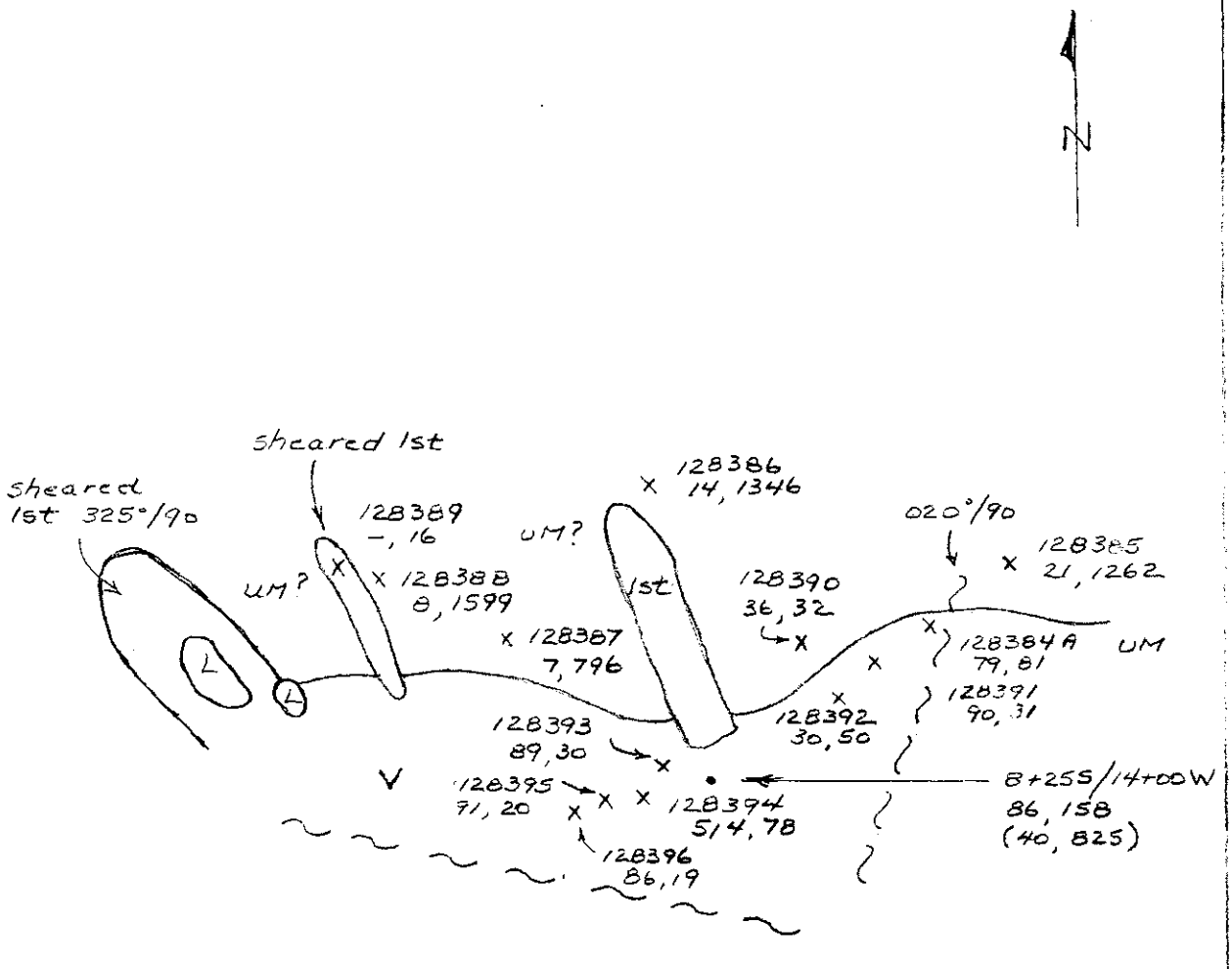

WEST LAKE
N
4+75S/
16+00W
4+50S/15+00W
2008 soil sample
1987 soil sample
X rock sample
NSV
Volcanics
NSV
6/10
8+00S/14+00W
GOLD PPB
Figure 6
0
25
m



X 128394 rock sample no.
514, 78 Cu ppm, Ni ppm

soil sample
L listwanite
1st limestone
V volcanic
UM ultramafic

ROCK SAMPLES
8+25S/14+00W

Cu ppm, Ni ppm

0 20
m

12.0 References

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Assessment Report 26445, Mapping and Sampling on the Mount Sidney Williams Property, by U. Mowat, January 2001.

Assessment Report 26993, Sampling on the Mount Sidney Williams Property, by U. Mowat, October 2002.

Assessment Report 27375, Sampling on the Mid and Klone 7 Claims, by U. Mowat, February 2004.

Assessment Report 27518, Sampling and Grid Preparation on the One-Eye 1 Claim, by U. Mowat, October 2004.

Assessment Report 27605, Sampling on the One-Eye 1 and Klone 1 Claims, by U. Mowat, January 2005.

Assessment Report 28806, Sampling and Grid Preparation on Klone 5 and Klone 6 Claims, by U. Mowat, January 2007.

13.0 Statement of Costs

Helicopter	
3.7 hours at $925.00/hour	$3422.50
421.8 liters at $1.50/liter	632.70
GST	202.77
	$4257.97
Analyses	
13 soil samples analysed for 30 elements by ICP-ES and Au by fire assay ICP-ES (invoice attached)	$ 344.18
16 rock samples analysed for 30 elements and Au, Pt, Pd by ICP-ES (invoice attached)	$ 573.62
Labour	
1 man for 10 days at $550.00/day	$5500.00
1 man for 6 days at $250.00/day	1500.00
	$7000.00
Accommodation	
1 night at $73.45	$ 73.45
3 nights at $73.45/night	220.35
1 night at $77.97	77.97
	$ 371.77
Meals	$ 327.58
Vehicle	
6 days at $55.00/day	$ 330.00
gas	294.95
1970.4 km at $0.50/km	985.20
repairs	409.49
	$2019.64
Freight	$ 37.15
Supplies	$ 297.51
Reproduction	$ 25.00
Phone	$ 1.53
TOTAL	**$15225.95**

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East
Vancouver, BC Canada V6A 4A3
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Mowat, Ursula
1405 - 1933 Robson St.
Vancouver, BC V6G 1E7
Canada

Invoice Date: October 20, 2008
Invoice Number: **VANI015868**
Submitted by: Ursula Mowat
Job Number: VAN08009871
Order Number:
Project Code: MSW
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	SS80	Sieve 100g soil to -80 mesh	13	$2.25	$29.25
2	RJSV	Saving all or portion of soil reject	13	$2.00	$26.00
3	G3B AU 30G	Au by lead collection fire assay ICP ES	11	$13.75	$151.25
4	G1D	0.5g Aqua Regia Digestion ICP-ES	13	$8.50	$110.50
5	STOR-PLP	3 months of pulp storage	13	$0.48	$6.24
6	DIS-PLP	Warehouse disposition of pulps	13	$0.10	$1.30
7	DIS-RJT	Warehouse disposition of reject	13	$0.25	$3.25
			Net Total		$327.79
			Canadian GST		$16.39
			Grand Total	**CAD**	**$344.18**

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 1034123
Bank Transit # 07120-003
Swift Code: ROYCCAT2

For payment in US Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 4001533
Bank Transit # 07120-003
Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East
Vancouver, BC Canada V6A 4A3
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Mowat, Ursula
1405 - 1933 Robson St.
Vancouver, BC V6G 1E7
Canada

Invoice Date: November 6, 2008
Invoice Number: **VANI017261**
Submitted by: Ursula Mowat
Job Number: VAN08009865
Order Number:
Project Code: MSW
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	R150	Crush and Pulverize Rock & Drill Core	16	$6.85	$109.60
2	R150	Overweight prep charges per 100g	35	$0.16	$5.43
3	GEO4	Group 1D + Group 3B(Au, Pt, Pd)	16	$23.00	$368.00
4	STOR-PLP	3 months of pulp storage	16	$0.48	$7.68
5	DIS-PLP	Warehouse disposition of pulps	16	$0.10	$1.60
6	DIS-RJT	Warehouse disposition of reject	16	$0.25	$4.00
7	BATCH	Batch Surcharge for <20 samples	1	$50.00	$50.00
			Net Total		$546.31
			Canadian GST		$27.32
			Grand Total	**CAD**	**$573.62**

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
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Account # 1034123
Bank Transit # 07120-003
Swift Code: ROYCCAT2

For payment in US Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 4001533
Bank Transit # 07120-003
Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

14.0 Statement of Qualifications

1.0 I am a graduate of the University of British Columbia having graduated in 1969 with a Bachelor of Science in Geology.

2.0 I have practiced my profession since 1969 in mineral exploration, oil and gas exploration and coal exploration.

3.0 I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia.

4.0 I have a direct interest in the Star Claims.

Ursula G. Mowat, P. Geo.

Dated this 14th day of January, 2009

at Vancouver, B. C.

ACME ANALYTICAL LABORATORIES LTD.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Mowat, Ursula**
1405 - 1933 Robson St.
Vancouver BC V6G 1E7 Canada

Submitted By: Ursula Mowat
Receiving Lab: Canada-Vancouver
Received: October 01, 2008
Report Date: October 16, 2008
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN08009871.1

CLIENT JOB INFORMATION

Project: MSW
Shipment ID:
P.O. Number
Number of Samples: 13

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
SS80	13	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	13	Dry at 60C		
3B	13	*Fire assay fusion* Au by ICP-ES	30	Completed
1DD	13	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed

ADDITIONAL COMMENTS

Invoice To: Mowat, Ursula
1405 - 1933 Robson St.
Vancouver BC V6G 1E7
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG

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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1405 - 1933 Robson St.
Vancouver BC V6G 1E7 Canada

Project: MSW
Report Date: October 16, 2008

CERTIFICATE OF ANALYSIS VAN08009871.1

	Method	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
4+50S 15+00W	Soil	I.S.	3	107	<3	91	<0.3	267	50	1083	4.95	90	<8	<2	<2	13	1.5	4	<3	116	0.56
4+75S 15+00W	Soil	3	2	49	<3	77	<0.3	420	36	835	6.20	260	<8	<2	<2	9	0.8	<3	<3	124	0.32
5+00S 15+00W	Soil	2	2	27	<3	62	<0.3	195	18	567	3.89	163	13	<2	<2	7	<0.5	<3	<3	112	0.14
5+25S 15+00W	Soil	7	2	76	<3	97	<0.3	717	48	1070	5.89	383	10	<2	<2	14	0.7	<3	<3	118	0.58
5+50S 15+00W	Soil	<2	1	55	<3	107	<0.3	543	47	939	5.99	50	<8	<2	<2	9	0.6	<3	<3	90	0.44
5+75S 15+00W	Soil	<2	<1	88	<3	157	<0.3	1188	47	989	5.79	38	8	<2	<2	11	1.0	<3	<3	82	0.49
6+00S 15+00W	Soil	I.S.	2	98	<3	98	<0.3	1077	63	972	4.97	45	10	<2	<2	10	1.0	<3	<3	84	0.33
6+25S 15+00W	Soil	2	<1	36	<3	90	<0.3	528	33	697	5.13	10	<8	<2	<2	9	0.7	<3	<3	95	0.36
6+50S 15+00W	Soil	2	1	36	<3	75	<0.3	134	33	1193	5.30	4	<8	<2	<2	5	0.8	<3	<3	110	0.23
6+75S 15+00W	Soil	2	<1	67	<3	79	<0.3	431	41	948	5.40	14	<8	<2	<2	10	1.0	<3	<3	101	0.40
7+00S 15+00W	Soil	5	<1	20	<3	53	<0.3	501	55	1081	5.36	9	<8	<2	<2	10	0.9	<3	<3	105	0.32
7+25S 15+00W	Soil	3	<1	40	<3	52	<0.3	353	52	1040	5.03	87	15	<2	<2	8	0.9	<3	<3	106	0.28
8+25S 14+00W	Soil	6	<1	156	<3	104	<0.3	158	32	609	5.73	48	<8	<2	<2	8	0.6	<3	<3	110	0.24

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1405 - 1933 Robson St.
Vancouver BC V6G 1E7 Canada

Project: MSW
Report Date: October 16, 2008

CERTIFICATE OF ANALYSIS VAN08009871.1

		Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
4+50S 15+00W	Soil		0.119	6	311	1.78	61	0.01	<20	2.47	<0.01	0.04	<2
4+75S 15+00W	Soil		0.058	3	513	2.92	45	0.06	<20	2.50	<0.01	0.03	<2
5+00S 15+00W	Soil		0.091	4	261	1.17	64	0.03	<20	1.95	<0.01	0.04	<2
5+25S 15+00W	Soil		0.141	8	541	3.20	88	0.02	<20	2.57	<0.01	0.05	2
5+50S 15+00W	Soil		0.060	4	627	3.04	48	0.06	<20	2.44	0.01	0.03	3
5+75S 15+00W	Soil		0.092	3	589	3.13	44	0.04	<20	2.48	0.01	0.05	<2
6+00S 15+00W	Soil		0.131	10	609	3.43	56	0.03	<20	2.44	<0.01	0.05	<2
6+25S 15+00W	Soil		0.038	3	402	2.43	50	0.26	<20	2.62	0.02	0.04	<2
6+50S 15+00W	Soil		0.059	2	287	1.84	29	0.26	<20	2.12	0.02	0.09	<2
6+75S 15+00W	Soil		0.057	3	420	3.01	50	0.11	<20	2.50	0.02	0.02	<2
7+00S 15+00W	Soil		0.053	5	570	2.90	51	0.10	<20	1.69	<0.01	0.02	<2
7+25S 15+00W	Soil		0.072	4	623	2.09	42	0.06	<20	1.41	<0.01	0.03	<2
8+25S 14+00W	Soil		0.136	3	268	1.96	42	0.06	<20	2.91	0.01	0.05	<2

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Client: **Mowat, Ursula**
1405 - 1933 Robson St.
Vancouver BC V6G 1E7 Canada

Project: MSW
Report Date: October 16, 2008

QUALITY CONTROL REPORT VAN08009871.1

		Method	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																						
5+00S 15+00W	Soil		2	2	27	<3	62	<0.3	195	18	567	3.89	163	13	<2	<2	7	<0.5	<3	<3	112	0.14
REP 5+00S 15+00W	QC		<2																			
6+75S 15+00W	Soil		2	<1	67	<3	79	<0.3	431	41	948	5.40	14	<8	<2	<2	10	1.0	<3	<3	101	0.40
REP 6+75S 15+00W	QC			<1	66	<3	79	<0.3	424	40	937	5.33	14	<8	<2	<2	9	1.1	<3	<3	98	0.38
Reference Materials																						
STD DS7	Standard			19	99	64	396	0.8	53	9	622	2.39	53	10	<2	4	72	5.8	4	4	85	0.93
STD DS7	Standard			18	106	65	393	1.0	52	9	612	2.35	51	<8	<2	4	68	5.9	<3	<3	81	0.91
STD OXE56	Standard		615																			
STD DS7 Expected				21	109	71	411	0.9	56	10	627	2.39	48	5	0.07	4	69	6.4	6	5	86	0.93
STD OXE56 Expected			611																			
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		<2																			

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Client: **Mowat, Ursula**
1405 - 1933 Robson St.
Vancouver BC V6G 1E7 Canada

Project: MSW
Report Date: October 16, 2008

QUALITY CONTROL REPORT VAN08009871.1

		Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
Pulp Duplicates													
5+00S 15+00W	Soil		0.091	4	261	1.17	64	0.03	<20	1.95	<0.01	0.04	<2
REP 5+00S 15+00W	QC												
6+75S 15+00W	Soil		0.057	3	420	3.01	50	0.11	<20	2.50	0.02	0.02	<2
REP 6+75S 15+00W	QC		0.058	3	415	2.99	51	0.10	<20	2.45	0.02	0.02	<2
Reference Materials													
STD DS7	Standard		0.070	11	190	1.04	389	0.11	38	0.99	0.09	0.45	4
STD DS7	Standard		0.071	11	182	1.02	385	0.11	36	0.99	0.09	0.44	4
STD OXE56	Standard												
STD DS7 Expected			0.08	13	163	1.05	370	0.12	39	0.959	0.073	0.44	4
STD OXE56 Expected													
BLK	Blank		<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank												

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Mowat, Ursula**
1405 - 1933 Robson St.
Vancouver BC V6G 1E7 Canada

Submitted By:	*Ursula Mowat*
Receiving Lab:	Canada-Vancouver
Received:	October 01, 2008
Report Date:	November 03, 2008
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN08009865.1

CLIENT JOB INFORMATION

Project:	*MSW*
Shipment ID:	
P.O. Number	
Number of Samples:	16

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	*Code Description*	Test Wgt (g)	Report Status
R150	16	Crush, split and pulverize rock to 200 mesh		
GEO4	16	FA fusion Au Pt Pd; 1:1:1 AR digestion ICP-ES analysis	30	Completed

ADDITIONAL COMMENTS

Invoice To: Mowat, Ursula
1405 - 1933 Robson St.
Vancouver BC V6G 1E7
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN

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

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Mowat, Ursula**
1405 - 1933 Robson St.
Vancouver BC V6G 1E7 Canada

Project: MSW
Report Date: November 03, 2008

CERTIFICATE OF ANALYSIS VAN08009865.1

	Method	WGHT	3B	3B	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3
128382	Rock	1.10	<2	10	12	<1	77	<3	70	<0.3	60	32	1005	5.16	<2	<8	<2	<2	17	1.2	<3
128383	Rock	0.73	<2	<3	<2	<1	11	<3	113	<0.3	59	33	819	5.19	<2	<8	<2	<2	4	1.3	<3
128384	Rock	0.57	<2	<3	<2	1	3	<3	10	<0.3	748	36	463	1.52	<2	<8	<2	<2	839	0.7	<3
128384A	Rock	1.04	<2	<3	<2	<1	79	<3	184	<0.3	81	57	1124	11.15	<2	<8	<2	<2	4	0.9	<3
128385	Rock	1.12	<2	8	<2	<1	21	<3	15	<0.3	1262	56	740	2.34	35	<8	<2	<2	75	0.8	<3
128386	Rock	1.01	<2	8	10	<1	14	<3	31	<0.3	1346	76	270	3.76	14	<8	<2	<2	1	1.0	<3
128387	Rock	1.41	<2	<3	<2	<1	7	<3	18	<0.3	796	40	493	2.11	<2	<8	<2	<2	662	0.9	<3
128388	Rock	0.98	<2	<3	<2	1	8	<3	12	<0.3	1599	74	417	3.00	<2	<8	<2	<2	485	1.2	<3
128389	Rock	1.19	<2	<3	<2	<1	<1	<3	2	<0.3	16	1	76	0.14	<2	<8	<2	<2	749	<0.5	<3
128390	Rock	1.48	<2	4	9	<1	36	<3	14	<0.3	32	8	99	1.04	<2	<8	<2	<2	6	<0.5	<3
128391	Rock	0.70	<2	<3	<2	<1	90	<3	48	<0.3	31	15	694	4.29	<2	<8	<2	<2	14	<0.5	<3
128392	Rock	0.65	<2	<3	<2	<1	30	<3	66	<0.3	50	25	816	5.01	<2	<8	<2	<2	6	0.5	<3
128393	Rock	1.50	6	<3	<2	<1	89	<3	28	<0.3	30	18	324	2.13	7	<8	<2	<2	27	<0.5	<3
128394	Rock	0.75	<2	<3	4	<1	514	<3	57	<0.3	78	38	613	3.59	17	<8	<2	<2	16	0.6	<3
128395	Rock	1.25	<2	<3	<2	<1	91	<3	45	<0.3	20	18	534	4.05	<2	<8	<2	<2	6	<0.5	<3
128396	Rock	1.92	<2	<3	<2	<1	86	<3	23	<0.3	19	12	268	2.75	<2	<8	<2	<2	15	<0.5	<3

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Client: **Mowat, Ursula**
1405 - 1933 Robson St.
Vancouver BC V6G 1E7 Canada

Project: MSW
Report Date: November 03, 2008

CERTIFICATE OF ANALYSIS VAN08009865.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
MDL	3	1	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
128382 Rock	<3	130	1.99	0.018	<1	157	2.81	28	0.11	<20	2.64	0.03	0.07	<2
128383 Rock	5	120	2.62	0.076	<1	58	1.88	15	0.22	<20	2.80	<0.01	<0.01	<2
128384 Rock	10	6	23.15	<0.001	<1	260	3.97	20	<0.01	<20	0.14	<0.01	<0.01	3
128384A Rock	7	218	1.61	0.130	<1	84	3.35	10	0.24	<20	4.76	<0.01	<0.01	<2
128385 Rock	12	18	6.52	<0.001	1	1045	9.58	6	<0.01	<20	0.39	<0.01	<0.01	2
128386 Rock	17	33	0.06	<0.001	1	1164	10.21	9	<0.01	22	0.64	<0.01	<0.01	<2
128387 Rock	15	22	20.44	<0.001	<1	910	7.36	16	<0.01	<20	0.61	<0.01	<0.01	2
128388 Rock	8	16	14.68	<0.001	<1	930	5.94	10	<0.01	<20	0.26	<0.01	<0.01	<2
128389 Rock	<3	4	37.69	<0.001	<1	18	0.35	6	<0.01	<20	0.11	<0.01	<0.01	3
128390 Rock	<3	20	0.50	0.036	1	60	0.35	60	0.16	<20	0.56	0.01	0.17	<2
128391 Rock	<3	79	0.46	0.023	<1	125	2.77	11	0.15	<20	2.60	0.03	0.04	<2
128392 Rock	5	97	0.73	0.070	1	65	2.03	18	0.22	<20	2.61	0.04	0.02	<2
128393 Rock	4	37	1.05	0.037	<1	70	1.01	4	0.17	<20	1.38	0.06	0.02	<2
128394 Rock	4	39	1.61	0.044	<1	113	1.59	19	0.30	<20	2.01	<0.01	<0.01	<2
128395 Rock	4	97	0.89	0.053	<1	34	1.71	7	0.25	<20	2.08	0.12	0.05	<2
128396 Rock	4	45	0.53	0.020	<1	49	0.73	7	0.22	<20	1.15	0.05	0.02	<2

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Vancouver BC V6G 1E7 Canada

Project: MSW
Report Date: November 03, 2008

QUALITY CONTROL REPORT VAN08009865.1

	Method	WGHT	3B	3B	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3
Pulp Duplicates																					
128382	Rock	1.10	<2	10	12	<1	77	<3	70	<0.3	60	32	1005	5.16	<2	<8	<2	<2	17	1.2	<3
REP 128382	QC		<2	8	11																
128392	Rock	0.65	<2	<3	<2	<1	30	<3	66	<0.3	50	25	816	5.01	<2	<8	<2	<2	6	0.5	<3
REP 128392	QC					<1	31	<3	66	<0.3	51	26	824	5.08	<2	<8	<2	<2	6	0.5	<3
Reference Materials																					
STD CDN-PGMS-8	Standard		759	454	1473																
STD CDN-PGMS-8	Standard		795	442	1508																
STD DS7	Standard					18	101	63	405	0.8	50	8	617	2.23	46	<8	<2	4	68	5.5	5
STD DS7	Standard					19	96	64	403	0.9	49	8	584	2.24	47	<8	<2	4	64	5.7	<3
STD DS7	Standard					18	102	63	400	0.8	51	8	624	2.36	51	<8	<2	4	68	5.4	4
STD DS7	Standard					20	102	66	394	0.8	50	8	603	2.36	49	13	<2	3	68	5.2	5
STD FA10R	Standard		462	457	479																
STD FA10R	Standard		444	441	464																
STD DS7 Expected						21	109	71	411	0.9	56	10	627	2.39	48	5	0.07	4	68	6.4	6
STD FA10R Expected			485	472	476																
STD CDN-PGMS-8 Expected			820	440	1500																
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3
BLK	Blank					<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
Prep Wash																					
G1	Prep Blank	<0.01	<2	<3	<2	<1	1	3	67	<0.3	5	4	559	2.00	<2	<8	<2	4	56	<0.5	<3
G1	Prep Blank	<0.01	<2	<3	<2	<1	1	<3	56	<0.3	4	4	524	1.88	<2	<8	<2	3	47	<0.5	<3

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QUALITY CONTROL REPORT VAN08009865.1

		Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		MDL	3	1	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
Pulp Duplicates																
128382	Rock		<3	130	1.99	0.018	<1	157	2.81	28	0.11	<20	2.64	0.03	0.07	<2
REP 128382	QC															
128392	Rock		5	97	0.73	0.070	1	65	2.03	18	0.22	<20	2.61	0.04	0.02	<2
REP 128392	QC		4	97	0.73	0.070	1	66	2.04	16	0.22	<20	2.60	0.04	0.02	<2
Reference Materials																
STD CDN-PGMS-8	Standard															
STD CDN-PGMS-8	Standard															
STD DS7	Standard		5	75	0.86	0.067	10	173	1.04	376	0.11	33	0.98	0.08	0.43	4
STD DS7	Standard		3	76	0.85	0.067	10	174	0.98	369	0.10	32	0.95	0.08	0.43	4
STD DS7	Standard		6	84	0.92	0.070	10	183	1.03	394	0.11	37	0.98	0.08	0.45	3
STD DS7	Standard		<3	81	0.93	0.069	11	185	1.00	390	0.11	36	0.98	0.08	0.45	3
STD FA10R	Standard															
STD FA10R	Standard															
STD DS7 Expected			5	86	0.93	0.08	13	163	1.05	370	0.124	39	0.959	0.073	0.44	4
STD FA10R Expected																
STD CDN-PGMS-8 Expected																
BLK	Blank		<3	<1	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank		<3	<1	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank															
BLK	Blank															
BLK	Blank															
BLK	Blank															
Prep Wash																
G1	Prep Blank		<3	37	0.52	0.078	6	8	0.61	245	0.13	<20	0.98	0.07	0.52	<2
G1	Prep Blank		<3	35	0.49	0.075	5	6	0.57	246	0.12	<20	0.93	0.07	0.52	<2