Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources
GEOLOGICAL SURVEY BRANCH

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
SAMPLING ON THE KLONE 1 AND KLONE 6 CLAIMS	$46109.09

AUTHOR(S) U MOWAT SIGNATURE(S) U Mowat

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) YEAR OF WORK 2012

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 5413154 (OCT 26/2012)

PROPERTY NAME MOUNT SIDNEY WILLIAMS

CLAIM NAME(S) (on which work was done) KLONE 1 (239554) KLONE 6 (239823)

COMMODITIES SOUGHT Ni, Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 43

MINING DIVISION OMENICA NTS 93-K-14W

LATITUDE 54 ° 54 ' ' LONGITUDE 125 ° 24 ' ' (at centre of work)

OWNER(S)

1) U MOWAT 2)

MAILING ADDRESS

1405 - 1933 ROBSON ST
VANCOUVER, BC
V6G 1E7

OPERATOR(S) [who paid for the work]

1) U MOWAT 2)

MAILING ADDRESS

1405 - 1933 ROBSON ST
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V6G 1E7

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

THE PROPERTY IS UNDERLAIN BY ULTRAMAFICS AND CACHE CREEK GROUP VOLCANICS AND ARGILLITES WHICH ARE INTRUDED BY NORITES AND DIORITES. MINERALIZATION CONSISTS OF AURIFEROUS LISTWANITES AND DISSEMINATED AWARUITE.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 5648, 8135, 10286, 11879, 17173, 18089, 20544, 21870, 23569, 25278, 25727, 26062, 26445, 26993, 27375, 27518, 27605, 28806, 30473, 32481

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	33 (35 ELEM + AU)	KLONE 1	32934.88
Silt			
Rock	59 (35 ELEM + AU +/- PT, PD)	KLONE 1, KLONE 6	
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			DONE SIMULTANEOUSLY
Line/grid (kilometres)	1.6 KM FLAGGED	KLONE 1	WITH SAMPLING
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$32934.88

SAMPLING

on the

KLONE 1 and KLONE 6 CLAIMS

Omenica Mining Division

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

Lat.: 54° 54'N Long.: 125° 24'W

by

U. Mowat, P. Geo.

November, 2012

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1.0 Introduction

Between July 11 and September 19, 2012 three men spent five days sampling on the Klone 1 and Klone 6 claims. In July, fifteen rock samples were collected from the Klone 6 claim in an area of outcrop spotted in 2011. The area had never received any exploration. The rock samples were analysed for 35 elements by aqua regia ICP-AES and Pt, Pd, Au by FA ICP. Six rock samples with elevated nickel were selected to test for the possibility of grain size changes during crushing by analysing the +75um and the -75um fractions by aqua regia ICP-AES. In addition, the +75um and the -75um fractions were analysed for nickel solubility by using four acid digestion ICP-AES.

In September, three men spent four days continuing rock sampling on the Klone 6 claim in the area of the new nickel (awaruite) showings and on the Klone 1 claim re-establishing part of the 1988 grid, soil sampling using an auger and rock sampling. Twenty-two rock samples were collected and analysed for 35 elements and Au by aqua regia ICP-AES. On the Klone 1 claim, 600 meters of base line were flagged. One thousand meters of line were flagged and stations marked every 25 meters. Seven hundred seventy-five meters of line was sampled using an auger. Thirty-three soil samples were collected every 25 meters from the "B" horizon at a depth of approximately 30 cm. Soil samples were analysed for 35 elements and Au by aqua regia ICP-AES.

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 msp sheet 93-K-14W (M093K083, 093).

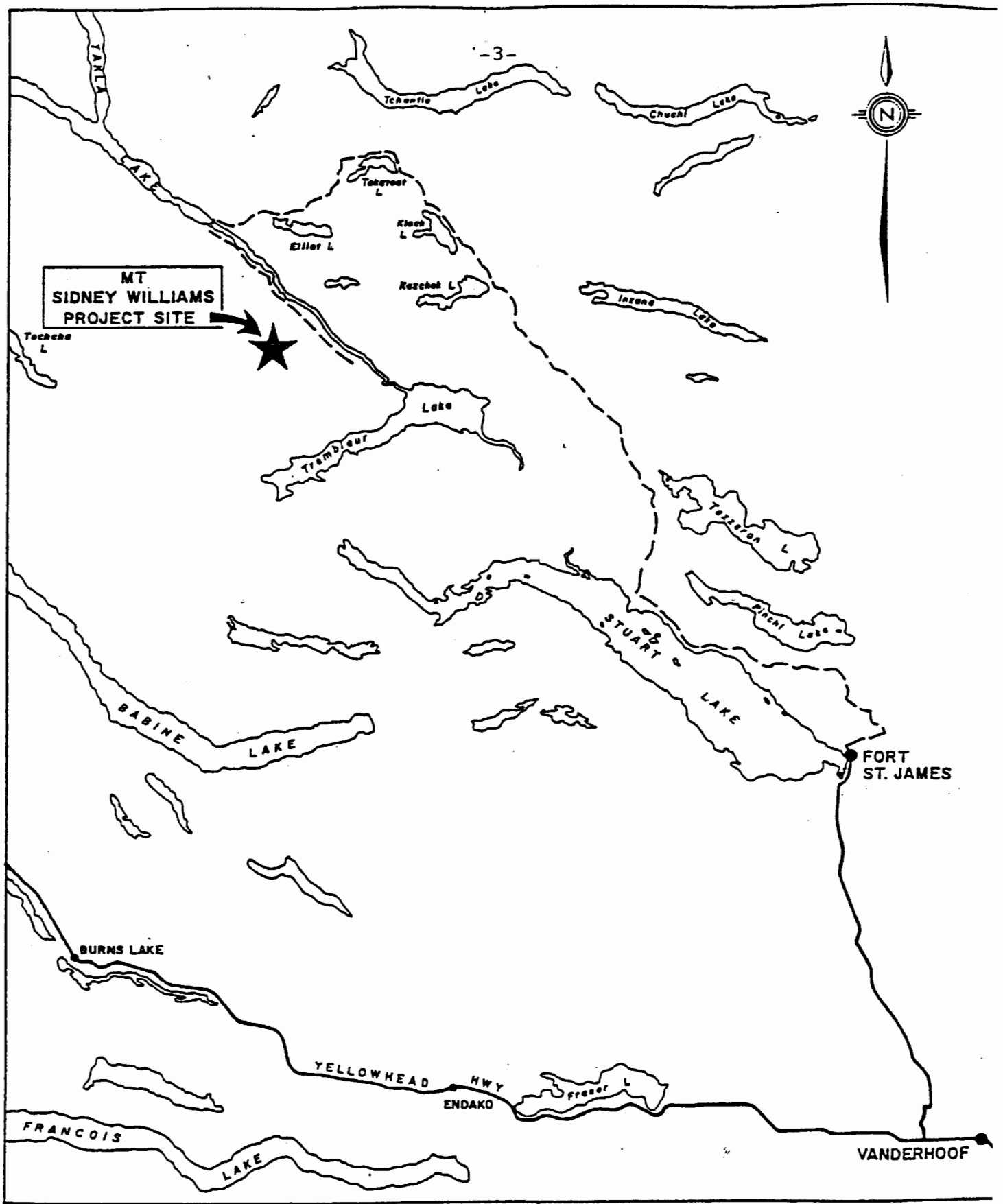
Access to the property is at present by helicopter approximately 30 minutes from Fort St. James.

3.0 Claim Data

The Mount Sidney Williams property consists of four four-post claims totalling 56 units:

Claim Name	Record Number	No. of Units	Area (ha)
Klone 1	239554	9	225
Klone 5	239882	16	400
Klone 6	239823	16	400
One-Eye 1	239772	15	375

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

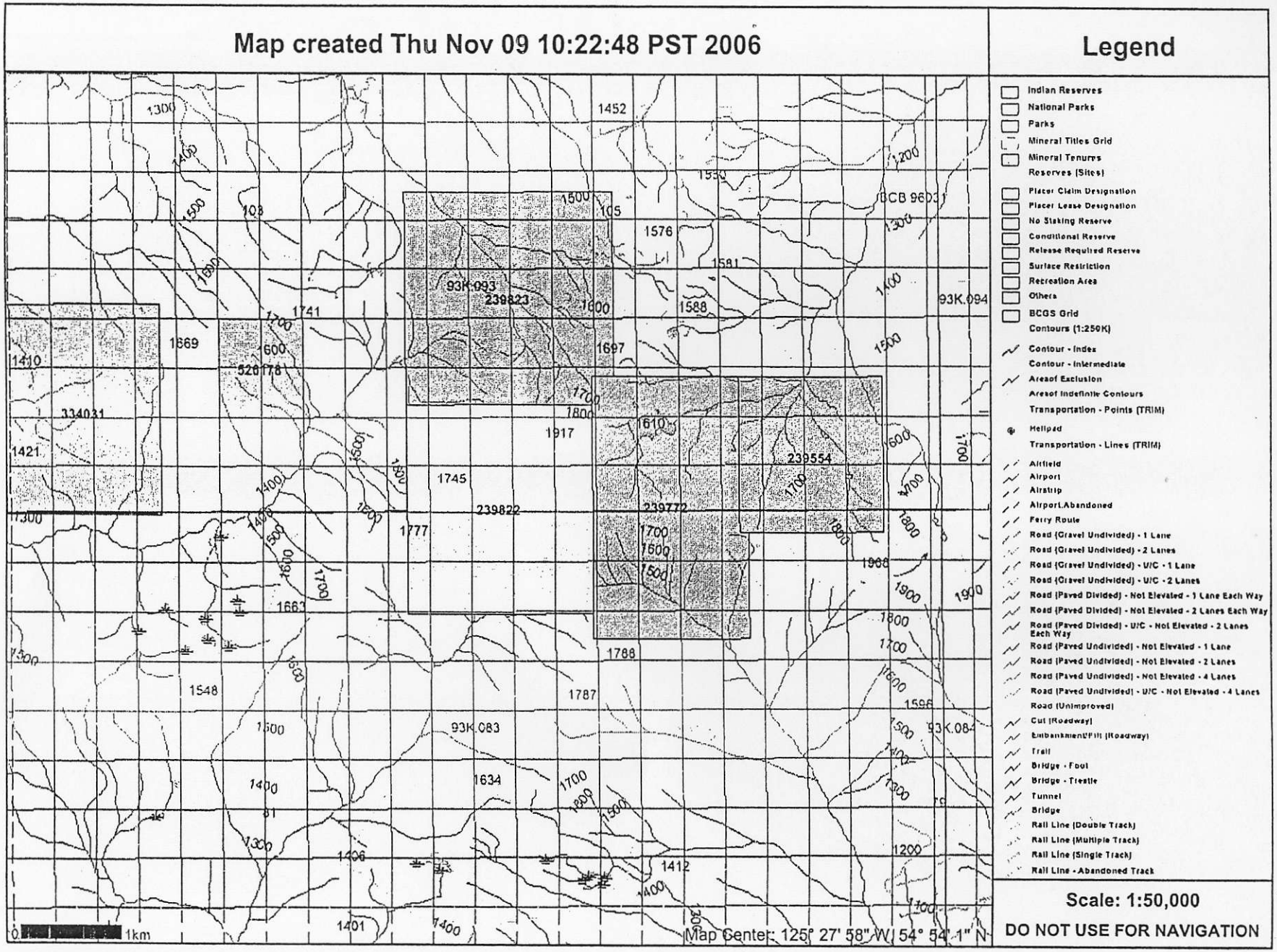


FIGURE 2: CLAIM MAP

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 Tear Drop 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 Tear Drop Lake area. In 1962, the owner Louis Vass attempted to blast a trench in the main asbestos showing at the headwaters 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 and 4 holes that were 0.61 meters deep presumably using 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 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.

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, argillacous quartzites, 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 pryoxenite and gabbro with serpentinized and steatized equivalent intrude the Cache Creek Group.

The northwesterly-trending belt of Cache Creek Group 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? dacitic ash and basalt have been found in some areas.

6.1 East of Van Decar Creek

The Klone 1 claim is dominantly underlain by ultramafics which is primarily serpentinized peridotite with minor harzburgite and dunite. The dunite occurs as a vertical pipe and lopolith which pushes layers of harzburgite apart. Drill core has revealed that the ultramafic is, at least in part, a flow with recognizable flow tops and also containing volcanic rafts. The northern part of the Klone 1 claim is underlain by volcanics, black argillite with minor plugs of basalt. The contact between the volcanics and sediments is marked by intense talc development and can be traced sporadically in an east-west direction. The ultramafic has been intruded by norite and monzonite which form as dykes and plugs and are very irregular in shape and direction but generally trending in an east-west direction.

6.2 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^{o} and have variable dips subject to faulting. The ultramafics are primarily very altered peridotite with minor dunits. No harzburgite has been seen. The ultramafics are more intensely altered than the ultramafics east of Van Decar Creek.

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 intruding the cone.

6.3 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 on 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 the West Peak ridge. This contact is also a fault marked by minor talc alteration and the presence of serpentine 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 gneissic-looking due to myriads of parallel white carbonate veinlets. The diorite is generally no mineralized or altered significantly.

One area of sucrosic black silicified argillite with numerous white irregular quartz veinlets esd slso 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.

6.4 Sidney Creek

A traverse of Sidney Creek showed that the creek is underlain by argillite with minor siltstone. At the headwaters of Sidney Creek, the lithology changes to andesitic volcanics. The argillite is rusty weathering, occasionally containing quartz stringers and is also carbonated in the vicinity of narrow felsic dykes. The argillite has variable orientation 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 fault zone trending 290°/80°SW?.

6.5 Klone 6 Claim

Sampling in 2012 showed that the predominant lithology consists of intensely serpentinized harzburgite and minor serpentinized dunite. The harzburgite weathers to a white "jade-like" rind with a hackly surface of white residual pyrozenite. Fresh surfaces are a blackish green serpentinized matrix with pale grey "talcose" altered pyroxene which have corroded into ovoidal shapes up to 1 cm in length. The lithology is remarkable consistnet and is at least 1.5 km in length and 500 meters in width (limit of 2012 sampling). Governement aeromagnetics suggests that the ultrmafic is much larger in size.

The southern portion of the Klone 6 claim is underlain by volcanics, argillite and quartzite with minor diorite intrusives. It was originally thought that the Black Cat lineament, which cuts diagonally through the central part of the Klone 6 claim and trends northwest to southeast, marked the contact between the volcanic, argillite and quartzites with the ultramafic. However serpentinized harzburgite has been found on both sides of the Black Cat lineament. In addition, breccia has been found in the creek/lineament and consists of rounded cobbles of serpentinized dunite, minor white carbonate fragments and has no to very little matrix. The breccia confirms that the Black Cat lineament is a tectonic feature.

7.0 Mineralization

7.1 Listwanites

Economic mineralization within the listwanites consists of very fine grained arsenopyrite and pyrite and are usually associated with the more quartz-rich areas. The quartz occurs as pervasive silicification, pervasive chalcedonic quartz or as veinlets. In the Camp Zone, the sulphides also occur as a black matrix of sulphides in a brecciated quartz-rich listwanite.

The Stibnote Zone listwanite is also mineralized with very fine grained arsenopyrite but also is mineralized with coarse grained acicular arsenopyrite needles which occur in nests. The listwanite and an albitized breccia zone are occasionally mineralized with sub-euhedral stibnite crystals up to 5 cm in length.

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

Significant gold values have been obtained from the Upper, Zero, Zero South, No Name, Camp and Stibnite Zones.

Mineralization in the listwanite zones appears to be genetically related to norite/diorite intrusives. The gold-bearing listwanites frequently occur at the contact of the intrusives and occasionally within the intrusive.

7.2 Ultramafics

The ultramafics on the Mount Sidney Williams property are host to very fine grained disseminated awaruite. Coarser grained awaruite has been found on the Klone 6 claim and is occasionally visible without a hand lens. Coarse grained awaruite was found in drill hole 94-10 and reached diameters of 0.5 to 1 cm.

7.3 Volcanics

Generally the volcanics are devoid of any mineralization but several areas are mineralized with pyrite, pyrrhotite and minor chalcopyrite. Analyses show some of the volcanics have elevated Pt and Pd values.

7.4 Argillite

Generally argillites are devoid of any mineralization and if any is present it is dominantly pyrite with minor amounts chalcopyrite in the siltstone laminae. One sample of silicified argillite returned a value of 830 ppb Au.

7.5 Quartzites

Quartzites and siltstones are generally devoid of any mineralization. Quartzites in the West Peak area returned very weak gold values. A siltstone encountered in drill hole 94-3 was mineralized with nickel.

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 dissemination. In drill hole 91-1. the arsenopyrite occurs sd 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 economic values were encountered in either case.

8.0 Alteration

8.1 Listwanite

The most visible alteration on the Mount Sidney Williams property consists of a red-orange weathering listwanite which is composed of ferro-dolomite +/- quartz, fuchsite, talc and serpentine. Ferro-dolomite usually forms the major component of the listwanite. Quartz, when present, occurs as veinlets which are often vuggy, chalcedony veinlets and as a pervasive replacement of the ferro-dolomite. Fuchsite occurs as very fine grained disseminations which imparts a pale green hue to the ferro-dolomite and the pervasively silicified listwanite. Listwanite located on the Klone 6 claim is dominantly ferro-dolomite with intense bright green fuchsite development along fractures. The listwanite boulders located in Sidney Creek all contain substantial amounts of fuchsite.

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

8.2 Ultramafics

Alteration in the ultramafics consists of varying degrees of serpentine +/- talc and usually is strongest near norite/diorite intrusives or along structures. Alteration of the ultramafics east of Van Decar Creek ranges from weak to complete serpentinization with no primary texture left. Peridotite usually shows the greatest degreen of alteration while the harzburgite is weakly serpentinized. The ultramafic in the West Peak area is intensely serpentinized and also contains coarse grained talc. No primary textures remain. South of West Peak, the ultramafic is a tectonic breccia and is intensely altered by serpentine with dark green serpentine cobbles in a black matrix of chlorite and serpentine.

The ultramafic on the Klone 6 claim is intensely serpentinized over a large area 1.5 km long and 500 meters wide (limit of sampling). Most of the ultramafic weathers to a white "jade-like" rind and has a hackly surface formed by altered pyroxene crystals. On "fresh" surface the harzburgite has a dark green serpentine matrix with pale grey talc replaced pyroxene crystals.

8.3 Volcanics

Volcanics generally show only minor alteration consisting of weak chlorite. 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 formed locally by granitic intrusives.

At the contact between the volcanics and the ultramafics, massive talc has formed along the contact. Occasionally massive bull quartz has also formed.

8.4 Argillite

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 in the West Peak area to pale grey totally pervasively silicified argillite. The argillites in Sidney Creek have been locally replaced by serpentine and carbonate along a fault.

9.0 Work Program

On July 11, 2012 three men attempted to locate a rather large outcrop noted on the Klone 6 claim in 2011. The outcrop is only visible from the air and in the afternoon sun. The outcrop was located along with several other subdued showings. Fifteen rock samples were collected and analysed for 35 elements by aqua regia ICP-AES and Au, Pt, Pd by FA ICP.

Six rock samples with elevated nickel were selected to test for the possibility of grain size changes during crushing since the nickel mineralization involved is awaruite which is malleable. The samples were analysed using the +75um and -75um fractions by aqua regia ICP-AES. In addition, the +75um and -75um fractions were analysed for nickel solubility by using four acid digestion ICP-AES.

In September, three men spent one day on the Klone 6 claim continuing sampling in the vicinity of 2011 outcrop sighting as once again the afternoon sun had revealed an extensive amount of outcrop from the air. The Black Cat lineament was also examined. Twenty-two rock samples were collected and analysed for 35 elements and Au by aqua regia ICP-AES.

Three days were spent on the Klone 1 claim trying to re-establish the 1988 grid in order to do more detailed mapping and to re-sample some lines by auger. The original sampling (1988) was done by shovel and occasionally shows signs of being very superficial. Six hundred meters of base line was flagged and 1000 meters of line were flagged with stations every 25 meters. Seven hundred seventy-fice meters of line were sampled. Thirty three soil samples were collected every 25 meters from the "B" horizon at a depth of approximately 30 cm. Soil samples were analysed for 35 elements and Au by aqua regia ICP-AES. Twenty-two rock samples were also collected and analysed for 35 elements and Au by aqua regia ICP-AES.

10.0 Sample Descriptions

Sample Number	Description	Ni ppm
37082	Dark green serpentinized peridotite with pale green pyroxene crystals; 0.5% vvfg disseminated awaruite	1795
37083	Dark green serpentinized peridotite with pale green coarse grained pyroxene crystals; 1% vvfg disseminated awaruite	1730
37084	Dark grey peridotite with greenish serpentinized patches and angular patches of greyish coarse grained pyroxene crystals; trace - 0.5% vvfg disseminated awaruite	1570
37085	Dark green serpentinized peridotite with coarse grained pale green pyroxene crystals; 0.5% vvfg disseminated awaruite	1495
37086	Dark grey peridotite with serpentinized patches and coarse grained pale grey green pyroxene crystals; trace - 0.5% vvfg disseminated awaruite and sulphide	1990
37087	Dark greenish grey peridotite with serpentinized patches of olivine; coarse grained pale green grey pyroxene crystals; 0.5% vvfg disseminated awaruite	1385
37088	Dark green highly serpentinized peridotite with coarse grained pale green pyroxene crystals; patches of very rusty cubes (pyrite?); trace vvfg disseminated awaruite	1385
37089	Medium grey to dark green patchily serpentinized peridotite with coarse grained pale grey to pale green pyroxene crystals; 1% vvfg disseminated awaruite; heavy Mn stain on fractures	1810
37090	Dark grey to dark green peridotite patchily serpentinized with coarse grained pale green pyroxene crystals; 1% vvfg disseminated awaruite	1695

Sample Number	Description	Ni ppm
37091	Dark greenish grey somewhat serpentinized peridotite with pale green coarse grained pyroxene crystals; 1% vvfg disseminated awaruite	1805
37092	Brownish weathering extremely weathered coarse grained pyroxenite	1810
37093	Brownish weathering foliated dark grey volcanic?	63
37094	Dark greenish black, highly serpentinized peridotite with pale yellow coarse grained serpentinized pyroxene crystals; trace vvfg disseminated awaruite	1735
37095	Rusty weathering dark greenish black serpentinized peridotite with pale green serpentinized medium grained pyroxene crystals; 0.5% vvfg disseminated awaruite; trace sulphides	1755
37096	Rusty weathering dark greenish grey black serpentinized peridotite with pale to medium green medium grained pyroxene crystals; 1% vvfg disseminated awaruite and pentlandite	1915
37097	Deep brown weathering mottled dark grey and yellow green serpentinized dunite?; 0.5% disseminated vvfg awaruite; weak foliation N10°/90°	1795
37098	Deep brown weathering dense black fresh dunite with localized patches of yellow green serpentine; 1% vfg awaruite; boulder	1660
37099	Deep brown weathering dark greenish grey and black fresh looking dunite with minor yellow green serpentinized patches; minor patches of red brown; 1% vfg disseminated awaruite; boulder field	1245
37100	Dark greenish grey weakly serpentinized dunite; red brown weathering; 0.5% to 1% vvfg to vfg disseminated awaruite	53
37101	Breccia outcrop; very deep brown weathering; medium grey serpentinized dunite? and minor white carbonate fragments in comminutated matrix; cut by 1 cm white carbonate veinlet; trace vvfg disseminated awaruite	573

Sample Number	Description	Ni ppm
37102	Dark greenich black relatively fresh dunite with mottled yellow green serpentine patches; 0.5% - 1% vvfg to vfg disseminated awaruite	1500
37103	White weathering black relatively fresh dunite with numerous yellow green serpentine irregular patches; fractures slickensided; 0.5% to 1% vfg disseminated awaruite	1765
37104	Slightly red brown weathering dark greyish green relatively fresh dunite with yellow green serpentine patches; 0.5% vvfg to vfg disseminated awaruite	1340
37105	Slightly rusty (patchy) dark grey weakly serpentinized dunite with much yellow green serpentine as patches and on slickensided fractures; 0.5% vfg disseminated awaruite	1840
37106	Whitish weathering black relatively fresh dunite with occasionaly yellow green coarse grained (0.5 cm) serpentinized pyroxene crystals; serpentine coated (3 mm) fractures; 0.5% vvfg disseminated awaruite	1875
37107	Mottled dark grey and yellow highly serpentinized dunite?; 0.5% vvfg disseminated awaruite	1910
37108	Knobby weathering harzburgite?; mottled dark grey and yellow green; highly serpentinized; knobs residual pyroxene 1 cm long; trace to 0.5% vvfg disseminated awaruite	1890
37109	Knobby weathering mottle black and yellow green highly serpentinized harzburgite; yellow green patches serpentinized pyroxene 0.5 cm long; 1% vfg disseminated awaruite	1810
37110	As 37109	1705
37111	As 37109	1805
37112	White knobby weathering black relatively fresh dunite with yellow green serpentinized pyroxene (1 cm long) and rare black "fresh" pyroxene; 0.5% vfg dissminated awaruite	1795
37113	As 37112	1825

Sample Number	Description	Ni ppm
37114	White weathering mottle black and yellow green highly serpentinized harzburgite same as 37097 - 37112; 0.5% vfg dissmenated awaruite	1855
37115	White knobby weathering mottled black and yellow green highly serpentinized harzburgite; 0.5% vvfg to vfg dissminated awaruite	1755
37116	White weakly knobby weathering as above; 0.5% vvfg to vfg disseminated awaruite	1840
37117	Brownish weathering black relatively fresh dunite with minor small yellow green serpentine patches; trace vvfg disseminated awaruite	1345
37118	Brown weathering black relatively fresh dunite mottled by irregular yellow green serpentine patches; trace vvfg disseminated awaruite	1460
37119	Rusty weathering listwanite; fresh surface brownish grey with dark grey streaks; NVS	1300
37120	Rusty weathering dark grey fresh dunite; trace vvfg silvery metallic	1960
37121	Rusty weathering dark grey to black fresh dunite with 0.5 cm pale grey pyroxene crystals (serpentinized?); similar to 37120 other than pyroxene crystals; trace vvfg silvery metallic	1815
37122	Rusty weathering dark grey to black fresh dunite with rare 2 - 5 mm pyroxene crystals which are pale green serpentinized; trace vvfg silvery metallic	2360
37123	Rusty weathering pale grey carbonate listwanite; NVS	778
37124	Orange brown knobby weathering dark grey harzburgite; trace vvfg disseminated silvery metallic	2310
37125	Rusty weathering buff carbonate listwanite with greenish patches of weak fuchsite; minor 3 mm irregular white carbonate veinlets; patches of weathered sulphides	726
37126	Rusty weathering dark greyish black carbonated ???	1070

Sample Number	Description	Ni ppm
37127	Rusty weathering knobby dark grey harzburgite with pyroxene crystals up to 0.5 cm; pyroxene pale grey; serpentinized?; no visible metallics	2150
37128	Black very weathered harzburgite with knobby surface and visible pale green serpentinized pyroxene; no visible metallics	2010
37129	Rusty weathering knobby surface; harzburgite; dark grey with pale grey pyroxene crystals up to 0.5 cm; rock generally fresh; trace vvfg disseminated awaruite	2050
37130	Orange-yellow weathering fresh dunite; no visible metallics	2430
37131	Orange weathering buff to medium grey carbonate listwanite; minor quartz; trace fuchsite; 1% black weathered sulphide	1285
37132	Orange weathering pale green and buff quartz-carbonate listwanite; minor quartz and carbonate stringers; 0.5% black weathered sulphide; minor fuchsite	1570
37133	Deep red brown weathering greyish carbonate listwanite; cut by several quartz stringers 2 - 4 mm wide; trace black weathered sulphide	1335
37134	Orange brown weathering buff carbonate-quartz listwanite with much green fuchsite on fractures; cut by numerous white quartz-carbonate veinlets 2 - 4 mm wide; trace black weathered sulphides	1395
37135	Orange weathering buff and pale green quartz-carbonate listwanite; cut by white quartz-carbonate veinlets 4 mm wide; patches of deep green fuchsite; trace black weathered sulphides	1365
37136	Orange brown weathering dark greenish grey very carbonate altered harzburgite; remnant pyroxenes occasionally black or pale bleached grey; patches of red hematite; patches of sucrosic quartz; trace vvfg black weathered sulphides	824

Sample Number	Description	Ni ppm
37137	Orange weathering pale green carbonate listwanite with medium grey patches and remnant fragments; occasional sucrosic quartz patch; minor quartz veinlet 1 - 3 mm wide; trace vvfg black weathered sulphide	1180
37138	Slightly brownish weathering dark grey dunite? trace vvfg sulphide	2080
37139	Deep red brown weathering; outcrop has several phases of alteration: pale green and buff carbonate listwanite with vvfg sulphide and medium grey with yellow buff carbonate patches; NVS	1185
37140	Orange weathering greenish grey carbonate listwanite; sheared; cut by one white quartz veinlet 2 mm wide; NVS	622

11.0 Results

The most significant result of the 2012 sampling was the discovery of a large, 1.5 km long and 500 meter wide, area of serpentinized harzburgite mineralized with disseminated awaruite on the Klone 6 claim. Considering that First Point/ Cliff are actively working on similar type of mineralization in the Mount Sidney Williams area, the 2012 discovery is of economic significance.

Nickel analyses of three rock samples to determine whether there was grain size changes in crushed material indicates that there is no change. However, there is significant changes in nickel values using the four acid digestion method as shown in Table 1.

Sample No.	1	2	3	4	5
37086	1990	1530	1980	2290	2460
37094	1735	1430	1650	2360	1950
37095	1755	1330	1800	2170	2180

Column 1: Original nickel analyses in ppm/aqua regia ICP-AES
Column 2: +75um nickel analyses/aqua regia ICP-AES
Column 3: -75um nickel analyses/aqua regia ICP-AES
Column 4: +75um nickel analyses/four acid digestion
Column 5: -75um nickel analyses/four acid digestion

Rock sampling on the Klone 1 claim in the cirque above Tear Drop Lake showed that the fresh harzburgite/dunite which is the predominant lithologies of the cirque, is mineralized with awaruite. It would appear that serpentinization, as is the case on the Klone 6 claim, is not related the awaruite mineralization.

A comparison of soil sampling using an auger to soil samples taken using a shovel showed that on line 0+00 gold values were higher using the auger in 10 out of 16 samples. Arsenic values remained the same but clearly show that arsenic values become weaker with depth except over listwanite zones. Nickel values increased noticeably using the auger in 12 out of 16 samples.

On line 1+00E, gold values were higher in 10 out of 17 soil samples using the auger; There was no change in arsenic with equal values using the shovel or auger. Nickel values showed a significant increase using the auger with 13 out of 17 samples showing higher values than the soil samples collected with a shovel.

A comparison of the previous soil sampling using the shovel and the auger soil sampling is shown in Figures 3, 4 and 5. The auger sampling suggests that the original soil sampling was superficial in nature.

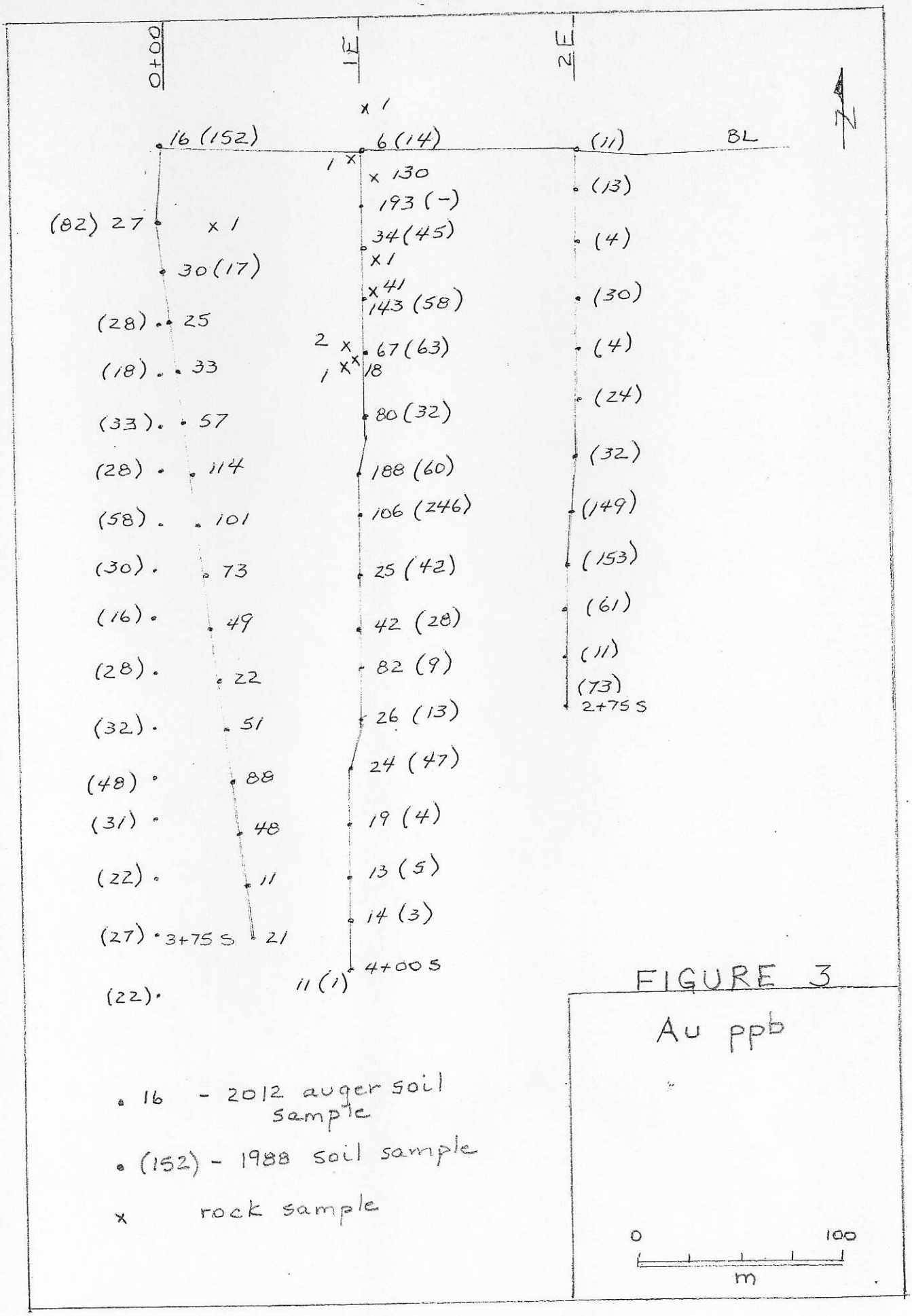


FIGURE 3

Au ppb

0 100

m

• 16 - 2012 auger soil sample

• (152) - 1988 soil sample

x rock sample

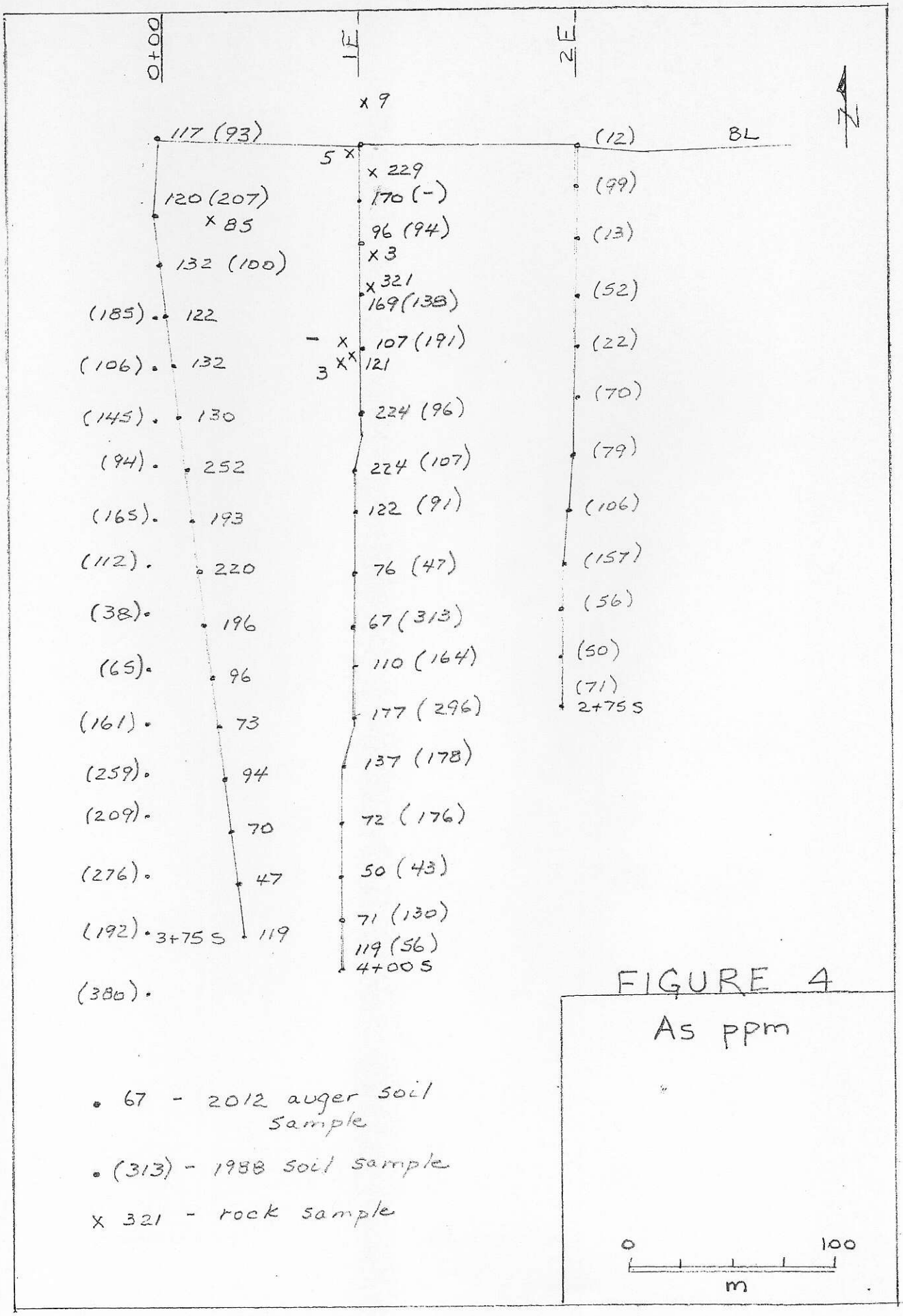


FIGURE 4

As ppm

- 67 - 2012 auger soil sample
- (313) - 1988 soil sample
- x 321 - rock sample

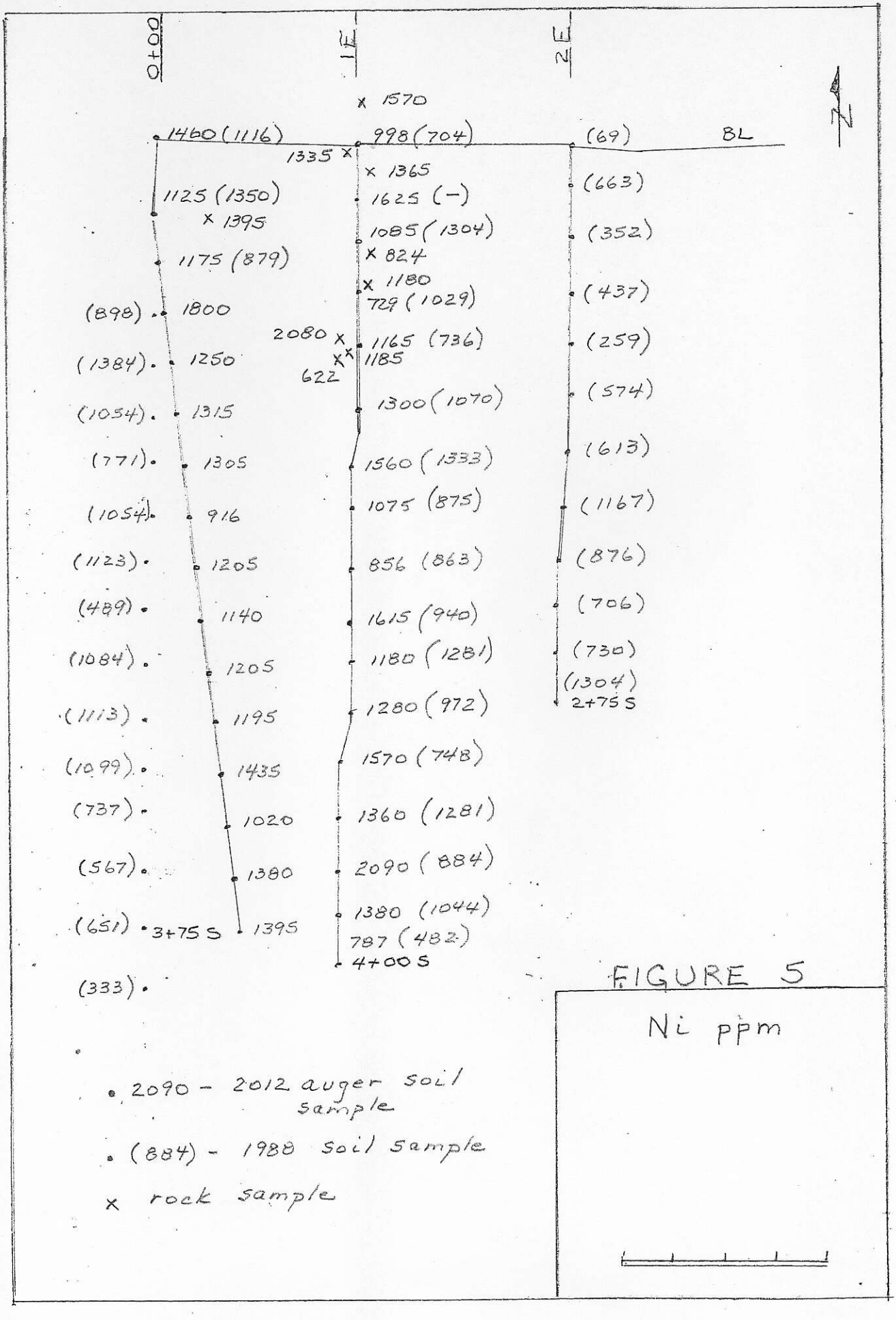


FIGURE 5

Ni ppm

• 2090 - 2012 auger soil sample

• (884) - 1988 soil sample

x rock sample

12.0 References

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Assessment Report 26062, MApping and Sampling on the Mount Sidney Williams Property, by U. Mowat, October 1999.

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.

Assessment Report 30473, Sampling in the West Lake Area on the Klone 5 Claim, by U. Mowat, January 2009.
Assessment Report 32481, Sampling on the Klone 6 Claim and the One-Eye 1 Claim, by U. Mowat, October 2011.

13.0 Statement of Costs

Helicopter	
12.2 hours at $930.00/hour	$11346.00
1390.8 liters at $1.80/liter	2503.44
HST	1486.69
	$15336.13
Analyses	
15 rock samples analysed for 35 elements by aqua regia ICP-AES and Au, Pt, Pd by FA ICP (invoice attached)	679.41
6 rock samples analysed for 35 elements by aqua regia ICP-AES and 33 elements by 4 acid digestion ICP-AES (invoice attached)	190.29
44 rock samples analysed for 35 elements and Au by aqua regia ICP-AES (invoice attached)	$ 1731.69
33 soil samples analysed for 35 elements and Au by aqua regia ICP-AES (invoice attached)	1088.11
	$ 3689.50
Labour	
July - 1.5/6 of $6068.72	$ 1517.18
September - 4/7 of $8036.11	4592.07
(invoices attached)	$ 6109.25
Labour	
1 man for 25.5 days at $600/day	$15300.00
Vehicle	
16 days at $100.00/day	$ 1600.00
Mileage	
5.5/14 of 2076 km at $0.64/km	$ 521.95
4/7 of 1985 km at $0.64/km	725.96
	$ 1247.91
Gas	$ 217.82
Insurance	$ 37.00

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

MSW

INVOICE NUMBER 2665732

BILLING INFORMATION

Certificate:	VA12163504
Sample Type:	Rock
Account:	MOWURS
Date:	26-JUL-2012
Project:	
P.O. No.:	
Quote:	
Terms:	Due on Receipt C1
Comments:	

ANALYSED FOR

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	33.10	33.10
15	PREP-31	Crush, Split, Pulverize	7.45	111.75
15.74	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.70	11.02
15	ME-ICP41	35 Element Aqua Regia ICP-AES	11.15	167.25
15	PGM-ICP23	Pt, Pd, Au 30g FA ICP	18.90	283.50

SUBTOTAL (CAD)	$	606.62
R100938885 HST BC	$	72.79
TOTAL PAYABLE (CAD)	**$**	**679.41**

To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
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2103 Dollarton Hwy
North Vancouver BC V7H 0A7

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

MSW

INVOICE NUMBER 2691632

BILLING INFORMATION

Certificate:	VA12179326
Sample Type:	Other
Account:	MOWURS
Date:	13-AUG-2012
Project:	
P.O. No.:	
Quote:	
Terms:	Due on Receipt C1
Comments:	

ANALYSED FOR

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	TOTAL
2	PUL-32	Pulverize 1000g to 85% < 75 um	6.20	12.40
2	BAG-01	Bulk Master for Storage	1.20	2.40
2	SCR-51	Screening	12.40	24.80
6	ME-ICP41	35 Element Aqua Regia ICP-AES	11.15	66.90
4	ME-ICP61	33 element four acid ICP-AES	14.90	59.60
2	SPL-21	Split sample - riffle splitter	1.90	3.80

SUBTOTAL (CAD)	$	169.90
R100938885 HST BC	$	20.39
TOTAL PAYABLE (CAD)	**$**	**190.29**

To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

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To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

INVOICE NUMBER 2734224

BILLING INFORMATION

Certificate:	VA12224078
Sample Type:	Rock
Account:	MOWURS
Date:	8-OCT-2012
Project:	MSW
P.O. No.:	
Quote:	
Terms:	Due on Receipt C1
Comments:	

QUANTITY	ANALYSED FOR CODE	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	33.10	33.10
44	PREP-31	Crush, Split, Pulverize	7.45	327.80
55.78	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.70	39.05
44	ME-ICP41	35 Element Aqua Regia ICP-AES	11.15	490.60
44	Au-TL43	Trace Level Au - 25g AR	14.90	655.60

SUBTOTAL (CAD)	$	1,546.15
R100938885 HST BC	$	185.54
TOTAL PAYABLE (CAD)	**$**	**1,731.69**

To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

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MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

INVOICE NUMBER 2734657

BILLING INFORMATION

Certificate:	VA12226467
Sample Type:	Soil
Account:	MOWURS
Date:	8-OCT-2012
Project:	
P.O. No.:	
Quote:	
Terms:	Due on Receipt C1
Comments:	

QUANTITY	ANALYSED FOR CODE	- DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	33.10	33.10
33	PREP-41	Dry, Sieve (180 um) Soil	1.45	47.85
13.16	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	2.35	30.93
33	ME-ICP41	35 Element Aqua Regia ICP-AES	11.15	367.95
33	Au-TL43	Trace Level Au - 25g AR	14.90	491.70

SUBTOTAL (CAD)	$	971.53
R100938885 HST BC	$	116.58
TOTAL PAYABLE (CAD)	**$**	**1,088.11**

To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
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2103 Dollarton Hwy
North Vancouver BC V7H 0A7

-34-

CJL Enterprises Ltd.

Box 662 Smithers, B.C. VOJ 2NO

Invoice No. BP30072012

INVOICE

Customer

Name	Ursula Mowat		
Address	1405-1933 Robson St.		
City	Vancouver	**Prov.** BC	**P/C** V6G 1E7
	Phone: 604-681-1645		

Date July 30, 2012
Revised

Qty	Description	Unit Price	TOTAL
	Bornite Property July 6 - 11, 2012		
1	Manpower	$3,900.00	$ 3,900.00
1	Vehicle Expense	$1,518.50	$ 1,518.50
		SubTotal	$ 5,418.50
	HST	12.00%	$ 650.22
		TOTAL	$ 6,068.72

Payment Other

Office Use Only

Due and Payable on receipt. 2% charged monthly on all accounts. HST# 100983196 RT

Experience Counts !!!

Manpower Expenses - **BORNITE PROPERTY July 6 - 11, 2012**

EMPLOYEE	TYPE OF JOB	DATE	TIME SPENT	DAY RATE	CHARGE
JESSE STOEPPLER	SOIL SAMPLER	July 6, 2012 Travel	1	$ 375.00	$ 375.00
		July 7 - 11, 2012 and travel home	5	$ 375.00	$ 1,875.00
JOSEPH KEIGHTLEY	ASSISTANT SAMPLER	July 6, 2012 Travel	1	$ 275.00	$ 275.00
		July 7 - 11, 2012 and travel home	5	$ 275.00	$ 1,375.00
				Total	$ 3,900.00

VEHICLE EXPENSE JULY 6-11, 2012
BORNITE PROPERTY

DATE	Truck #	# Days	day rate	Truck Total	TTl Kms	$per km	Kilometer TTL	Driver	Driver Charge	Cargo/passengers	TOTAL
July 6 - 11,2012	64	6	$ 100.00	$ 600.00	1670	0.55	$ 918.50	J Stoeppler	$ -	Joseph Keightley Sampler	$ 1,518.50
				$ -	0	0	$ -				$ -
				$ -	0	0	$ -				$ -
				$ -	0	0	$ -				$ -
				$ -	0	0	$ -				$ -
				$ -	0	0	$ -				$ -
Total		**6**	**$ 100.00**	**$ 600.00**	**1670**	**$ 0.55**	**$ 918.50**		**$ -**		$ 1,518.50

CJL Enterprises Ltd.

Invoice No. 28092012

Box 662 Smithers, B.C. VOJ 2NO

INVOICE

Customer

Name	Ursula Mowat		
Address	1405-1933 Robson St.		
City	Vancouver	**Prov.** BC	**P/C** V6G 1E7
	Phone: 604-681-1645		

Date September 28, 2012

Qty	Description	Unit Price	TOTAL
	Project September 13 - 21, 2012		
1	Manpower	$5,200.00	$ 5,200.00
1	Vehicle Expense	$1,758.00	$ 1,758.00
1	Expenses	$188.78	$ 188.78
1	15% on out of pocket expenses	$28.32	$ 28.32
		SubTotal	$ 7,175.10
		HST 12.00%	$ 861.01
		TOTAL	$ 8,036.11

Payment Other

Office Use Only

Due and Payable on receipt. 2% charged monthly on all accounts. HST# 100983196 RT

Experience Counts !!!

Manpower Expenses - **Sept 13 - 21, 2012**

EMPLOYEE	TYPE OF JOB	DATE	TIME SPENT	DAY RATE	CHARGE
JESSE STOEPPLER	SOIL SAMPLER	Sept 13, 2012 Travel	0.5	$ 375.00	$ 187.50
		Sept 14 - 20, 2012	7	$ 375.00	$ 2,625.00
		Sept 21, 2012 Travel	0.5	$ 375.00	$ 187.50
JOSEPH KEIGHTLEY	ASSISTANT SAMPLER	Sept 13, 2012 Travel	0.5	$ 275.00	$ 137.50
		Sept 14 - 20, 2012	7	$ 275.00	$ 1,925.00
		Sept 21, 2012 Travel	0.5	$ 275.00	$ 137.50
				Total	$ 5,200.00

VEHICLE EXPENSE Sept 13 - 21, 2012

DATE	Truck #	# Days	day rate	Truck Total	TTl Kms	$per km	Kilometer TTL	Driver	Driver Charge	Cargo/passengers	TOTAL
Sept 13-21,2012	Jesse's	9	$ 100.00	$ 900.00	1560	0.55	$ 858.00	J Stoeppler	$ -	Joseph Keightley Sampler	$ 1,758.00
				$ -	0	0	$ -				$ -
				$ -	0	0	$ -				$ -
				$ -	0	0	$ -				$ -
				$ -	0	0	$ -				$ -
				$ -	0	0	$ -				$ -
Total		**9**	**$ 100.00**	**$ 900.00**	**1560**	**$ 0.55**	**$ 858.00**		**$ -**		$ 1,758.00

URSULA MOWATT EXPENSES Sept 13 - 21, 2012

DATE	SUPPLIER	ITEM	COST	HST	TOTAL	TOTAL COST
13-Sep-12	BV Wholesale	Groceries	$151.89	$7.57	$159.46	$151.89
13-Sep-12	Petro Canada	Drinks & snack	$20.95	$0.00	$20.95	$172.84
19-Sep-12	Petro Canada	Drinks	$15.94	$0.00	$15.94	$188.78
		Total:	$188.78			

Accommodation	
July - 1 week at $325.00/week	$ 325.00
4 nights at $65.00/night	260.00
HST	70.20
	$ 655.20
1 room for 5 nights at $70.00/night	$ 350.00
HST	42.00
	$ 392.00
1 room for 1 night at $88.48/night	$ 88.48
1 room for 1 night at $72.40/night	$ 72.40
Shared cost 5.5/14 of $1208.48	**$ 474.76**
September	
1 room for 1 night at $72.80	$ 72.80
1 room for 1 night at $77.28	77.28
1 room for 1 week at $392.00/week	392.00
1 room for 1 week at $392.00/week plus 4 nights at $65.00/night	585.00
HST	70.20
	$1197.28
Shared cost 4/7 of $1197.28	**$ 684.16**
Food	$1109.28
Freight	$ 189.23
Supplies	$ 57.20
Reproduction	$ 84.97
Phone	$ 5.38
Fax	$ 0.83
Postage	$ 16.67
TOTAL	**$46109.09**

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.

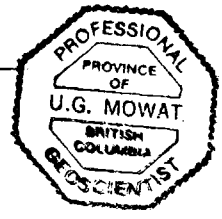
2.0 I have practiced my profession since 1969 in mineral exploration, oil and gas exploration and coal exploration.

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 Mount Sidney Williams property.

Ursula G. Mowat

Ursula G. Mowat, P. Geo.



Dated this 13th day of November, 2012

at Vancouver, B. C.

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

Finalized Da .6-JUL-2012
Account: MOWURS

CERTIFICATE VA12163504

Project:

P.O. No.:

This report is for 15 Rock samples submitted to our lab in Vancouver, BC, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

URSULA MOWAT		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

Finalized Date: 26-JUL-2012
Account: MOWURS

CERTIFICATE OF ANALYSIS VA12163504

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
37082		1.24	<0.2	0.49	8	210	10	<0.5	<2	0.98	<0.5	86	1500	4	4.59	<10
37083		1.18	<0.2	0.38	545	140	10	<0.5	2	0.75	<0.5	93	1410	9	4.14	<10
37084		0.94	<0.2	0.35	27	40	30	<0.5	2	0.53	<0.5	78	1300	7	4.97	<10
37085		0.66	<0.2	0.39	23	40	30	<0.5	<2	0.04	<0.5	75	1150	5	4.23	<10
37086		1.08	<0.2	0.06	37	60	20	<0.5	2	0.15	<0.5	89	276	7	5.89	<10
37087		1.06	0.2	0.59	15	40	30	<0.5	<2	0.46	<0.5	59	1345	16	4.42	<10
37088		1.08	0.3	0.61	17	50	50	<0.5	<2	0.11	<0.5	75	1370	19	3.83	<10
37089		0.94	<0.2	0.26	56	70	30	<0.5	<2	0.02	<0.5	102	1295	13	5.62	<10
37090		0.90	<0.2	0.56	64	170	20	<0.5	<2	0.39	<0.5	98	1545	7	6.11	<10
37091		1.12	<0.2	0.73	41	150	10	<0.5	<2	1.45	<0.5	78	1725	11	5.07	<10
37092		1.30	<0.2	0.68	3	100	10	<0.5	<2	0.06	<0.5	84	1505	3	4.69	<10
37093		0.70	<0.2	1.71	10	<10	50	<0.5	<2	0.85	<0.5	16	71	24	2.75	<10
37094		0.80	<0.2	0.71	<2	180	10	<0.5	2	0.82	<0.5	73	1655	8	4.23	<10
37095		1.62	<0.2	0.53	45	90	20	<0.5	2	0.27	<0.5	81	1455	6	5.07	<10
37096		1.12	<0.2	0.56	69	120	40	<0.5	<2	0.63	<0.5	96	1625	6	5.81	<10

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Finalized Date: 26-JUL-2012
Account: MOWURS

CERTIFICATE OF ANALYSIS VA12163504

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
37082		1	0.01	<10	19.10	951	<1	0.01	1795	30	18	0.06	<2	10	1	<20
37083		<1	<0.01	<10	17.40	798	<1	0.01	1730	40	6	0.02	7	10	2	<20
37084		<1	<0.01	<10	13.65	1130	<1	0.01	1570	20	18	0.05	2	7	6	<20
37085		1	<0.01	<10	12.70	542	<1	0.01	1495	30	16	0.03	2	7	1	<20
37086		<1	<0.01	<10	12.80	582	<1	0.01	1990	20	4	0.06	2	3	1	<20
37087		<1	<0.01	<10	13.80	518	<1	0.01	1385	20	10	0.02	2	8	3	<20
37088		<1	<0.01	<10	16.55	984	<1	0.01	1760	20	6	0.02	2	11	2	<20
37089		<1	<0.01	<10	16.70	872	<1	0.01	1810	10	6	0.02	4	10	2	<20
37090		<1	<0.01	<10	18.00	697	<1	0.01	1695	20	8	0.02	<2	10	1	<20
37091		<1	<0.01	10	19.20	691	<1	0.01	1805	20	4	0.03	3	10	1	<20
37092		<1	0.01	<10	17.65	721	<1	0.01	1810	40	6	0.01	<2	8	<1	<20
37093		<1	0.13	<10	1.53	488	<1	0.04	63	390	21	0.01	<2	4	7	<20
37094		1	<0.01	<10	18.55	639	<1	0.01	1735	20	3	0.06	2	10	1	<20
37095		<1	<0.01	<10	16.75	691	<1	0.01	1755	20	7	0.02	2	9	2	<20
37096		<1	0.01	<10	17.45	808	<1	0.01	1915	20	10	0.02	4	9	2	<20

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Finalized Date: 26-JUL-2012
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CERTIFICATE OF ANALYSIS VA12163504

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	PGM-ICP23	PGM-ICP23	PGM-ICP23
	Analyte	Ti	Tl	U	V	W	Zn	Au	Pt	Pd
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2	0.001	0.005	0.001
37082		0.01	<10	<10	35	<10	35	0.002	0.011	0.006
37083		<0.01	<10	<10	27	<10	18	0.005	0.011	0.006
37084		<0.01	<10	<10	26	<10	25	0.003	0.007	0.006
37085		<0.01	<10	<10	24	<10	34	0.002	0.005	0.005
37086		<0.01	<10	<10	8	<10	23	0.006	<0.005	0.001
37087		0.01	<10	<10	34	<10	30	0.001	0.011	0.004
37088		0.01	<10	<10	37	<10	32	0.002	0.005	0.004
37089		<0.01	<10	<10	27	<10	18	0.001	0.007	0.005
37090		0.01	<10	<10	42	<10	32	0.001	0.007	0.005
37091		0.01	<10	<10	44	<10	23	0.001	0.011	0.005
37092		<0.01	<10	<10	36	<10	22	0.001	0.006	0.006
37093		0.40	<10	<10	50	<10	36	<0.001	<0.005	0.001
37094		0.01	<10	<10	41	<10	28	0.001	0.006	0.006
37095		0.01	<10	<10	36	<10	16	0.001	0.010	0.006
37096		0.01	<10	<10	35	<10	35	0.001	0.007	0.004

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Finalized Date: 2-AUG-2012
Account: MOWURS

CERTIFICATE VA12179326

Project:
P.O. No.:
This report is for 6 Other samples submitted to our lab in Vancouver, BC, Canada on 2-AUG-2012.
The following have access to data associated with this certificate:

URSULA MOWAT		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
PUL-32	Pulverize 1000g to 85% < 75 um
SPL-21	Split sample - riffle splitter
BAG-01	Bulk Master for Storage
SCR-51	Screening

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13-AUG-2012
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CERTIFICATE OF ANALYSIS VA12179326

Sample Description	Method Analyte Units LOR	SCR-51 WT.+75um g 0.1	SCR-51 WT.-75um g 0.1	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
37086 +75um		48.4	605.9	<0.2	0.03	23	40	<10	<0.5	<2	0.11	<0.5	71	288	4	7.50
37086 -75um				<0.2	0.06	39	60	10	<0.5	<2	0.15	<0.5	95	267	7	6.08
37094 +75um		46.2	503.1	<0.2	0.46	<2	150	<10	<0.5	<2	1.14	<0.5	67	1155	7	4.34
37094 -75um				<0.2	0.68	<2	180	<10	<0.5	<2	0.77	<0.5	74	1615	7	4.11
37095 +75um		48.5	836.3	<0.2	0.30	23	60	<10	<0.5	<2	0.16	<0.5	66	1250	4	6.34
37095 -75um				<0.2	0.55	45	90	10	<0.5	<2	0.30	<0.5	90	1535	5	5.37

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CERTIFICATE OF ANALYSIS VA12179326

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
37086 +75um		<10	<1	<0.01	<10	8.75	391	<1	<0.01	1530	10	2	0.03	3	2	1
37086 -75um		<10	<1	<0.01	<10	13.75	614	<1	0.01	1980	20	2	0.05	2	3	1
37094 +75um		<10	<1	<0.01	<10	14.35	512	<1	0.01	1430	10	<2	0.04	2	8	1
37094 -75um		<10	<1	<0.01	<10	19.10	635	<1	0.01	1650	20	<2	0.05	<2	10	1
37095 +75um		<10	<1	<0.01	<10	12.45	502	<1	0.01	1330	10	<2	<0.01	3	6	1
37095 -75um		<10	<1	<0.01	<10	18.20	741	<1	<0.01	1800	20	3	0.01	2	9	2

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CERTIFICATE OF ANALYSIS VA12179326

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Al	As	Ba	Be	Bi	Ca	Cd
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	20	0.01	10	10	1	10	2	0.5	0.01	5	10	0.5	2	0.01	0.5
37086 +75um		<20	<0.01	<10	<10	6	<10	13	<0.5	0.08	40	10	<0.5	<2	0.12	<0.5
37086 -75um		<20	<0.01	<10	<10	8	<10	25	<0.5	0.08	46	10	<0.5	<2	0.15	<0.5
37094 +75um		<20	<0.01	<10	<10	32	<10	14	<0.5	0.58	<5	<10	<0.5	<2	1.23	<0.5
37094 -75um		<20	0.01	<10	<10	40	<10	28	<0.5	0.77	<5	<10	<0.5	<2	1.07	<0.5
37095 +75um		<20	<0.01	<10	<10	29	<10	14	<0.5	0.43	22	10	<0.5	<2	0.17	<0.5
37095 -75um		<20	0.01	<10	<10	39	<10	19	<0.5	0.62	37	10	<0.5	<2	0.30	<0.5

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Finalized Date: 13-AUG-2012
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CERTIFICATE OF ANALYSIS VA12179326

Sample Description	Method Analyte Units LOR	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01
37086 +75um		96	942	3	9.38	<10	0.07	<10	22.5	513	<1	<0.01	2290	10	<2	0.03
37086 -75um		103	551	6	6.15	<10	0.01	<10	22.6	651	<1	<0.01	2460	20	<2	0.04
37094 +75um		163	3740	7	11.90	<10	<0.01	<10	18.40	1410	<1	<0.01	2360	10	<2	0.03
37094 -75um		88	1550	6	5.21	<10	0.03	<10	22.6	847	<1	0.01	1950	20	<2	0.04
37095 +75um		109	3290	4	9.76	<10	0.01	<10	21.7	1055	<1	<0.01	2170	10	<2	<0.01
37095 -75um		102	1560	6	6.00	<10	0.01	<10	22.7	934	<1	0.01	2180	20	<2	0.01

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Finalized Date: 13-AUG-2012
Account: MOWURS

CERTIFICATE OF ANALYSIS VA12179326

Sample Description	Method Analyte Units LOR	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
37086 +75um		13	3	<1	<20	<0.01	<10	<10	15	<10	42
37086 -75um		13	3	<1	<20	<0.01	<10	<10	10	<10	40
37094 +75um		10	8	<1	<20	0.01	<10	<10	62	<10	109
37094 -75um		7	11	<1	<20	0.01	<10	<10	47	<10	52
37095 +75um		9	8	<1	<20	0.01	<10	<10	46	<10	110
37095 -75um		10	10	<1	<20	0.01	<10	<10	43	<10	50

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Finalized Date: 8-OCT-2012
Account: MOWURS

CERTIFICATE VA12224078

Project: MSW

P.O. No.:

This report is for 44 Rock samples submitted to our lab in Vancouver, BC, Canada on 21-SEP-2012.

The following have access to data associated with this certificate:

URSULA MOWAT		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-TL43	Trace Level Au - 25g AR	ICP-MS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOWAT, URSULA
1405 - 1933 ROBSON STREET
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8-OCT-2012
Account: MOWURS

Project: MSW

CERTIFICATE OF ANALYSIS VA12224078

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
37097		1.84	<0.2	0.37	12	30	20	<0.5	<2	0.02	<0.5	80	1170	4	3.84	<10
37098		1.78	<0.2	0.63	58	160	30	<0.5	<2	0.48	<0.5	80	1395	6	3.68	<10
37099		0.80	<0.2	0.45	3	30	10	<0.5	2	0.02	<0.5	65	1435	5	3.83	<10
37100		1.00	<0.2	1.94	<2	<10	10	<0.5	<2	1.33	<0.5	28	77	50	5.09	10
37101		1.02	<0.2	3.67	67	20	30	<0.5	<2	0.34	<0.5	31	501	21	2.53	10
37102		0.98	<0.2	0.58	57	60	<10	<0.5	<2	0.05	<0.5	71	1315	26	4.25	<10
37103		1.18	<0.2	0.44	3	190	<10	<0.5	<2	0.71	<0.5	87	1320	2	4.00	<10
37104		0.96	<0.2	0.42	34	30	<10	<0.5	<2	0.01	<0.5	62	1160	13	4.53	<10
37105		1.12	<0.2	0.54	7	120	<10	<0.5	<2	0.27	<0.5	76	1245	4	3.97	<10
37106		0.94	<0.2	0.68	<2	100	10	<0.5	<2	0.03	<0.5	98	1630	2	5.55	<10
37107		1.10	<0.2	0.58	12	70	<10	<0.5	<2	0.26	<0.5	70	1845	89	3.34	<10
37108		1.36	<0.2	0.58	<2	120	<10	<0.5	2	0.32	<0.5	91	1700	2	3.93	<10
37109	K-6	1.12	<0.2	0.46	3	90	<10	<0.5	<2	0.56	<0.5	83	1585	8	4.52	<10
37110		0.88	<0.2	0.53	<2	100	10	<0.5	<2	0.17	<0.5	79	1215	1	3.64	<10
37111		1.02	<0.2	0.49	26	260	<10	<0.5	2	0.35	<0.5	87	1525	1	3.63	<10
37112		1.08	<0.2	0.53	6	230	<10	<0.5	2	0.61	<0.5	81	1345	2	3.43	<10
37113		1.48	<0.2	0.34	16	150	<10	<0.5	2	0.30	<0.5	62	909	3	3.17	<10
37114		1.64	<0.2	0.61	26	180	<10	<0.5	<2	0.83	<0.5	82	1540	6	3.99	<10
37115		1.00	<0.2	0.66	6	140	<10	<0.5	<2	0.73	<0.5	85	1410	11	4.65	<10
37116		1.96	<0.2	0.60	3	160	10	<0.5	2	1.33	<0.5	94	1845	11	5.18	<10
37117		0.86	<0.2	0.31	10	40	30	<0.5	<2	0.18	<0.5	69	1005	6	3.78	<10
37118		1.72	<0.2	0.38	8	40	10	<0.5	<2	0.25	<0.5	77	1425	6	3.35	<10
37119		1.28	<0.2	0.02	3	10	<10	<0.5	<2	0.03	<0.5	101	364	4	4.93	<10
37120		1.52	<0.2	0.74	<2	20	<10	<0.5	<2	0.18	<0.5	95	1395	19	4.99	<10
37121		1.04	<0.2	0.56	<2	<10	10	<0.5	<2	0.10	<0.5	93	1180	22	4.96	<10
37122		1.18	<0.2	0.08	<2	10	<10	<0.5	<2	0.01	<0.5	104	342	10	5.01	<10
37128		1.66	<0.2	0.88	91	<10	10	<0.5	<2	4.21	<0.5	29	485	1	2.22	<10
37124		1.12	<0.2	0.30	<2	<10	<10	<0.5	<2	0.07	<0.5	118	294	16	5.98	<10
37125	K-1	1.20	<0.2	0.06	369	<10	<10	<0.5	<2	1.15	<0.5	42	421	5	3.45	<10
37126		1.34	<0.2	0.42	81	10	<10	<0.5	<2	0.20	<0.5	56	1125	10	3.92	<10
37127		0.92	<0.2	0.41	2	<10	<10	<0.5	<2	0.07	<0.5	100	961	19	4.66	<10
37128		1.52	<0.2	0.64	3	10	<10	<0.5	<2	0.06	<0.5	94	1325	11	4.61	<10
37129		1.36	<0.2	0.50	<2	10	<10	<0.5	<2	0.10	<0.5	101	1000	15	5.09	<10
37130		1.36	<0.2	0.02	3	10	<10	<0.5	<2	0.03	<0.5	114	138	5	5.59	<10
37131		1.08	<0.2	0.35	463	<10	10	<0.5	<2	0.06	<0.5	70	867	8	3.98	<10
37132		1.14	<0.2	0.08	9	<10	10	<0.5	<2	0.20	<0.5	75	633	5	4.50	<10
37133		1.54	<0.2	0.17	5	<10	10	<0.5	<2	0.14	<0.5	64	632	7	4.74	<10
37134		1.48	<0.2	0.06	85	<10	<10	<0.5	<2	0.20	<0.5	68	609	11	4.42	<10
37135		1.30	0.4	0.08	229	<10	10	<0.5	<2	0.27	<0.5	68	346	11	3.79	<10
37136		1.14	<0.2	0.18	3	<10	10	<0.5	<2	0.13	<0.5	49	624	7	3.39	<10

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MOWAT, URSULA
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VANCOUVER BC V6G 1E7

Finalized Date: 8-OCT-2012
Account: MOWURS

Project: MSW

CERTIFICATE OF ANALYSIS VA12224078

Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
37097		<1	<0.01	<10	15.20	1070	<1	<0.01	1795	20	3	0.02	<2	3	<1	<20
37098		<1	<0.01	<10	17.70	584	<1	<0.01	1660	10	<2	0.01	<2	10	1	<20
37099		<1	<0.01	<10	11.20	456	<1	<0.01	1245	10	2	0.01	<2	6	1	<20
37100		<1	0.13	<10	1.45	755	<1	0.06	53	1310	2	0.01	<2	7	36	<20
37101		<1	0.04	<10	9.30	446	<1	0.01	573	270	2	<0.01	<2	3	12	<20
37102		<1	<0.01	<10	15.30	367	<1	<0.01	1500	20	<2	<0.01	<2	8	2	<20
37103		<1	<0.01	<10	18.10	945	<1	<0.01	1765	20	2	0.05	<2	10	2	<20
37104		<1	<0.01	<10	11.80	296	<1	<0.01	1340	20	<2	<0.01	<2	6	<1	<20
37105		<1	<0.01	<10	18.20	534	<1	<0.01	1840	20	2	0.01	<2	8	<1	<20
37106	K-6	<1	<0.01	<10	18.85	850	<1	<0.01	1875	30	2	0.02	<2	8	<1	<20
37107		<1	<0.01	<10	17.75	503	<1	<0.01	1910	20	<2	<0.01	<2	10	<1	<20
37108		<1	<0.01	<10	20.9	761	<1	<0.01	1890	40	<2	0.01	<2	10	<1	<20
37109		<1	<0.01	<10	17.75	599	<1	<0.01	1810	50	2	0.01	<2	9	<1	<20
37110		<1	<0.01	<10	18.20	771	<1	<0.01	1705	20	<2	0.02	<2	6	<1	<20
37111		<1	<0.01	<10	18.40	897	<1	<0.01	1805	10	<2	0.06	<2	11	<1	<20
37112		<1	<0.01	<10	19.70	699	<1	<0.01	1795	20	<2	0.04	<2	10	<1	<20
37113		<1	<0.01	<10	15.85	412	<1	<0.01	1825	10	<2	0.01	5	7	<1	<20
37114		<1	<0.01	<10	20.0	625	<1	<0.01	1855	10	<2	0.03	<2	11	<1	<20
37115		<1	<0.01	<10	19.35	674	<1	<0.01	1755	20	<2	0.01	<2	11	<1	<20
37116		<1	<0.01	<10	19.45	714	<1	<0.01	1840	10	<2	0.03	<2	11	<1	<20
37117		<1	<0.01	<10	13.50	805	<1	<0.01	1345	30	3	0.01	<2	7	2	<20
37118		<1	<0.01	<10	14.40	438	<1	<0.01	1460	10	<2	0.02	<2	7	5	<20
37119		<1	<0.01	<10	14.90	727	<1	<0.01	1300	10	3	0.10	<2	4	<1	<20
37120		<1	<0.01	<10	18.40	838	<1	<0.01	1960	<10	4	0.01	<2	8	<1	<20
37121		<1	0.01	<10	18.05	820	<1	<0.01	1815	10	<2	0.02	<2	8	<1	<20
37122		<1	<0.01	<10	20.0	847	<1	<0.01	2360	20	2	0.04	<2	5	<1	<20
37123		<1	0.03	<10	5.37	397	<1	0.01	778	80	<2	0.06	<2	4	33	<20
37124	K-1	<1	<0.01	<10	24.0	922	<1	0.01	2310	10	2	0.01	<2	4	<1	<20
37125		<1	0.01	<10	15.50	917	<1	0.01	726	<10	<2	0.07	17	6	19	<20
37126		<1	<0.01	<10	15.10	645	<1	0.01	1070	10	<2	0.01	3	7	1	<20
37127		<1	<0.01	<10	19.40	773	<1	0.01	2150	10	<2	0.01	<2	6	<1	<20
37128		<1	<0.01	<10	17.20	727	<1	0.01	2010	10	<2	0.04	<2	11	<1	<20
37129		<1	<0.01	<10	19.45	831	<1	0.01	2050	10	<2	0.01	<2	8	<1	<20
37130		<1	<0.01	<10	23.2	853	<1	0.01	2430	10	<2	<0.01	<2	4	<1	<20
37131		<1	0.02	<10	16.75	394	<1	0.01	1285	10	<2	0.30	11	7	2	<20
37132		<1	0.01	<10	17.45	559	<1	0.01	1570	<10	<2	0.12	<2	6	2	<20
37133		<1	0.01	<10	15.70	554	<1	0.01	1335	10	<2	0.03	<2	7	1	<20
37134		<1	0.02	<10	17.80	480	<1	0.01	1395	<10	<2	0.21	2	6	<1	<20
37135		<1	0.03	<10	15.55	1205	<1	0.01	1365	10	<2	0.04	18	7	5	<20
37136		<1	<0.01	<10	13.70	751	<1	0.01	824	10	<2	<0.01	<2	7	1	<20

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CERTIFICATE OF ANALYSIS VA12224078

Sample Description	Method Analyte Units LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au-TL43 Au ppb 1	
37097		<0.01	<10	<10	25	<10	23	1	
37098		<0.01	<10	<10	37	<10	22	4	
37099		0.01	<10	<10	29	<10	17	1	
37100		0.48	<10	<10	167	<10	84	<1	
37101		0.07	<10	<10	30	<10	44	4	
37102		0.01	<10	<10	34	<10	17	3	
37103		<0.01	<10	<10	31	<10	13	1	
37104		0.01	<10	<10	30	<10	14	1	
37105		<0.01	<10	<10	33	<10	15	<1	
37106		0.01	<10	<10	40	<10	30	2	
37107		<0.01	<10	<10	35	<10	19	89	
37108		0.01	<10	<10	34	<10	17	6	
37109		<0.01	<10	<10	33	<10	19	2	
37110		0.01	<10	<10	31	<10	27	1	
37111		<0.01	<10	<10	35	<10	17	1	
37112		0.01	<10	<10	34	<10	23	3	
37113		<0.01	<10	<10	24	<10	13	5	
37114		0.01	<10	<10	39	<10	19	1	
37115		0.01	<10	<10	41	<10	29	1	
37116		0.01	<10	<10	43	<10	21	2	
37117		<0.01	<10	<10	25	<10	27	1	
37118		<0.01	<10	<10	23	<10	22	1	KLONE 6
37119		<0.01	<10	<10	6	<10	15	<1	KLONE 1
37120		<0.01	<10	<10	41	<10	24	2	
37121		<0.01	<10	<10	34	<10	32	1	
37122		<0.01	<10	<10	7	<10	21	4	
37123		0.07	<10	<10	26	<10	21	3	
37124		<0.01	<10	<10	10	<10	27	2	
37125		<0.01	<10	<10	22	<10	8	557	
37126		<0.01	<10	<10	27	<10	13	7	
37127		<0.01	<10	<10	21	<10	20	4	
37128		<0.01	<10	<10	37	<10	21	3	
37129		<0.01	<10	<10	29	<10	24	2	
37130		<0.01	<10	<10	3	<10	29	1	
37131		<0.01	<10	<10	22	<10	6	39	
37132		<0.01	<10	<10	16	<10	9	1	
37133		<0.01	<10	<10	23	<10	7	1	
37134		<0.01	<10	<10	19	<10	6	1	
37135		<0.01	<10	<10	17	<10	13	130	
37136		<0.01	<10	<10	16	<10	8	1	

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CERTIFICATE OF ANALYSIS VA12224078

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
37137		1.70	<0.2	0.28	321	<10	10	<0.5	<2	0.35	<0.5	69	900	9	3.60	<10
37138		1.34	<0.2	0.23	<2	50	<10	<0.5	<2	0.08	<0.5	94	860	17	4.63	<10
37139		1.80	<0.2	0.33	121	<10	10	<0.5	<2	0.54	<0.5	82	928	12	4.57	<10
37140		0.92	<0.2	0.33	3	<10	10	<0.5	<2	0.51	<0.5	46	954	12	3.14	<10

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CERTIFICATE OF ANALYSIS VA12224078

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
37137		<1	0.01	<10	15.10	608	<1	0.01	1180	10	<2	0.19	4	10	4	<20
37138		<1	<0.01	<10	18.95	754	<1	0.01	2080	10	<2	<0.01	<2	9	<1	<20
37139		<1	0.01	<10	14.70	1010	<1	0.01	1185	20	<2	0.04	3	8	5	<20
37140		<1	<0.01	<10	12.95	579	<1	0.01	622	10	<2	<0.01	<2	8	1	<20

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CERTIFICATE OF ANALYSIS VA12224078

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-TL43
	Analyte	Tl	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppb
	LOR	0.01	10	10	1	10	2	1
37137		<0.01	<10	<10	25	<10	10	143
37138		<0.01	<10	<10	22	<10	19	2
37139		<0.01	<10	<10	27	<10	13	18
37140		<0.01	<10	<10	23	<10	11	1

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Finalized Date: 5-OCT-2012
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CERTIFICATE VA12226467

Project:
P.O. No.:
This report is for 33 Soil samples submitted to our lab in Vancouver, BC, Canada on 24-SEP-2012.
The following have access to data associated with this certificate:

URSULA MOWAT		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-TL43	Trace Level Au - 25g AR	ICP-MS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **MOWAT, URSULA**
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8-OCT-2012
Account: MOWURS

CERTIFICATE OF ANALYSIS VA12226467

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
0+00 BL		0.24	<0.2	1.10	117	10	60	<0.5	2	0.11	<0.5	116	1840	18	8.81	<10
0+00 0+25S		0.28	<0.2	1.40	120	10	40	<0.5	<2	0.08	<0.5	107	1965	14	8.90	<10
0+00 0+50S		0.34	<0.2	1.23	132	10	60	<0.5	2	0.07	<0.5	123	2010	12	11.10	<10
0+00 0+75S		0.32	<0.2	1.23	122	20	20	<0.5	<2	0.15	<0.5	121	1735	19	4.92	<10
0+00 1+00S		0.36	<0.2	1.45	132	20	50	<0.5	<2	0.10	<0.5	121	1965	17	8.56	<10
0+00 1+25S		0.40	<0.2	1.27	130	40	30	<0.5	<2	0.10	<0.5	89	1555	17	5.26	<10
0+00 1+50S		0.48	<0.2	1.36	252	20	40	<0.5	<2	0.11	<0.5	94	1770	18	5.73	<10
0+00 1+75S		0.38	<0.2	1.42	193	10	40	<0.5	<2	0.10	<0.5	71	1335	15	6.03	<10
0+00 2+00S		0.38	<0.2	1.51	220	10	40	<0.5	<2	0.06	<0.5	103	1725	15	6.50	<10
0+00 2+25S		0.38	<0.2	1.59	196	10	50	<0.5	<2	0.14	<0.5	83	1550	25	5.59	<10
0+00 2+50S		0.54	<0.2	1.67	96	20	30	<0.5	<2	0.10	<0.5	105	1815	16	6.11	<10
0+00 2+75S		0.40	<0.2	1.80	73	10	40	<0.5	2	0.10	<0.5	87	1685	18	6.06	<10
0+00 3+00S		0.40	<0.2	1.73	94	10	50	<0.5	<2	0.09	<0.5	117	2060	19	7.54	<10
0+00 3+25S		0.42	<0.2	1.82	70	10	50	<0.5	<2	0.11	<0.5	107	1595	15	7.40	<10
0+00 3+50S		0.36	<0.2	1.81	47	10	40	<0.5	<2	0.08	<0.5	125	1955	20	7.11	<10
0+00 3+75S		0.40	<0.2	1.68	119	10	50	<0.5	<2	0.07	<0.5	143	1785	17	7.59	<10
1+00E BL		0.26	<0.2	1.33	36	<10	70	<0.5	<2	0.08	<0.5	135	1475	15	8.96	10
1+00E 0+25S		0.42	<0.2	0.98	170	20	30	<0.5	<2	0.14	<0.5	114	1535	19	4.91	<10
1+00E 0+50S		0.34	<0.2	1.58	96	10	50	<0.5	<2	0.24	<0.5	58	1040	21	4.49	<10
1+00E 0+75S		0.54	<0.2	1.83	169	10	50	<0.5	<2	0.09	<0.5	71	1460	13	6.65	10
1+00E 1+00S		0.40	<0.2	1.17	107	10	50	<0.5	<2	0.07	<0.5	77	1555	15	6.15	<10
1+00E 1+25S		0.28	<0.2	1.26	224	<10	50	<0.5	<2	0.13	<0.5	150	1910	13	10.25	<10
1+00E 1+50S		0.38	<0.2	1.66	224	<10	50	<0.5	<2	0.10	<0.5	149	1880	20	9.22	<10
1+00E 1+75S		0.34	<0.2	1.38	122	10	60	<0.5	<2	0.10	<0.5	104	1870	15	9.85	10
1+00E 2+00S		0.32	<0.2	1.36	76	<10	60	<0.5	<2	0.11	<0.5	87	1730	11	9.55	10
1+00E 2+25S		0.48	<0.2	1.42	67	10	40	<0.5	<2	0.15	<0.5	105	2010	19	6.29	<10
1+00E 2+50S		0.38	<0.2	1.30	110	10	30	<0.5	<2	0.15	<0.5	55	1560	19	4.75	<10
1+00E 2+75S		0.48	<0.2	1.46	177	10	40	<0.5	<2	0.17	<0.5	81	1445	20	5.26	<10
1+00E 3+00S		0.56	<0.2	1.46	137	20	30	<0.5	<2	0.13	<0.5	110	1680	19	6.10	<10
1+00E 3+25S		0.62	<0.2	1.42	72	10	30	<0.5	<2	0.14	<0.5	85	1580	19	5.96	<10
1+00E 3+50S		0.42	<0.2	1.42	50	20	30	<0.5	3	0.10	<0.5	154	1895	26	7.21	<10
1+00E 3+75S		0.44	<0.2	1.75	71	10	40	<0.5	<2	0.11	<0.5	137	1910	16	7.80	<10
1+00E 4+00S		0.42	<0.2	1.61	119	10	50	<0.5	<2	0.12	<0.5	70	1220	15	6.20	<10

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MOWAT, URSULA
1405 - 1933 ROBSON STREET
VANCOUVER BC V6G 1E7

Finalized Date: 8-OCT-2012
Account: MOWURS

CERTIFICATE OF ANALYSIS VA12226467

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
0+00 BL		<1	0.02	<10	9.52	1225	<1	0.01	1460	600	4	0.03	<2	6	4	<20
0+00 0+25S		<1	0.02	<10	8.79	1170	<1	0.01	1125	650	2	0.03	<2	5	4	<20
0+00 0+50S		<1	0.02	<10	8.38	1040	<1	0.01	1175	400	2	0.02	2	5	4	<20
0+00 0+75S		<1	0.01	<10	17.55	1275	<1	0.01	1800	490	3	0.03	<2	12	2	<20
0+00 1+00S		<1	0.02	<10	10.35	1325	<1	0.01	1250	510	2	0.02	3	6	4	<20
0+00 1+25S		<1	0.01	<10	12.90	1030	<1	0.01	1315	280	2	0.01	4	9	3	<20
0+00 1+50S		<1	0.02	<10	11.35	1270	<1	0.01	1305	530	3	0.02	15	10	3	<20
0+00 1+75S		<1	0.02	<10	6.38	938	<1	0.01	916	270	2	0.01	19	6	4	<20
0+00 2+00S		<1	0.01	<10	12.00	1065	<1	0.01	1205	320	<2	0.01	4	7	3	<20
0+00 2+25S		<1	0.03	<10	10.50	1130	<1	0.01	1140	410	2	0.02	4	11	8	<20
0+00 2+50S		<1	0.02	<10	14.50	993	<1	0.01	1205	330	2	0.02	<2	7	4	<20
0+00 2+75S		<1	0.02	<10	13.65	902	<1	0.01	1195	480	2	0.02	3	7	5	<20
0+00 3+00S		<1	0.01	<10	15.40	1125	<1	0.01	1435	420	3	0.01	11	7	3	<20
0+00 3+25S		<1	0.02	<10	11.10	1095	<1	0.01	1020	300	3	0.01	7	6	6	<20
0+00 3+50S		<1	0.01	<10	15.25	1230	<1	0.01	1380	570	2	0.02	<2	6	3	<20
0+00 3+75S		<1	0.02	<10	14.80	1505	<1	0.01	1395	420	2	0.01	<2	6	4	<20
1+00E BL		<1	0.03	<10	7.66	1380	<1	0.01	998	530	5	0.02	<2	6	7	<20
1+00E 0+25S		<1	0.01	<10	15.05	1215	<1	0.01	1625	300	2	0.02	10	11	3	<20
1+00E 0+50S		<1	0.04	<10	7.67	1115	<1	0.01	1085	600	5	0.04	4	12	9	<20
1+00E 0+75S		<1	0.02	<10	8.90	807	<1	0.01	729	360	3	0.02	6	5	5	<20
1+00E 1+00S		<1	0.01	<10	12.25	821	<1	0.01	1165	300	<2	0.01	6	5	3	<20
1+00E 1+25S		<1	0.02	<10	11.45	1335	<1	0.01	1300	520	4	0.02	<2	7	4	<20
1+00E 1+50S		<1	0.02	<10	11.75	1575	<1	0.01	1560	930	4	0.03	<2	8	4	<20
1+00E 1+75S		<1	0.02	<10	8.44	1245	<1	0.01	1075	480	3	0.02	<2	5	5	<20
1+00E 2+00S		<1	0.02	<10	7.31	1095	<1	0.01	856	520	4	0.02	<2	4	6	<20
1+00E 2+25S		<1	0.02	<10	14.35	1075	<1	0.01	1615	770	<2	0.03	<2	10	5	<20
1+00E 2+50S		<1	0.02	<10	13.25	606	<1	0.01	1180	270	2	0.02	<2	9	6	<20
1+00E 2+75S		<1	0.02	<10	12.20	880	<1	0.01	1280	430	3	0.03	<2	8	7	<20
1+00E 3+00S		<1	0.02	<10	14.75	1060	<1	0.01	1570	360	<2	0.02	<2	9	3	<20
1+00E 3+25S		<1	0.02	<10	12.60	806	<1	0.01	1360	370	2	0.02	<2	9	6	<20
1+00E 3+50S		1	0.01	<10	17.55	1240	<1	<0.01	2090	360	<2	0.01	<2	8	<1	<20
1+00E 3+75S		1	0.01	<10	15.30	1340	<1	0.01	1380	490	<2	0.02	<2	7	2	<20
1+00E 4+00S		<1	0.03	<10	9.27	879	<1	0.01	787	430	3	0.02	<2	7	7	<20

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VANCOUVER BC V6G 1E7

Finalized Date: 8-OCT-2012
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CERTIFICATE OF ANALYSIS VA12226467

Sample Description	Method Analyte Units LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au-TL43 Au ppb 1
0+00 BL		0.03	<10	<10	89	<10	51	16
0+00 0+25S		0.04	<10	<10	100	<10	69	27
0+00 0+50S		0.05	<10	<10	108	<10	69	30
0+00 0+75S		0.01	<10	<10	50	<10	38	25
0+00 1+00S		0.04	<10	<10	93	<10	68	33
0+00 1+25S		0.02	<10	<10	58	<10	30	57
0+00 1+50S		0.02	<10	<10	66	<10	45	114
0+00 1+75S		0.04	<10	<10	73	<10	43	101
0+00 2+00S		0.02	<10	<10	70	<10	60	73
0+00 2+25S		0.03	<10	<10	74	<10	48	49
0+00 2+50S		0.03	<10	<10	65	<10	59	22
0+00 2+75S		0.03	<10	<10	74	<10	55	51
0+00 3+00S		0.03	<10	<10	86	<10	49	80
0+00 3+25S		0.05	<10	<10	97	<10	70	48
0+00 3+50S		0.03	<10	<10	83	<10	57	11
0+00 3+75S		0.03	<10	<10	83	<10	61	21
1+00E BL		0.08	<10	<10	79	<10	108	6
1+00E 0+25S		0.01	<10	<10	48	<10	25	193
1+00E 0+50S		0.05	<10	<10	56	<10	56	34
1+00E 0+75S		0.06	<10	<10	85	<10	65	41
1+00E 1+00S		0.03	<10	<10	80	<10	33	67
1+00E 1+25S		0.03	<10	<10	92	<10	58	80
1+00E 1+50S		0.03	<10	<10	88	<10	71	188
1+00E 1+75S		0.05	<10	<10	108	<10	87	106
1+00E 2+00S		0.05	<10	<10	128	<10	75	25
1+00E 2+25S		0.02	<10	<10	66	<10	67	42
1+00E 2+50S		0.04	<10	<10	54	<10	38	82
1+00E 2+75S		0.04	<10	<10	54	<10	60	26
1+00E 3+00S		0.02	<10	<10	57	<10	71	24
1+00E 3+25S		0.04	<10	<10	63	<10	49	19
1+00E 3+50S		0.01	<10	<10	59	<10	40	13
1+00E 3+75S		0.03	<10	<10	77	<10	66	14
1+00E 4+00S		0.04	<10	<10	71	<10	85	11

0+00

1+00E

2+00E

N

Baseline

1, 1970
37132
x

37133 x
1, 1335

x 37135
180, 1365

x 37134
1, 1395

1, 824
x 37136

x 37137
143, 1180

2, 2080
37138 x

x 37139
18, 1185

37140
1, 622

37131
x
39, 1285

x 37130
1, 2430

1, 1900
37119
x
x
37120
2, 1960

x 37121
1, 1815

x 37122 - 1, 2360
x 37123 - 3, 778

x 37124
2, 2310

x (142569)

x (142568)

557, 726
37125 x
37126
7, 1070

2, 2050
x 37129

4, 2150
37127
x

x 37128
3, 2010

x (142567)

x (142566)

x (11857)

x (11866)

1100

(11865)
x
N

x
(11854)

N
x
(11853)

x
(11852)

KLONE 1

Au ppb, Ni ppm

x rock sample

0 drill pad

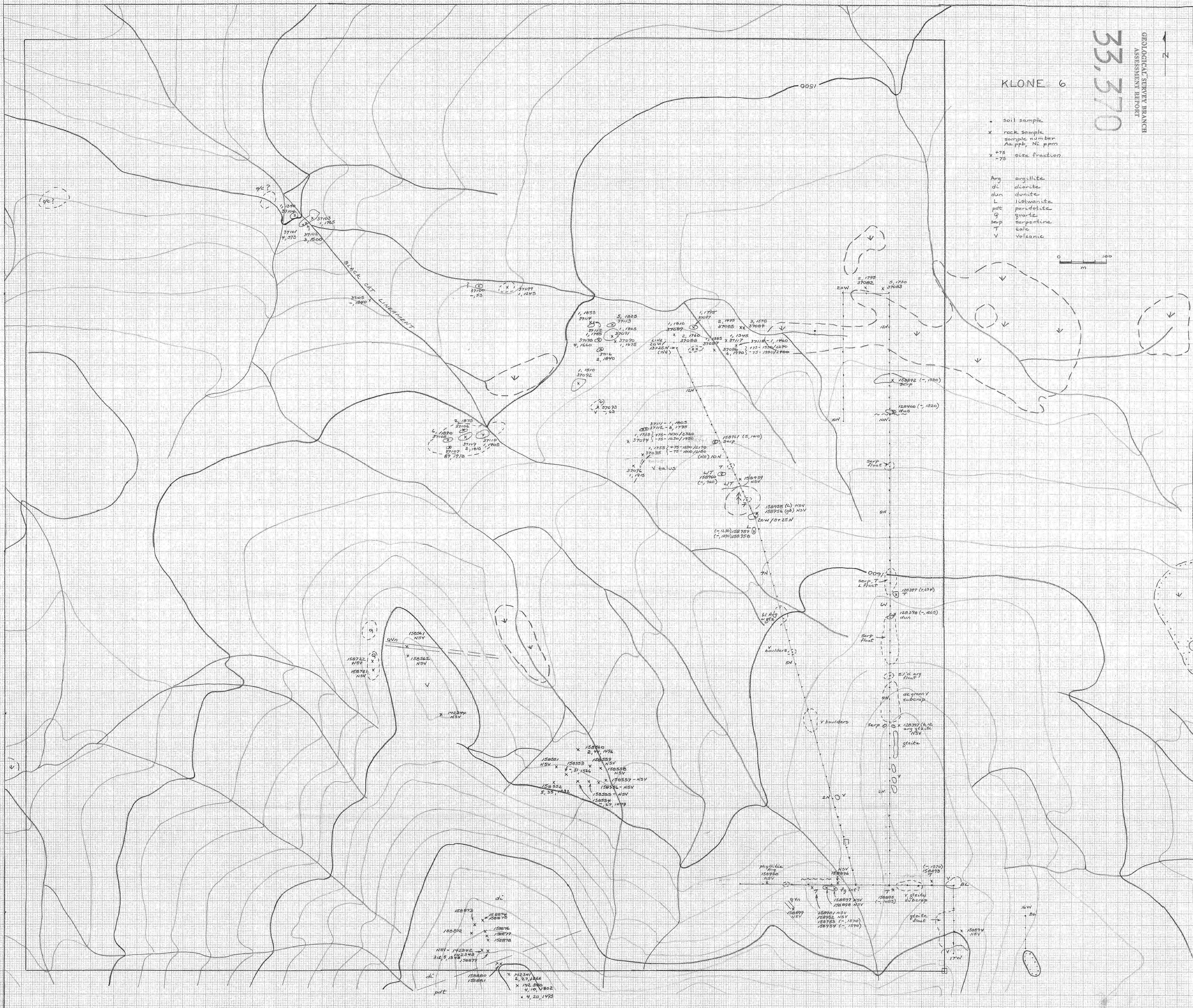
L listwanite outcrop

x (42567) old rock sample

0 100

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

33,370



KLONE 6
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
33,370
N
• soil sample
x rock sample
sample number
Au ppb, Ni ppm
x +75 / -75 size fraction
Arg argillite
di diorite
dun dunite
L listwanite
pdt peridotite
q quartz
serp serpentine
T talc
V volcanic
0 100
m
1500
1600
BLACK CAT LINEAMENT
V talus
V boulders
boulders
BL