Geological, Geochemical & Diamond Drilling Report on Valentine Mtn Mineral Tenures 549331 & 549333 Sooke, BC Victoria Mining Division

For: Mill Bay Ventures Inc

By: Andris Kikauka March 10, 2012

32918

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Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geological, Geochemical, Diamond drilling **TOTAL COST:** $172,916.07

AUTHOR(S): Andris Kikauka **SIGNATURE(S):** A. Kikauka

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): **YEAR OF WORK:** 2011

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5154958

PROPERTY NAME: Valentine

CLAIM NAME(S) (on which the work was done):

COMMODITIES SOUGHT: Au - Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092 B 108

MINING DIVISION: Victoria **NTS/BCGS:** 092B12W, 092B051

LATITUDE: 48 ° 31 ' 03 " **LONGITUDE:** 123 ° 53 ' 03 " **(at centre of work)**

OWNER(S):
1) Mill Bay Ventures Inc. 2)

MAILING ADDRESS:
400 - 455 Granville St
Vancouver BC V6C 1T1

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TRANS # B.

OPERATOR(S) [who paid for the work]:
1) Same 2)

MAILING ADDRESS:

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Jurassic-Cretaceous Leech R Fm schist, gneiss & amphibolite is cut by Eocene qtz diorite with associated quartz and minor carbonate veining at 60-90 degrees strike, and 55-85 degrees dip S. Mineralization is mostly pyrite and pyrrhotite with minor arsenopyrite, occurs near fold hinge of shallow east plunging anticline

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 6298, 6844, 9050, 10110, 12642, 15509, 17259, 17381, 18993, 19358, 19359, 19362, 19381, 22683, 24345, 24431, 25024, 25243, 25244, 25245, 25246, 25577, 25806, 26517, 26774, 27107, 27360, 27726

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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			
Silt			
Rock			
Other	Core 308 ICP & Augeochem	549331, 549333	33,704.34
DRILLING (total metres; number of holes, size)			
Core	1,250.6 6 holes NTW 2"	549331, 549333	139,211.73
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	172,916.07

NTS 92 B/12 W
BCGS (TRIM) 092B 051
LAT. 48 30' 56" N
LONG. 123 59' 00" W

GEOLOGICAL, GEOCHEMICAL & DIAMOND DRILLING REPORT
on
VALENTINE MTN MINERAL TENURES 549331, 549333
VALENTINE MOUNTAIN AREA
SOOKE , B.C.

VICTORIA MINING DIVISION

FOR

MILL BAY VENTURES INC.,
400-455 Granville St, Vancouver, BC V6C 1T1

BY

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March 10, 2012

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SUMMARY: Mill Bay Ventures Inc carried out 1,250.6 meters of NTW core drilling to test the extension to depth of the 'Discovery' and 'Discovery West' gold-bearing mineral zone on their 100% owned Valentine Mountain Gold Projeet. Mineral tenures are located 30 kilometers northwest of Sooke, BC. Fieldwork was carried out Oct 6-Nov 14, 2011.

Drilling was done on the Discovery Zone, which contains an inferred mineral resource estimate of 54,746 tonnes grading 16.4 (uncut), and 9.3 (cut) grams/tonne, equivalent to 0.478 and 0.271 opt Au (NI 43-101 compliant, see www.millbayventures.com for technical report by Jacques Houle, P.Eng, updated Oct, 2011). The 2011 core drilling program consisted of 3 holes (number 7 & 8 at Discovery Zone with target depth 425-525 m), and number 9 at West Discovery Zone (shallower target depth 150-200 m). The 3 diamond drill holes range from 678-1,717 feet (206.65-523.34 meters) in depth. Geochemical analysis of split core samples was done at ALS Laboratory Group, N Vancouver, BC (Geochemical Analysis Certificate VA11232049 & VA11241769, Appendix A). Split core sample lengths ranged 1-10 ft (0.305-3.048 m) interval lengths. These three diamond drill holes tested the depth extension of the 'Discovery' and 'Discovery West' gold-bearing mineral zones on Mill Bay Ventures 100% owned Valentine Mountain mineral tenures. Split core samples taken from drill holes V11DDH-7, 8 & 9 are summarized as follows:

Hole No	Zone name	Total depth (m)	Minimum interval length (m)	Maximum interval length (m)	Total interval length (m)	Number of samples taken
V11DDH-7	Discovery	523.3	0.3	2.26	168.2	130
V11DDH-8	Discovery	520.6	0.3	1.92	164	117
V11DDH-9	Discovery W	206.65	0.6	2.1	58.7	44

Diamond drill hole V11DDH-7, 8 & 9 cut through similar quartz-pyrite veining as nearby gold-bearing drill holes, but did not contain significant precious metal values (elevated gold values exceeding 0.02 ppm Au occurs in the bottom and near the bottom of V11DDH-9). Geochemical analysis (ALS Minerals ME-MS41 PKG TL44, Certificate VA11232049, and VA11241769) was done for 291 split core samples. Results indicate that values range from 0.001-0.047 grams/tonne or ppm Au. Diamond drill hole V11DDH-7 intercepted 3,650 ppm arsenic, and 0.001 g/t Au at 141.43-141.73 m depth. Elevated arsenic may serve as a pathfinder for gold bearing mineralization. A total of 247 samples taken from V11DDH-7 & 8 with combined interval length of 332.2 m failed to detect values > 0.02 g/t Au. The exception was V11DDH-9, which had elevated Au listed as follows:

VALENTINE DRILL HOLE V11DDH- 9 Au (above average value)
DISCOVERY WEST:

Sample No	FROM ft (m)	TO ft (m)	WIDTH ft (m)	Description	Au ppm	Ag ppm
DDH-9						
5289	568 (173.12)	572.5 (174.5)	4.5 (1.37)	4% qtz 0.1-1.5 cm, 1% cal, 1% diss & frac fill py, pyo	**0.0241**	0.06
5291	673 (205.13)	678 (206.6)	5 (1.5)	4% qtz 0.1-1.5 cm 1% cal, 1% diss & frac fill py, pyo	**0.0467**	0.05

Discovery West: Features a 100 X 50 m area of anomalous Au and As in soil, as well as a coincident IP chargeability high and magnetic total field low geophysical anomaly. The geochemical and geophysical anomalies follow an east-west trend, dipping steeply south, that traces the amphibolite lithology (unit 3a/b, metavolcanic tuff/flow). Discovery West is located 550 m west of the Discovery Zone (Fig 3). Discovery West Zone features silicification (quartz carbonate vein/replacement). Mineralization consists of minor amounts of pyrite, pyrrhotite (0.1-2%), with trace chalcopyrite, arsenopyrite that is hosted in chloritized, silicified and carbonate altered amphibolite (metavolcanic). Pyrite and pyrrhotite occur as disseminations and veinlets, and in quartz vein/replacement. Gold values >0.02 g/t Au in split core samples from drill hole V11DDH-9 occur at and near and are hosted in silicified amphibohte (lithology unit 3).

Discovery Zone: Gold bearing mineral zones 'A', 'B', 'C', & 'D' follow an east-west trend (dipping steeply south), that traces the contact between the amphibolite and schist rock unit. The amphibolite/schist lithology contact is characterized by shearing/faulting and silicification (quartz carbonate vein/replacement). Mineralization consists of minor amounts of pyrite, pyrrhotite (0.1-2%), with trace chalcopyrite, arsenopyrite hosted in chloritized, silicified and carbonate altered amphibolite (metavolcanic) and schist (metasediment). The amphibolite/schist contact related quartz-carbonate fissure veining ('D' vein structure Discovery Zone), and other parallel vein structures of economic importance (notably the 'C Vein') were not intersected in drill holes V11DDH-7 & 8. Drill hole V11DDH-8 was stopped short of the 'D' vein structure, however 'A', 'B', & 'C' vein structures were intercepted and failed to show significant precious metal values. Additional drilling in the area adjacent to V11DDH-8 & 9 is not recommended.

Additional drilling in the area adjacent to drill hole V11DDH-9 is not recommended either, but further exploration drilling is recommended by stepping out laterally along strike, east and west of the Discovery, Log Dam & BN Zones to trace gold-bearing mineralization hosted in amphibolite-metasandstone-metapelite lithology (e.g. magnetic field low geophysical anomaly and coincident Au in soil anomaly located east of the Log Dam remains untested by drilling).

1.0 INTRODUCTION

This report was prepared at the request of Mill Bay Ventures Inc and consists of a compilation of geological, diamond drilling, and geochemical fieldwork carried out Oct 6-Nov 14, 2011 on the Valentine Mountain property. The report is intended to accompany a Statement of Work 5154958 filed as a fulfillment of assessment work required to keep mineral tenures in good standing. The purpose of this report is to evaluate economic mineral potential of the Valentine Gold Project.

2.0 LOCATION, ACCESS & PHYSIOGRAPHY

The property is located 42 km. WNW of Victoria, and 19 km. N of Sooke on SW Vancouver Island (Fig.1 & 2). There is a network of logging roads (most of which require 4WD) give access to most of the property. The main logging road access has weekday travel restrictions during the period 07:00 to 17:00 hours. Other access problems include heavy rain washouts, fire closures and snow at higher elevations. Relatively mild coastal climate allows year round

fieldwork to be carried out. Snow accumulations occur from December to February occur in the higher elevation portions of the claim group (i.e. above 600 meters in elevation).

The property is part of the Insular Mountains which formed as a result of crustal thickening and subsequent mature dissection of a Tertiary erosion surface of relatively low relief, now expressed as fault controlled valleys and fault-line scarps forming monadnock-like plateaus (Grove, E.W.,1990). Quaternary ice advances from the north and west has deposited a 1-5 meter depth of till throughout the region.

3.0 PROPERTY STATUS

A map grid system for mineral titles is found on the web site www.MTonline.gov.bc.ca (mineral tenure map shown in figure 2). Current claims of Valentine Mtn property (owner Mill Bay Inc) are listed as follows:

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Area (ha)
506801		108020 100%	Mineral	Claim	092B	2005/feb/11	2021/jun/14	85.58
528190	JORDAN	108020 100%	Mineral	Claim	092B	2006/feb/13	2021/jun/14	427.81
528254	VM1	108020 100%	Mineral	Claim	092B	2006/feb/14	2014/jun/14	534.88
528255	VM2	108020 100%	Mineral	Claim	092B	2006/feb/14	2014/jun/14	85.60
528257	BB	108020 100%	Mineral	Claim	092B	2006/feb/15	2014/jun/14	42.78
528258	VM3	108020 100%	Mineral	Claim	092B	2006/feb/15	2021/jun/14	513.54
528261	CC	108020 100%	Mineral	Claim	092B	2006/feb/15	2021/jun/14	171.14
528263	VM4	108020 100%	Mineral	Claim	092B	2006/feb/15	2021/jun/14	213.96
528265	VM5	108020 100%	Mineral	Claim	092B	2006/feb/15	2014/jun/14	470.58
549331	VALENTINE	108020 100%	Mineral	Claim	092B	2007/jan/14	2021/jun/14	21.40
549333	VALENTINE MTN	108020 100%	Mineral	Claim	092B	2007/jan/14	2021/jun/14	256.75
549334	VALENTINE'S DAY MASSACRE	108020 100%	Mineral	Claim	092B	2007/jan/14	2021/jun/14	21.40

The total area of Mill Bay Ventures Inc Valentine Mountain claim group is 2,845.42 hectares (7,398.1 acres).

4.0 AREA HISTORY

Placer gold was discovered in the 1860's in sand and gravel alluvium along the San Juan, Leech, Jordan, Sombrio and Loss Creek drainage basins. Leech River was hydraulic mined intermittently until 1941. Nuggets up to 1 ounce and a total production of 10,000-20,000 ounces were sluiced from gravel/bedrock contacts along riverside bars.

Base and precious metal lode deposits in Southern Vancouver Island consist of massive sulphides, skarns, quartz veins and shears. Cu-Pb-Zn-Ag-Au massive sulphides occur near Mt.

Sicker. Past producers in tis area include Lenora, Tyee, Richard III, and Lara (which has published reserves of 529,000 tonnes grading 1.11% Cu, 1.22% Pb, 5.87% Zn, 4.73 g/t Au and 100.1 g/t Ag). Magnetite-chalcopyrite skarns in the Cowichan Lake area have produced in excess of 15 million pounds of copper and 75,000 ounces of silver. Shear zone copper deposits occur near the mouth of the Jordan R. where then Sunloch-Gabbro property is located. Past production includes several million pounds of Cu as well as minor silver and gold. The adjacent prospect known as the Sunro shear contains probable reserves of 1.47 million tonnes @ 1.43% Cu.

VALENTINE MOUNTAIN PROPERTY HISTORY

4.1 **1966**

While logging the east slope of Valentine Mountain, Fred Zorelli detected native gold in quartz float.

4.2 **1976**

Detailed prospecting by Robert Beaupre and Alex Low led to the discovery of native gold in the "A" vein located on the eastern end of the area presently known as "Discovery Zone". Subsequent staking of Valentine Mountain and surrounding areas was carried out over several years.

4.3 **1979**

L.H. Fairchild completed a structural and metamorphic analysis of the Leech River Group in partial fulfillment of the requirements for a Masters degree at the University of Washington. Most of his work focused on the Valentine Mountain area. A point form summary of his study is listed below:

1) Leech River Group consist of greenschist to amphibolite facies gneiss and schist metamorphic rocks Their protolith rock types listed in order of abundance are: a-pelite (shale), b-sandstone, c-volcanic,
d-chert, e-conglomerate.
2) Two Eocene deformational events, separated by a static period of unknown duration, consisted of fragmentation, rotation and regional shortening resulted in axial-plane cleavage, linear structures and coaxial mesoscopic parasitic folds about east-plunging fold axes.
3) Amphibolite facies metamorphism resulted in biotite-garnet and staurolite-andalusite successively introduced by continuous reaction, which extended from the end of the first phase of deformation into the second phase (Appendix D).
4) Greenschist facies metamorphism results in muscovite-chlorite-quartz assemblages (Appendix D).
5) San Juan, Clapp Ck. And Leech R. faults are E-W trending, steeply dipping, relatively straight zones of regional sub-parallel fault traces. The Leech R. fault is interpreted to be a left-lateral strike-slip fault zone active during the Eocene-Oligocene-Miocene.

6) In the Jordan R. valley southwest of Valentine Mountain, 10-50 m. wide coarse-grained biotite orthogneiss to grandioritic sills and related pegmatite dykes are concordant with regional schistosity.
7) In both mesoscopic and macroscopic folds throughout the Leech R. Group, metasandstone and metavolcanic units behave competently and pelitic rocks, which typically filled-in between competent bodies, behaved in a more ductile fashion. This competency contrast indicates that buckling, rather than homogenous flattening or slip-folding, was the dominant mechanism of folding.
8) Isoclinal F1 structures are refolded by F2 resulting in cylindrical folds which are generally asymmetric-open in the north study area, and progressively symmetric-closed to the south.
9) Dominant foliation in the study area is steeply dipping, F2 axial planar.

4.4 **1980**

Property examinations and reports by T.E. Lisle, P.Eng. and G.A. Noel, P.Eng. were completed on behalf of Beau Pre Explorations Ltd. Lisle took 42 soil samples in the vicinity of the "Discovery Zone" which returned 5-40 ppb Au. Channel samples from the "A" trench returned values ranging from .003 to .014 opt Au across widths of .23 to 1.83 m. Three select vein samples assayed .572, .005 and .075 opt Au. Their reports recommended detailed geochemistry and geological mapping.

Rio Canex geologists examined the property and took several rock chip samples which assayed less than .1 g/t Au .

Low Minerals processed a 775 pound (351.5 kg.) sample in Tacoma, Washington taken from the "A" trench which returned a grade of .270 opt Au and .210 opt Ag.

4.5 **1981**

A program of geological mapping, geochemistry (96 rock chips, 378 stream sediment samples) was performed by Beau Pre Explorations Ltd., under the supervision of Dr. E.W.Grove, P.Eng. Calculated background and threshold values for stream sediment sample values are listed as follows:

ELEMENT	RANGE	BACKGROUND	THRESHOLD
Au	5-85 ppb	5 ppb	40 ppb
As	2-350 ppm	6 ppm	50 ppm
Cu	3-191 ppm	36 ppm	100 ppm
Zn	7-168 ppm	57 ppm	100 ppm
Ni	3-191 ppm	26 ppm	79 ppm

The highest value (85 ppb Au) was obtained from a south flowing tributary of Valentine Creek located near the boundary of claims Blaze 3 & 4. Second ranking sample (60 ppb Au) came from the northeast edge of the "Discovery Zone", and there are numerous above average Au values in this area. The third highest value (55 ppb Au) is located on the Walker-Jordan Main

(logging road) about 300 m. east of Fred Creek. Clusters of above average Au values are located: a) "BN" & "Braiteach" drainages, b) Walker Ck., c) Walker-Jordan Main bridge across Jordan R. (near massive orthogneiss intrusive sill) d) Tripp Ck.
The "BN", "Braiteach", and Valentine Ck. tributary areas exhibit relatively stronger Au-As geochemical association. Overall, the statistical presentation of anomalous values shows Au-As correlation, and no apparent correlation between Cu-Pb-Zn-Ni-Co-Ag-W-Mo. Out of 96 total rock chip samples taken from the "Discovery" and "Fred Creek" areas, the highest values range up to 0.840 to 1.440 opt Au respectively. These two high grade samples taken from the "Discovery Zone" contained visible native gold in quartz.

4.6 **1982-83**

Property work directed by Robert Beau Pre, Tony Bruce and Malcolm Hurd consisted of trenching a strike length of 350 ft. (107 m.) on the "36" vein and 140 ft. (43 m.) along sub-parallel veins within the "Discovery Zone". A total of 9 diamond drill holes were collared 5-50 m. from the "36" trench and 3 holes were located 30-100 m. from the "A" trench. The significant results of this mapping, trenching & drill program are listed below (for a list of significant core drilling results see Appendix B)

1) Gold bearing quartz is hosted in mixed schist/gneiss (i.e. metapelites/metasandstones). Amphibolite units are key stratigraphic horizons and outline major structures, and host gold bearing quartz in the area of the "Discovery Zone". A weakly altered, E-W trending, steeply dipping, laterally continuous, 50-200 m. thick amphibolite unit is in close proximity (about 5-50 m.) to the main series of gold-quartz veins. A total of 3 gold-quartz veins were defined by drill intercepts as follows:

"C" vein zone: Located parallel and 10-15 m. south of the "36" (aka "B" vein), the "C" vein consists of white to grey quartz, trace amounts of pyrrhotite, marcasite and native gold hosted in mixed gneiss and schist. DDH 82-6 intersected the "C" vein at 36.0-36.5 m. depth and returned 7.550 opt Au across 0.5 m. Several other holes drilled nearby (i.e. 82-3,7,7A,5,5A,6A) intersected the "C" vein with assay values up to 0.174 opt Au across 0.3 m.

"D" vein zone: Parallel and 50 m. north of the "C" vein is the "D" vein, which is localized along a fault zone along an amphibolite/gneiss contact. This vein was intersected by DDH 82-6A, 6, 5, & 21 with values up to 0.063 opt Au aeross 1.3 m., which was recorded in the drill hole furthest west, and appears that the vein improves westward along strike. "A" vein zone: The depth continuity of the "A" vein was tested by DDH 82-15. At 150.4-151.3 m. (0.9 m. wide) and at 154.6-155.1 m. (0.5 m. wide), two veins were intersected that returned 0.042 and 0.098 opt Au respectively.

2) The "36" gold-quartz vein trench gave the following values:

DISTANCE	LOCATION	WIDTH	OPT Ag	OPT Au
2 m.	footwall	.46 m.	.07	.41
2 m.	vein	.17 m.	3.85	34.950
2 m.	hangingwall	.61 m.	.16	.852
10 m.	footwall	.36 m.	.56	.005
10 m.	vein	.03 m.	2.27	33.200
10 m.	hangingwall	.37 m.	.79	3.845
20 m.	footwall	.46 m.	.10	.142
20 m.	vein	.03 m.	.03	.003
20 m.	hangingwall	.50 m.	.02	.090
30 m.	footwall	.48 m.	.01	.010
30 m.	vein	.13 m.	.12	.328
30 m.	hangingwall	.37 m.	.10	.003

3) Only 1 out of 13 drill holes (DDH #82-6) gave results (7.550 opt Au over 1.6 ft. or 0.5 m.) which compared to the multi-ounce assays returned from the high grade section of the "36" vein trench.

4) The main reason for erratic results appears to be structural, i.e. free gold occurs in scattered pockets in the quartz veins, and in fractures and on shear planes in the adjacent wall rocks (Grove, 1984).

5) A bulk sample was shipped to Trail, B.C. giving the following results:

ANALYZED FOR:	SAMPLE # 1 (223 lbs.) FINES from 5 tons sluiced	SAMPLE # 2 (296 lbs.) GOLD-QUARTZ grab vein & wall rock
GOLD	4.82 OPT	18.44 OPT
SILVER	0.60 OPT	1.25 OPT
SILICA	66.9%	89.4%
	SAMPLE #3 (4,159 lbs.) FINES from trench bottom	SAMPLE #4 (3,287 lbs.) VEIN & WALL ROCK (3 X 15 ft. area)
GOLD	0.210	0.348
SILVER	2.25	18.60
SILICA	73.7%	84.5%

6) Gold bearing quartz mineralogy includes crystalline arsenopyrite, marcasite, rare chalcopyrite, sphalerite, galena and ilmenite.

7) Alteration within the 50-200 m. thick amphibolite unit adjacent to the "Discovery Zone" consists of : extensive quartz, calcite and gypsum veining, spotty to vein-like K-spar zoning, tourmalinization, epidotization, biotitization of hornblende, and magnetite development (Grove, 1984).

8) Spatial relation of gold-quartz and extensive alteration suggest that the amphibolite unit is significant in the localization of gold ore.
9) Drill results reflect structure and give a "hit and miss" account of gold grades due to its scattered distribution as streaks, pockets and fracture infillings.

4.7 **1984**

Western Geophysical Aero Data Ltd. Flew a regional magnetometer and VLF-EM survey which totaled 2,400 line kms. on 300 m. spaced N-S lines. Significant results of this survey are listed as follows:

1) The "Discovery Zone" is parallel to and along the north edge of a regional mag low trend which extends in excess of 7 km. Over the entire claim group.
2) Mag lows are interpreted as areas of increased alteration associate with major fault systems and secondary cross faulting.
3) Mag highs are interpreted as intrusives cutting metasediments and metavolcanics. Mag highs occur in close proximity to VLF-EM conductor axes in four specific locations: a) 3 km. WNW of Bear Ck. Reservoir Dam. b) 1.3 km. NNW of Bear Ck. Reservoir Dam. c) 1.8 km. N of east end of Bear Ck. Reservoir. d) 2.8 km. NNW of the east end of Bear Ck. Reservoir. In all of these area of interest, none have known gold occurrences, and none have been explored in detail.

Gay A. Wingert completed a B.Sc. thesis for U.B.C. entitled Structure and Metamorphism of the Valentine Mountain Area, SW Vancouver Island, B.C. Her study is summarized as follows:

1) The Leech R. Fm. underwent 2 stages of deformation and metamorphism which correlates with 2 stages of intrusion. Evidence for polymetamorphism is defined by distribution of staurolite and andalusite, indicating there was a primary metamorphic event which reached temperatures high enough to produce andalusite and a secondary metamorphic event of lower grade which only produced staurolite.
2) The second stage of metamorphism began prior to the second stage of deformation.
3) The final stages of igneous activity (presumed to have occurred in Late Eocene to Early Oligocene) coincide with dextral strike-slip movement along the Leech R. Fault. Retrograde alteration consists of staurolite & andalusite partially replaced by sericite-chlorite-quartz, garnets are crushed and altered to chlorite, and biotite and hornblende appears kinked and boudinaged. Late stage retrograde alteration is associated with late stage faulting and intrusive activity which produced dykes & sills, and gold-bearing quartz (Appendix D).
4) The axial trace of a regional E-W trending anticline fold axis is centered on Valentine Mountain.
5) Walker Creek is an axis for an E-W trending anticline fold axis
6) F1 penetrative features are rarely evident east of Jordan R., having been transposed to F2 structures
7) Parasitic mesoscopie folds, boudins, crenulation cleavages and transposed fragmental ptygmatic quartz veins are features of the second deformation

Noranda, Placer, Goldfields and Welcome North sent company geologists to investigate trenches and drill core on the "Discovery Zone". Some samples were taken, but they are poorly documented.

4.8 **1985**

Falconbridge Ltd. optioned the property and excavated two 50 m. long , N-S trending trenches (known as #1 and #2) situated at the east end of the E-W trending "36" trench. They also mapped and sampled the "36" & "A" trenches. Width of vein sampling averaged approximately 0.1 m. Highlights of their sampling program are listed below:

TRENCH	FROM (m.)	TO (m.)	TYPE	Au opt
"A"	0	1	vein	.415
"A"	1	2	vein	.962
"A"	2	3	vein	.195
"A"	3	4	vein	.451
"A"	4	5	vein	18.370
"A"	5	6	vein	.219
"A"	6	7	vein	.112
"A"	7	8	vein	.080
"A"	8	9	vein	5.903
"A"	9	10	vein	.162
"A"	10	11	vein	.062
"A"	11	12	vein	2.184
"1" east wall	8.2	8.5	vein	.619
"1" east wall	8.5	8.7	vein	1.001
"1" east wall	48	49	vein & wall rock	.104
"1" east wall	49	50	vein & wall rock	.084
"1" east wall	50	51	vein & wall rock	.110
TRENCH	FROM (m.)	TO (m.)	TYPE	Au opt
"1" west wall	4	5	vein & wall rock	.099
"1" west wall	5	6	vein & wall rock	.114
"1" west wall	6	7	vein & wall rock	.126
"1" west wall	7	8	vein & wall	.083
"1" west wall	8	9	rock vein & wall rock	.086
"1" west wall	9	10	vein & wall rock	.056
"1" west wall	10	11	vein & wall	.083

"1" west wall	11	12	rock vein & wall rock	.733
"36"	2	3	vein	.016
"36"	9	10	vein	.010
"36"	15	16	vein	.571
"36"	19	20	vein	.110
"36"	20	21	vein	.489
"36"	21	22	vein	.164
"36"	33	34	vein	.029
"36"	34	35	vein	.023
"2" east wall	2	3	wall rock	.034

The weighted averages taken from all the Falconbridge trenching is listed as follows:

DESCRIPTION	LENGTH (m.)	WIDTH (m.)	Au opt
"A" trench north vein	11.0	0.02	1.951
"A" trench north vein and wall rock	11.0	0.16	0.226
"A" trench south vein	9.0	0.04	0.525
"A" trench south vein and wall rock	9.0	0.20	0.136
"A" trench south vein and north splays	12.0	0.04	0.484
"A" trench south vein & north splays & wall rock	12.0	0.20	0.118
"A" trench south vein and south splays	12.0	0.04	0.484
"A" trench south vein & south splays & wall rock	12.0	0.17	0.125
"36" trench west vein	15.0	0.05	0.004
"36" trench middle vein	7.0	0.06	0.153
"36" trench east vein	12.7	0.08	0.008
"36" trench west vein and wall rock	15.0	0.15	0.007
"36" trench middle vein and wall rock	7.0	0.16	0.078
"36" trench east vein and wall rock	12.7	0.17	0.007

The Falconbridge mapping and trenching program identified the following geological features present in the "Discovery Zone":

1) The "36" and "A" vein gold-quartz systems trend at azimuth 068 degrees, dipping 70 degrees south.
2) There are numerous 090 trending, steep S dipping dextral strike-slip faults, offset by later dextral and sinstral strike slip micro-faults (several cm. displacement). Gold-quartz veins appear to have emplaced in between the macro and micro faulting events.
3) Gold grades of the main quartz vein and adjacent wall rock increase where there are zones of increased cross and/or diagonal faulting and fracturing
4) Calculation of weighted averages of vein and wall rock from the "A" trench returned a value of 0.094 opt Au over 1.38 m. along a strike length of 11.0 m.
5) Arithmetic averages of quartz vein from the "A" trench gave 0.959 opt Au and wall rock assays averaged 0.028 opt Au.

6) Biotite gneiss (metasandstone) is the dominant host lithology for gold-quartz veins in the "Discovery Zone". Carbonaceous andalusite-staurolite-garnet-biotite schist (metapelite) forms about 15% of the host lithology for the gold-quartz veins and occurs as narrow, .1-5.0 m. wide, E-W trending bands within the more massive biotite gneiss.
7) Samples identified as carrying visible gold returned assays of 0.001-0.013 opt Au. These samples included severe dilution from non-mineralized wall rock which would partially explain the low values. The other explanation is that the assay lab did not effectively metallic screen the entire sample to recover the observed native gold.

Bondar-Clegg treated a 42.1 kg. (92.8 lbs.) sample from the trench and obtained 8.74 grams Au and 0.46 grams Ag. The grade of this sample is 13.362 opt Au and 0.70 opt Ag.

4.9 **1986**

Garratt Geoservices Ltd. were contracted to review property geological data on behalf of Valentine Gold Ltd. A review of Garret's report is summarized below:

1) Determination of average grade is problematic, but data suggests 0.2-0.5 opt Au range across 1 m. wide
2) Tonnage potential of 500,000-900,000 tons assuming two ore shoots 1.8 X 152 X 304 m. dimension
3) Large samples (in the order of 10-100 kg.) across minimum widths to represent underground mining widths (about 1.5 m.) are required to be the most representative type of sample taken for determining a grade estimation. The large sample would remove sampling bias. Also, a certain amount of gold is liberated as fines created from blasting, which indicates a need to obtain all material when bulk sampling freshly trenched zones.
4) In many cases, visible gold samples have been re-assayed with up to 5 fold variation in results, e.g. the following table lists core drill intercepts with values in opt Au:

DDH	from m.	to m.	int. m.	pulp #1	pulp #2	pulp #3	rej. #1	rej. #2	rej. #3
82-6A	55.47	55.78	0.31	0.024	0.025		0.042	0.032	0.039
82-6A	9.14	9.45	0.31	0.111	0.157	0.177	0.436	0.604	0.597
82-6A	13.10	13.41	0.31	0.034	0.041		0.048	0.046	0.173

5) The phenomenon of reject sub-samples assaying higher than pulps of the original sample is partly explained by the random distribution of gold.
6) Attempting to determine average grade of core drilling intercepts is very risky. Bulk sampling, whereby the gold is recovered from the entire sample, would be the most reliable approach.
7) Recommendation that further drilling comprise 65% reverse circulation and 35% core drilling in order to attain larger diameter sample.

G.R. Peatfield of Minequest Exploration Associates Ltd. issued a report entitled, Geology and Geochemistry of Valentine Mountain. Highlights from this report are summarized as follows:

1) Fieldwork consisted of 107 soil from either side of Bear Creek Reservoir, and 27 silt & 27 heavy mineral samples covering drainages from a 3 X 8 km. area east of the Jordan R.
2) Soil samples identified spot high values up to 400 ppb Au. There were11out of 107 samples that gave values greater than 10 ppb Au. Most samples with relatively higher Au values returned very low As values. There is a tendency for samples with higher As to have detectable amounts of Au.
3) Silt samples range from 1-74 ppb Au.
4) 10 kg. Wet sieved -20 mesh silt samples were taken for heavy mineral separation. This sampling method outlined several areas of interest: a) south face of Valentine Mtn., including Tripp, Fred and Valentine Creeks, also including the first main tributary of the west side of Jordan R. (aka Braiteach Zone). b) the first main tributary of Valentine Creek from the northeast. c) a drainage on the south side of Bear Creek Reservoir directly across from Alex Creek.

4.10 **1987-88**

Valentine Gold Corp. optioned the property from Beau Pre Explorations and drilled 43 core holes (28 in the Discovery and 15 in Jordan R. Zones). Additional work by Valentine Gold included; bulk sampling pilot plant, metallurgical testing, and rock chip sampling of the "Discovery Zone", as well as property wide soil & silt sampling, prospecting & rock chip sampling, Mag/VLF-EM/Max-Min/IP geophysics, and petrographic analysis. A complete review of this work is given below:

The distribution of diamond drill holes is as follows:

# OF DIAMOND DRILL HOLES	LOCATION
14	East portion of Discovery Zone
13	Middle portion of Discovery Zone
1	West portion of Discovery Zone
2	Jordan River Zone
13	Braiteach Zone west of Jordan River

A detailed summary of significant intersections of gold-quartz vein(s) are summarized as follows:

"C" Vein zone:
Depth extension of the "C" vein (located 10-15 m. south of and parallel to the "36" vein), defined by a total of 10 drill intercepts are projected on longitudinal section by Gord Allen (Appendix C) outlined an ore reserve calculation of 33,795 tons of 0.429 opt Au (based on a 1.2 m. width) from the "C" vein. The "C" vein is located parallel to and 25-35 m. south of a 100 m. thick, steep south dipping altered amphibolite unit.

"D" vein zone:
The "D" vein is located along the south contact of the altered amphibolite unit. This vein has an inferred strike length of over 500 meters, but no ore reserves have been calculated due to grades which average less than 0.100 opt Au across 1.0 m. in the drill intercepts. The main feature of the "D" vein is a) amphibolite contact and b) fault-bound affinity. The "D" vein fault has led to poor recovery and consequent loss of fines as core drills cut this zone.

"E" vein zone:
The "E" vein was discovered by drilling towards a well defined Au soil anomaly 100 m. north of the "C" vein and 70 m. north of the "D" vein. The "E" vein is hosted by altered amphibolite, and is in close proximity to the gneiss/schist contact (10-40 m. to the north) and to a 2 m. wide, cross-cutting, (unit 5) quartz diorite dyke. DDH 87-14 recorded 0.226 opt Au across a 0.3 m. wide fault zone (@ 49.1-49.4 m.) and 0.033 opt Au across 1.0 m. (@ 78.0-79.0 m.), suggesting the presence of two parallel vein zones.

"A" vein zone:
The "A" vein was intercepted by DDH 87-3 returning 0.046 opt Au across 0.6 m. in a fault zone (@28.5-29.1 m.). The "A" vein is located 20 m. south of the altered amphibolite contact, thus there is some speculation that it is the continuation of the "D" vein because if we follow the zone west to 87-4,5 (0.136 opt Au over 1.0 m. and 0.031 opt Au across 0.9 m. respectively), these intercepts align with a fault zone adjacent to the altered amphibolite, characteristic of the "D" vein.

The results from drilling in the "Discovery Zone" resulted in an ore reserve calculation on the "C" vein zone:

CELL #	HOLE #	AREA m2	TONNAGE @1.2 m.	opt Au 1.2 m.wide	Ozs. Au
1	87-11	1054	3630	1.580	5735
2	88-16	996	3430	0.087	298
3	88-18	1550	5338	0.001	5
4	88-17	1454	5008	0.041	205
5	82-3	748	2576	0.019	49
6	82-6A	530	1825	0.149	272
7	82-6	530	1825	3.080	7393
8	87-22	980	3375	0.033	111
9	88-14	1185	4081	0.031	127
10	88-15	619	2132	0.145	309
			Total tonnage= 33,795		Total ounces Au= 14,504

Calculated grade= 0.429 opt Au (see Appendix C)

JORDAN RIVER DRILLING:
A total of 15 NQ DDH's (87-23,24, 88-1 to 13) totaling 2,243.3 m. (7,358 ft.) was drilled in the "Braiteach" zone immediately west of the Jordan River. Drill results are summarized in Appendix B which show elevated Au values in wide zones of gneiss (metasandstone), associate with disseminated arsenopyrite. Notable intercepts include 88-12 which cut 3.0 m. of 0.133 opt Au hosted in amphibolite, and 88-4 with 1.0 m. of 0.082 opt Au adjacent to a fault in massive

gneiss (metasandstone). The style of mineralization is different from the "Discovery Zone" as wide zones of arsenopyrite are present in massive metasandstone. The intercept in DDH 88-12 is hosted by amphibolite and could be very significant because IP and EM geophysies show a positive response which roughly aligns with this drill intersection located east between the Jordan River and the "BN" zone. It is likely that increased sulphides associated with the amphibolite unit account for a positive IP and EM response east of Jordan River and on strike with DDH 88-12 intercept.

BULK SAMPLING:
Bacon, Donaldson and Associates were contracted to perform metallurgical testing, design, construction and operation of a 20 tpd bulk sampling plant. Initially, two 45 gallon drums were filled with vein and wall rock from Falconbridge trench #1 and one 45 gallon drum from the "A" trench which gave the following results:

BARREL/ TRENCH	SAMPLE WEIGHT	JIG REC. % OF OVERALL	TABLE REC. % OVERALL	TOTAL RECOVERY	CALC. GRADE opt
"A"	372 lbs.	58.25	16.43	74.67	0.391
FL1/#1	365 lbs.	23.67	20.05	43.72	0.382
FL2/#1	403 lbs.	17.65	27.04	44.69	0.144

The 20 tpd plant started in June 1987 and ran until Feb., 1988 with a recorded through-put of 653.1 tons giving the following results:

LOCATION	TONS	GRADE opt Au	RECOVERY
#1 TRENCH D-14	247.1	0.015	?
"36" VEIN EAST	184.0	0.106	?
"36" VEIN WEST	222.0	0.027	?

Bulk trench excavation (i.e. several tons) of vein and wall rock usually was accompanied by excessive dilution of barren wall rock, i.e. the impression that open pit rather than lode vein mining was taking place
(Grove, 1990). Additional "mini-bulk" sampling (in the order of several hundred pounds), returned the following much more impressive results:

TRENCH	WEIGHT	WIDExLONG	GRADE opt	PROCESSOR
"A"	300 lbs.	1 X 50 feet	5.557	Nesmont
"36" east	100 lbs.	1 X 4 feet	4.800	Nesmont
"36" west	347 lbs.	6 X 30 feet	7.688	Nesmont

SOIL SAMPLING:
A total of 5,900 soil samples were analyzed for Au and 30 element ICP. The most prominent Au soil geochemical clusters are located in the following areas:

1) "BN" zone which has a strong coincident As signature. High values up to 354 ppb Au with a dominant large cluster of greater than 50 ppb Au.

2) "Braiteach" zone which also has coincident As anomaly. High values up to 450 ppb Au with two main E-W trending anomalous zones greater than 50 ppb Au. These two zones are 200 m. apart with the southernmost zone adjacent to the main creek.
3) "Discovery" west which is coincident with the altered amphibolite trend. High values of 2,250 ppb Au along a 900 m. strike length with a 200 m. long by 75 m. wide clearly defined Au soil cluster (followed up by Noranda's DDH 89-22,23,24).
4) "Discovery" zone, the main area of trenching has high values up to 45 ppb Au and there does not appear to be direct Au-As correrlations.

SILT SAMPLING

A total of 490 pan concentrate samples were taken from creekbeds within the property. A list of above average Au values are listed as follows:

SAMPLE #	LOCATION	PPB Au
87-25-DOS	Tributary of west Leech R. (resample)	105,000
87-34-HM	" " " "	19,000
87-L1-HM	" " "	11,900
87-210-HM	Creek north of Jordan R.	8,750
87-223-HM	" east " "	1,680
87-392-HM	" north " "	1,300
87-159-HM	"Braiteach Zone"	1,550
87-5-HM	Lower Fred Ck.	8,340
87-10-HM	North shore of Bear Ck. Reservoir	1,350

GEOPHYSICS:

M.W.H. Geophysics Ltd. performed several line km. of Max-Min on the "BN" and "Braiteach" zones with 25, 50, 100, & 200 m. coil separation. A moderate strength conductor axis and a sub-parallel weak conductor axis were located between "BN" and DDH 88-12 located 200-300 m. east of the Jordan R.

Pacific Geophysics Ltd. performed IP on the "Braiteach" and "Discovery" zones, initially using 20, 30,50, & 70 m. dipole spacing, the final survey utilized 30 m. spacing since this gave good resolution for vein/shear targets (as IP is generally used for porphyry targets). Filtered contour presentation of data on the "Braiteach" shows a weak apparent chargeability increase (10-15%), along the west extension of DDH 88-12 gold bearing fault zone. There is also a subtle chargeability increase 350 m. to the north along the axis of a 075 trending creek. This zone corresponds to DDH 88-4 which intersected gold-quartz veins associated with widespread arsenopyrite mineralization. Filtered contour presentation of apparent resistivity shows an unresolved NNW trending low which is parallel and 150 west of the Jordan River. The lack of clear definition by the IP survey suggests a relatively low abundance of sulphide mineralization.

Ground VLF-EM was run on the "Discovery" and "Fred Ck." grids. Approximately 10 E-W trending conductor axes were identified with strike lengths up to 3 km. The location of the conductors suggests they correlate with faulting and shearing near or along lithologic contacts.

Several anomalies correspond directly to known gold-quartz vein systems in the "Discovery Zone".

Dighem Surveys & Processing Inc. performed 402 line km. of EM/resistivity/magnetic/VLF-EM. Based on interpretation of data this survey outlined the following high priority targets:

1) ANOMALIES 10200A, 10210A & B: Located 2.7-3.0 km. NNE of the mouth of Walker Ck. these are classed as weak strength, well defined, narrow conductive source within bedrock, E-W trending resistivity low and EM conductive zones associated with a very weak mag high. Since this target is associated with the regional E-W trending fault system which aligns with most of the known gold mineralization on Valentine Mountain area, this target is a high priority follow up.
2) ANOMALIES 10351 to 10401: Located 1.7-2.1 km. NE of the mouth of Walker Ck., this prominent mag high is associated with a 40-60 m. wide, magnetite enriched, intrusive granodiorite/orthogneiss sill/dyke.
3) ANOMALY 10481: Located at the east end of the "BN Zone" Au soil anomaly (700 m. east of Jordan R.) is a convergent E-W and NW-SE magnetic break interpreted as a cross fault along the main E-W trending Au zone. The close proximity of this feature to strong Au soil geochem makes this area very important as a follow up target.
4) ANOMALIES 10590 to 10610: Located 1 km. north of the mill ("Discovery Zone"), this target is a very weak positive EM response, coincident with a well defined ENE-WSW trending mag axis as well as a 1,000 ohm-m resistivity gradient, suggesting a contact with a more conductive unit to the northeast and a more resistive unit to the southwest.
5) ANOMALIES 10720 to 10760: Located in the NE corner of the survey and within south trending tributaries of Valentine Ck. (which contain anomalous Au values in stream sediments), are 3 sub-parallel, ENE-WSW trending moderate strength EM conductors.

Valentine Gold geologists took 890 rock chip samples as part of a property wide survey and identified the following zones of interest:

1) "BN Zone": Samples up to 0.160 opt Au.
2) "Braiteach Zone": Samples up to 0.530 opt Au with 11 samples in excess of 0.006 opt Au.
3) "Fred Ck. Zone": Samples up to 0.180 opt across width of 1.0 m. located about 150 m. west of DDH #FC-1.
4) "Metchosin Volcanics": Samples up to 0.420 opt Au located 550 m. south of the east end of the Bear Creek Reservoir.

PETROGRAPHIC ANALYSIS:

Vancouver Petrographics Ltd. (Dr.John Payne, Dr Jeff Harris, & Wendy Sisson) prepared detailed reports on core and trench samples. A summary of their work is listed below:

1) The main rock types which host ore in the vicinity of the "Discovery Zone" trenches are a) metasandstone, b) metasiltstone, c) metamudstone. Less abundant host rocks include garnet-bearing schist and a mafic volcanic rock altered to chlorite-carbonate-epidote-actinolite. Several 1-3 m. wide granodiorite/quartz diorite dykes/sills cut the above sequence.

2) Regional deformation resulted in a series of SE trending folds with steeply dipping axial planes and moderately ESE plunging fold axes. Strongly folded, finely banded argillitic schist is crosscut at a high angle by quartz veins up to 10 cm. across. These veins are folded moderately to tightly about axes which may be coaxial to those which had already deformed the schist host rock. This suggests that two pulses of deformation occurred in the same stress field, and were separated by a tensional event during which quartz veins were introduced.
3) Rocks from the "Braiteach Zone" are less deformed, and contain less interbedded argillaceous siltstone/mudstone than the "Discovery Zone".
4) Early quartz veins are distended and smeared out, being locally obliterated in part. Less deformed quartz veins may represent later veins which represent tensional dilation that crosscuts the regional trend of foliation at a small angle.
5) The "Discovery Zone" gold bearing veins contain quartz which has deformed and partly recrystallized to much finer aggregates, with inclusions of quartz with abundant fine grained pyrite and/or pyrrhotite along grain boundaries. Native gold occurs in later, discontinuous veinlets and replacement patches, whose emplacement is moderately controlled by grain borders of deformed quartz. Locally, native gold (and pyrrhotite) occurs in tiny tiny inclusions in coarse grained arsenopyrite.
6) Paragenetic assemblages suggest that during metamorphism, native gold and arsenopyrite were concentrated into shears zones (preferentially in fold closures), and in part into quartz veins formed during early stages of deformation. The presence of K-spar envelopes and euhedral tourmaline suggests a component of hydrothermal contribution to Au-As bearing mineralization. At a later stage, further quartz veins formed, and gold migrated into some of these, possibly near the end of the deformational event.

Pincock, Allen & Holt Inc. (Dr. George Armbrust) prepared a paper entitled A Review of the Valentine Mountain Property Vancouver Island, B.C. This report is summarized as follows:

1) Visible gold occurred in 9 of 10 drill holes, however due to the erratic wide range in gold values for the quartz vein intervals, confidence in the calculated grade is not sufficient to categorize this resource as a reserve. The main problem is the coarse grained nature of the gold.
2) PAH Inc. recommends systematic bulk sampling of trenches on veins in the "Discovery Zone" as well as further exploration on previously identified high priority targets (approximate budget of $400,000).
3) A second phase recommended by PAH Inc. would involve underground testing on the veins in the "Discovery Zone" to a depth of 40 meters by driving a decline on the veins (approximate budget of $6,000,000)
4) There is a reasonable possibility for the discovery of a deposit containing 500,000 to 1,000,000 tonnes @ 10-15 g/t Au (o.3-0.5 opt Au).

Gord Allen, P.Eng. reviewed the data and recommended the following work program:
1) Trace known mineralized structures to depth and to the west in order to outline new ore reserves.
2) Excavate "C", "B", & "D" vein systems 120 m. strike length starting near cross trench #1 and working west towards the mill. Core drilling along this strike length to intercept vein systems at shallow, medium and deep depths (approximately 30, 60 & 90 m.).

3) Detailed surveying to tie in all drilling, trenching and grids.
4) Underground exploration of "Discovery Zone" @ estimated cost of $1,575,000 (Chamberlain, 88).
5) A 120 m. deep drill hole to test the horizon 25 m. east of Au intersection (0.136 across 3.0 m.) in DDH 88-12 located on banks of Jordan R.
6) Property wide prospecting, mapping and sampling anomalous Au in soil and silt sampling.

Dr. J.A.Chamberlain, P.Eng. of Dolmage Campbell Ltd. prepared a development proposal for the "Discovery Zone" which is summarized below:

1) The Valentine property presents a classic example of dealing with the nugget effect when attempting to obtain a representative sample. Gold is erratically distributed along planar features over widths of a few cm. and exhibits sharp cutoff grades in adjacent wall rock.
2) The veins are narrow with little alteration of wall rocks, however they are continuous planar features for hundreds of meters along strike and down dip extensions are confirmed by drilling to at least 200 m.
3) Out of 39 drill holes in the "Discovery Zone" there were 10 intersections greater than 0.1 opt Au (across widths of 0.3-1.0 m.) and 2 of these intersections were greater than 7.0 opt Au. The drill program appears to be useful at confirming vein location at depth, but not very good in terms of establishing ore reserves.
4) Surface trenching of gold-quartz veins in the "Discovery Zone" has met with limited success not only because of overbreak is hard to control, but also because free gold tends to work its way downward into available openings during excavation.
5) Channel sampling across veins at surface has been less than satisfactory due to the erratic distribution of gold.
6) Present knowledge about the "C" & "B" vein systems in the "Discovery Zone" indicates they have an aggregate strike length of at least 800 m. and a down-dip extension of 200 m. Using these dimensions across a stoping width of 1.5 m. and S.G. of 2.65 results in the total of 636,000 tonnes (800X200X1.5 X2.65) of which approximately 44,500 tonnes could be expected to contain 89,000 troy ounces of gold (@ 2.0 opt Au).
7) Assuming a crosscut and drift was located 40 m. below surface (760 m. elevation), the total vein material above this level would be about 130,000 tonnes of which 9,000 tonnes (across 1.5 m. width) could be expected to contain 18,000 troy ounces of gold.
8) The statistics used for grade and tonnage calculations are weak because of the limited amount of samples. True reserves could be lower or higher than stated, however the virtual two-dimensional nature of the target, locally poor recovery and other related sampling factors suggest that reserve estimates are understated rather than overstated.
9) A 270 m. crosscut adit with portal at 760 m. elevation, 150 m. of drifting and 50 m. of raising are recommended as a first phase of underground exploration for the purpose of establishing proven reserves (approximate budget of $760,000)
10) A second phase of underground exploration would include: a) extend drift 270 m. to north portal b) extend crosscut 45 m. c) subdrift 100 m. d) raising 80 m. (approximate budget $815,000).
11) If the Valentine vein system is explored and developed with close geological control and mined carefully so as to keep dilution to a minimum, it could be a small but lucrative producer for many years.

4.11 **1989**

Noranda Exploration Ltd. optioned the property to explore for Kolar, India and/or Bendigo, Australia type auriferous quartz systems. The detailed exploration program focused on the "Discovery Zone" (west extension), "Braiteach:" & "BN", and Walker Ck. areas and consisted of 17.8 line km. of IP, 51.6 km. of magnetometer surveys, geological mapping (81.4 km. grid lines), 1,355 soil samples, 1,121 rock chip samples, & 727.2 m. of diamond drilling in five holes. Expenditures for this program were about $500,000 and are summarized as follows:

1) Unit 2 gneiss (metasandstone) is divided into 2 sub-units: 2a) meta-greywacke has a better developed schistosity and higher % of lithic fragments than 2b and is generally darker coloured, 2b) massive metasandstone light to dark grey colour with minor schistosity with 5% disseminated biotite. Unit 2b is very hard to break because it has been partially recrystallized.
2) Unit 1 schist (metapelite) is divided into 5 sub-units: 1a) phyllite, extremely fine grained and fissile, with abundant sericite and minor biotite on cleavage surfaces as a result of retrograde metamorphism related to movement along proximal faults. 1b) biotite schist, medium grey to black colour, quartz and biotite form light and dark bands 1-3 mm wide, garnet and/or andalusite/staurolite porphyroblasts are often observed within the biotite schist. 1c) Biotite-garnet schist, similar to 2b with the addition of 1-10 cm. reddish brown, euhedral garnet crystals. 1d) Biotite-garnet-staurolite schist, similar to 1c with the addition of euhedral staurolite commonly cruxiform. 1e) Biotite-garnet-staurolite-andalusite schist, similar to 1d with addition of 1-8 cm., pink andalusite porphyroblasts.
3) Cataclastic textures observed in unit 1 schist consist of angular quartz fragments that have been deformed and flattened in the direction paralleling schistosity as a result of mechanical forces caused by proximal faults and/or overthrusts.
4) Unit 5 Eocene intrusives consist of quartz diorite which occurs as a 2.8 km. long X 0.1-0.6 km. wide sill feature that widens out in Walker Creek. This quartz diorite has numerous 1-3 m. wide aplite sills with localized 1-3 mm wide orange-red colour, euhedral garnets.
5) Unit 6 pegmatite is leucocratic with calcic feldspar, sericite, quartz and localized tourmaline crystals up to 10 cm. in length. Pegmatite dykes and sills range from 0.1-1.5 m. width and occur in the Walker Creek area.
6) 1-5 cm. wide parasitic "S" and "Z" folds were observed in schist layers and quartz veinlets, which serve as a guide to direction of fold hinges and indicate a major E-W trending, gentle east plunging anticline along the axis of Valentine Mountain Ridge.
7) Quartz veins occur throughout all rock units mapped and vary from 0.05 to 2.0 m. width. They are generally milky white "bull" quartz with occasional subhedral crystals. Limonite is frequently observed, minor fine grained pyrite and lesser pyrrhotite occurs as fracture coatings in quartz. Arsenopyrite crystals were observed in quartz veins and wall rock. There appears to be an association of arsenopyrite and gold bearing quartz veins.
8) Gold bearing zones within the amphibolite are associated with pyrrhotite aggregates (forming 3% of total volume), however not all pyrrhotite zones contain gold mineralization.
9) Quartz veins hosted in schist (metapelite) generally parallel well developed schistosity. In gneiss (metasandstone), quartz veins 0.05-0.1 m. wide cut sandstone beds at angles of 30-45 degrees, and bedding is at low angles to foliation.

10) Variation in quartz veining between various lithologic units reflects the units themselves, i.e. quartz vein material is of metamorphic origin with relatively minor influence of hydrothermal activity. Phyllites contain the least quartz and metasiltsones contain the most quartz, with amphibolite and metasandstone containing relatively medium amounts of quartz.
11) Gold bearing quartz veins are predominantly hosted by metasandstone. The "B" quartz veins are translucent to transparent and commonly light orange in colour and the "C" vein is generally grey black in colour. Gold mineralization occurs within the vein material as well as the adjacent wall rock.
12) Magnetometer data shows a strong, narrow, 120 trending dipolar (high and low) feature east of L 18100 E. In the area of the "Discovery Zone" this feature appears as a broad mag high over the amphibolite unit (probably caused by increased magnetite and/or pyrrhotite) and an adjacent mag low to the north which may reflect massive metasandstone. West of L 17600 E, a similar, narrow magnetic response has a more subtle character. The pronounced background and source shift hints at a possible fold axis occurring on L 17600 E at stn. 20750 N (also observed by IP data).
13) IP data from the west "Discovery Zone" indicates a chargeability/resistivity high and coincident Au soil geochem anomaly between L 20600 E/20087 N and L 19600 E/ 20137 N. Core drilling this target between L 19800 E and L 19900 E proved to be successful in identifying two gold bearing zones localized along the contact of mixed metapelite/metasandstone and altered amphibolite. DDH 89-24 intersected 2.301 opt Au across 0.3 m. @ 59.1-59.5 m.
14) IP data from "BN" and "Braiteach" zones identified a similar IP chargeability/resistivity high and coincident Au soil geochem anomaly between L 17150 E to L 18000 E located parallel and 50-125 m. north of the baseline.
15) "Braiteach Zone" DDH 89-20 and 89-21 were collared on the west projection of Au intercept 0.136 opt Au across 3.0 m. in DDH 88-12. DDH 89-20 cut 17.8 m. overburden, the following 99.1 m. cored through amphibolite with 5-7% quartz as stringers and veinlets with no significant Au values. Increased quartz, with 3-4% pyrite, pyrrhotite and chalcopyrite occur at 62.8-63.8 m. Fault breccia and gouge with 2-3% pyrite and pyrrhotite was cut at 76.5-77.8 m. An increase in biotite rich layers occurs at 77.8-84.4 m. with up to 4% disseminated pyrite, pyrrhotite and chalcopyrite. DDH 89-21 had 25 m. of overburden, followed by 86.1 m. of amphibolite. An increase in biotite rich layers with 4% disseminated pyrite, pyrrhotite and chalcopyrite occurs at 75.1-82.6 m. Fault gouge and shearing with 2-3% pyrite occurs at 93.5-94.7 m. and 103.3-109.0 m.
16) "Discovery West" DDH 89-22,23,24 were drilled to intersect an IP target of high chargeability and resistivity which coincides with anomalous Au geochem and is interpreted as being the west extension of the "C" and "D" vein systems. DDH 89-22 cut 3 quartz veins, the largest being 20 cm., with mineralization consisting of 10% pyrite and 1% pyrrhotite. The "D" vein system located 4 m. above the metasandstone/amphibolite contact returned 740 ppb Au over 1.5 m. Within the amphibolite at 148.3-149.3 m. there is a 1.0 m. interval with visible gold that returned 0.027 opt Au. DDH 89-23 cut two quartz veins, the largest being 0.35 m. wide with 1-2% pyrite and 1% pyrrhotite which are interpreted as the "C" vein system was intersected at 56.9-58.4 m. returning 0.040 opt Au across 1.5 m. width and the "D" vein at 106.5-108.0 m. assaying 0.028 opt Au across 1.5 m. DDH 89-24 cut 4 quartz veins, the largest being 0.41 m. wide, with 1-2% pyrite and less than 1% pyrrhotite. DDH 89-24 intersected 2.301 opt Au across 0.4 m. @ 59.1-59.5 m. depth. This intersection is

situated 2.2 m. above the metasandstone/amphibolite contact and is interpreted as the "D" vein system. At 69.0-70.0 m. depth, DDH 89-24 cut a biotite rich layer with 0.5% euhedral garnet porphyryblasts, 1-2% pyrite and 1% pyrrhotite which returned assay values of 0.087 opt Au across 1.0 m. At a depth of 129 m., DDH 89-24 intersected a 5 m. wide band of 2-3% pyrrhotite blebs (with assay values up to 0.013 opt Au across 0.4 m.), and the projected IP chargeability high correlates with this mineral zone.

17) Detailed mapping of the "BN Zone" shows the gold-bearing quartz vein systems are predominantly hosted by gneiss (metasandstone, unit 2), typically with 10-20% biotite and exhibiting "woodgrain texture". There is some interbedded biotite-garnet-staurolite schist (unit 1) at L 17600 E/20935 N where there are 5-25 m. wide quartz vein swarms along the contacts of unit 1 & 2. At the southern edge of the Au soil anomaly is a massive, chlorite altered amphibolite (unit 3). A total of 41 rock chip samples were taken with the following highlights:

SAMPLE #	Au ppb	As ppm	WIDTH m.
59655	5950	2219	0.03
58559	5530	3	0.05
59662	3960	1730	0.02
59660	3850	573	0.02

18) "Braiteach Zone" trench sampling is summarized as follows: a) Zone #1outcrops in a road cut on J-6 logging road where specks of visible gold were found in limonitic, vuggy quartz hosted in a hydrothermal alteration zone within metasandstone. Out of 5 channel, 3 panel and 1 grab sample, the highest geochemical value returned was 390 ppb Au and 538 ppm As. b) Zone #2 is located 55 m. north of the baseline on L 16800 E where a 0.08 m. wide E-W trending quartz vein was channel sampled in 11 locations along the outcrop, returning a high value of 740 ppb Au, and 875 ppm As. c) Zone #3 is 80 m. WNW of zone #2 and consists of a main E-W trending, steep north dipping quartz vein with 10-20% quartz stringers 1 m. from the vein, which decrease with distance from the main vein. Results produced a high value of 150 ppb Au and 1063 ppm As. d) 8 chip samples from Zones #4-6 returned values up to 159 ppb Au and 25 ppm As.

19) Rock chip sampling on the Peg and Bo Claim Groups (Walker Creek area), returned 0.67% Cu across 0.2 m. and 0.28% Cu across 0.1 m.

20) Recommendations for further work include exploration and development of low tonnage, high grade ores shoots along the 7 km. strike length which is known to host gold-bearing quartz vein systems.

4.12 **1990**

Dr.E.W.Grove, P.Eng. submitted a Summary Geological Review of the Valentine Mountain Gold Project. This comprehensive text with figures highlights most of the data presented in this 1997 review and was used as a reference for data compilation. A summary of Dr. Grove's recommendations is listed below:

1) "C" vein stage 1- Stripping and trenching along vein @ 25 m. intervals, 2,300 m (7,544 ft.) core drilling, geological support, assays (approximate budget $387,000, see Appendix J).

2) "C" vein stage 2- Mining 20 X 50 X 1 m. block, geological support, assays (approximate budget $206,500, see Appendix J).
3) "BN & Braiteach Zones"- 1,000 m. (3,280 ft.) core drilling, geological support, assays (approximate budget $158,300, see Appendix J).

The total budget recommended for the three programs of exploration and development listed above is approximately $752,600 (Appendix J).

4.13 **1992**

Beau Pre Explorations Ltd. shipped 2.196 tons of crushed ore from the "C" vein system to Nesmont Precious Metals Corp. which gave the following results:

SAMPLE ID	Au opt	Ag opt	WEIGHT lbs.	WEIGHT OF DORE BAR
Concentrate	812.5	303.5	9.124	5.448 troy ounces
Middlings	11.82	29.23	12.613	not smelted
Tails	0.111	0.04	4370.263	not smelted

A 0.5 kg. control sample of the above bulk sample was sent to Bondar-Clegg for a check assay, and it returned 1.551 opt Au and 0.20 opt Ag.

4.14 **1994**

Fairbank Engineering Ltd. performed detailed mapping and channel sampling of the "C" vein across widths of 0.1-1.2 m., at 5 m. intervals, along a total strike length of 35 m. A summary of his work is as follows:

GRID #	SAMPLE #	WIDTH m.	Au opt	Description
0 W	1	0.15	0.714	vein
0 W	2	0.20	0.095	vein
5 W	3	0.07	0.309	vein
5 W	4	0.40	0.009	wall rock
5 W	5	0.65	0.001	wall rock
15 W	6	0.07	0.880	vein
15 W	7	1.10	0.006	wall rock
20 W	8	0.11	0.075	vein
20 W	9	0.10	0.001	wall rock
25 W	10	0.09	0.487	vein
25 W	11	1.00	0.004	wall rock
25 W	12	0.13	0.001	wall rock
30 W	13	0.90	0.011	wall rock
30 W	14	0.30	0.036	wall rock & vein
33 W	15 Simon vein	grab	0.071	vein

Proton Engineering and Construction Ltd. revised the plant process flow sheet for a 50 ton per day pilot mill. There processing recommendations include screening and crushing mine ore, whereby fine ore is fed to the ball mill and then jigged and gravity tabled to produce table

concentrate, the reject is recycled through a 6" cyclone classifier and then through a rougher and 2 cleaners to produce a final concentrate and tailings.

This plant, as described above (with minor modifications, see Appendix I), is presently on site 100 m. west of the "C" trench, which is being used for mine ore.

The B.C. Geological Survey Branch and the G.S.C. prepared a paper titled Andalusite in British Columbia- New Exploration Targets (Dr. G. Simandl, et.al.). There was a chapter of this paper devoted to the Leech River Area with specific mention of possible economic deposits within the subject property. A point form summary of this paper is given below:

1) Typical grades of primary "hard rock" andalusite ores vary from 7 to 20%. Typical production capacities of individual mines vary from 25,000 to 65,000 tonnes per year.
2) The coarser the crystals, the easier it is to upgrade the ore. Garnet and staurolite typically coexist with andalusite and where grades and textures permit, they are recovered as byproducts.
3) Most of the area east of Valentine Mountain contains andalusite strongly retrograded to either mica and staurolite or mica and chlorite. The retrograde alteration appears to be strongest in the "Discovery Zone"
4) The degree of retrograde alteration diminishes westward where an E-W trend formed by occurrences mapped by sample reference # LR 114,13,32,35 & 37 is especially interesting & may host economic andalusite-garnet-staurolite zones (Simandl, 1994).

4.15 In 2009, Mill Bay Ventures Inc carried out 544.7 meters of BQTW core drilling on Valentine Mountain Gold Project (December 9-20, 2009). The core drilling program consisted of 5 drill holes (number 1-4 at Log Dam, number 5 at Discovery North Zone), ranging from 160-527 feet (48.77-160.63 meters) in depth. A total of 138 core samples were mechanically split. performed Split core sample lengths ranged 1-10 ft (0.305-3.048 m) interval lengths. Values > 0.5 g/t Au are listed from drill holes 2, 3 & 5 as follows:

LOG DAM-V09DDH-2: interval 16.7-18.3 m **(length 1.5 m) 0.52 grams/tonne Au** (interval 55-60 ft, **length 5 ft, 0.015 troy ounces/short ton Au)**

LOG DAM-V09DDH-3: interval 88.4-89.9 m **(length 1.5 m) 0.83 grams/tonne Au** (interval 290-295 ft, **length 5 ft, 0.024 troy ounces/short ton Au)**

WEST DISCOVERY-V09DDH-5: interval 22.3-22.6 m **(length 0.3m) 0.62 grams/tonne Au** (interval 73-74 ft, **length 1 ft, 0.018 troy ounces/short ton Au)**

Log Dam: Features a 300 X 25 m area of anomalous Au and As in soil, as well as a coincident IP chargeability high and magnetic total field low geophysical anomaly. The geochemical and geophysical anomalies follow an east-west trend, dipping steeply south, that traces the amphibolite lithology (unit 3a/b, metavolcanic tuff/flow). The Log Dam is located 22 m north and 18 m east of drill hole collar V09DDH-2 and 89 m north and 169 m east of V09DDH-3. The Log Dam Zone features silicification (quartz carbonate vein/replacement). Mineralization consists of minor amounts of pyrite, pyrrhotite (0.1-2%), with trace chalcopyrite, arsenopyrite that is hosted in chloritized, silicified and carbonate altered amphibolite (metavolcanic). Pyrite

and pyrrhotite occur as disseminations and veinlets, and in quartz vein/replacement. Gold values >0.5 g/t Au in split core samples from drill holes 2 & 3 are hosted in silicified amphibolite. Additional drilling is recommended on strike, east and west of the 4 holes (V09DDH-1 to 4) to trace gold-bearing mineralization hosted in amphibolite lithology. The magnetic total field low geophysical anomaly and coincident Au in soil anomaly is located east of the Log Dam and is a potential drill target.

Discovery North: Gold bearing mineral zones follows an east-west trend (dipping steeply south), that traces the contact between the amphibolite and schist rock unit. The amphibolite/schist lithology contact is characterized by shearing/faulting and silicification (quartz carbonate vein/replacement). Mineralization consists of minor amounts of pyrite, pyrrhotite (0.1-2%), with trace chalcopyrite, arsenopyrite hosted in chloritized, silicified and carbonate altered amphibolite (metavolcanic) and schist (metasediment).

4.16 In 2011, a program of 6 diamond drill holes (1,464.1 m total), was completed on the Lower BN and Discovery East Zones. The objective of the drilling was to intersect depth extensions of known mineralization in previous drill holes. The following results were obtained from drill holes collared on the east extension of the Discovery Zone:

DISCOVERY ZONE EAST:

Sample No	DDH No	From (m)	To (m)	Interval length (m)	Au grams/tonne	Au troy ounces/ton
52537	V11DDH-4	172.82	174.1	1.31	1.22	0.036
52551	V11DDH-4	242.99	243.99	1.0	0.62	0.018
52671	V11DDH-5	194.1	195.7	1.6	1.11	0.032

No significant precious metal values were intersected by drilling on the Lower BN Zone.

5.0 PROPERTY GEOLOGY

The following legend is used to describe rock types of the Leech River Group and younger intrusive rocks which underlie the Valentine Mountain mineral tenures:

EOCENE AND YOUNGER? INTRUSIVE ROCKS

6 Pegmatite, Leucocratic dykes and sills

5 Quartz diorite, minor granodiorite, granite
5a Aplitic dykes and sills (leucocratic, fine grained)

TRIASSIC TO CRETACEOUS? LEECH R. GROUP METAMORPHIC ROCKS

4 Phyllite (finer grained and better cleaved than schist)

3 Amphibolite (metavolcanic)
3a Tuff
3b Flow
3c Pervasive chlorite alteration

2 Gneiss (metasandstone)
2a "Dirty"- greywacke
2b "Clean"- metaquartzite

1 Schist (metapelite)
1a Biotite schist
1b Biotite-garnet schist
1c Biotite-garnet-staurolite schist
1d Biotite-garnet-staurolite-andalusite schist

Refer to chapter 4 for detailed summary of property rock types and their correlation with various types of alteration, mineralization, and mode of occurrence.

6.0 2012 FIELDWORK
6.1 METHODS AND PROCEDURES

Mill Bay Ventures Inc completed 3 diamond drill holes on their 7,084 acres (2,867 hectares) 100% owned Valentine Mtn Au project (work carried out Oct 6-Nov 14, 2011). These 3 drill holes range from 678-1,717 feet (206.7—523.34 meters) in depth. A total of 291 split core samples (ranging from 1-10 ft or 0.3-3.28 m interval length), and 18 blank samples (inserted every 20 samples for data verification purposes), have been geochemically analyzed at ALS Minerals Group, N Vancouver, BC. The samples are subjected to aqua regia digestion. A total of 1,250.6 m of diamond drilling was carried out with a Hydracore 2000 core drill using NTW (2 inch inside diameter) drill rods. A total of 2 drill holes (V11DDH-7 & 8) were collared on roads located 350 meters south of the 'C' trench, and 1 drill hole (V11DDH-9) was located on a road located 120 m south of the 'D Vein' structure along 'Discovery West Zone (Fig 2 & 3). A summary of drill data is listed as follows:

Diamond Drill Hole Number	Final Depth	Azimuth	Dip	DDH elev.
V11DDH-7	523.34 m	020	-58	764 m
V11DDH-8	520.6 m	000	-55	756 m
V11DDH-9	206.65 m	000	-45	830 m

The diamond drilling was carried out by contract (Neill's Mining, Langford, BC). Core samples were logged and photographed by the writer shortly after the drilling was completed. Core was split in half using an electric powered, diamond blade core saw. One half of the split core was placed in the core box in the same direction it was removed. The other half of the core was placed in marked sample bags and shipped to ALS Laboratory Group, N Vancouver, BC for multi-element element ICP and Au geochemical analysis (Appendix A).

6.2 2011 DIAMOND DRILLING & GEOCHEMICAL ANALYSIS

Drilling was carried out on the Discovery Zone, which contains an inferred mineral resource estimate of 54,746 tonnes grading 16.4 (uncut), and 9.3 (cut) grams/tonne, equivalent to 0.478 and 0.271 opt Au (NI 43-101 compliant, see www.millbayventures.com for technical report by Jacques Houle, P.Eng, updated Oct, 2011).

The 3 drill holes (V11DDH-7, 8 & 9) range from 678-1,717 feet (206.7—523.34 meters) in depth and intersected variable quartz-sulphide vein mineralization throughout each drill hole (Fig 6-10). The Discovery Zone follows an east-west trend (dipping steeply south), and occurs adjacent to the contact between the amphibolite and schist/gneiss rock unit. Mineralization consists of minor amounts of pyrite, pyrrhotite (0.1-2%), with trace amounts of arsenopyrite hosted in chloritized, silicified and carbonate altered amphibolite (metavolcanic), schist (metasediment) and gneiss (metasandstone).

The following table lists data for Oct-Nov, 2011 DDH-7, 8 & 9 collar, direction and depth:

ddh no.	easting	northing	ddh elev	azimuth	ddh dip	depth (m)	depth (ft)	Pajari azimuth	Pajari dip	Zone Name
V11DDH-7	434530	5373883	764	20	-58	523.34	1,717	at 722 ft Az 017 at 1365 ft Az 014 at 1717 ft Az 012	at 722 ft -52 at 1365 ft -46 at 1717 ft -43	Discovery Deep
V11DDH-8	434645	5373827	756	0	-55	520.6	1,708	at 700 ft Az 357 at 1240 ft Az 353 at 1708 ft Az 351	at 700 ft -51 at 1240 ft -44 at 1708 ft -40	Discovery Deep
V11DDH-9	433937	5374165	830	0	-45	206.65	678	at 340 ft Az 358 at 678 ft Az 355	at 340 ft -41 at 678 ft -37	W Discov Deep

Note- Pajari down hole dip and azimuth test was run at various depths on all 3 holes and typically the hole would flatten and drift to the west 1-2 degrees per 100 m depth. This drifting of the drill hole is typical for Valentine Mtn and deviation was greatly reduced in 2011 drilling with the use of NTW drill rods (2" core diameter), because previuous drilling with BTW drill rods resulted in more severe deflections of 2-5 degrees per 100 m advance.

Diamond drill hole V11DDH-7, 8 & 9 cut through similar quartz-pyrite (+-pyrrhotite) veining as nearby gold-bearing drill holes, but did not contain significant precious metal values (Fig 6-10). Geochemical analysis (ALS Minerals ME-MS41 PKG TL44, Certificate VA11232049, and VA11241769) was done for 291 split core samples, and 18 blank samples (Appendix A). Results indicate that values range from 0.001-0.047 grams/tonne Au. Diamond drill hole V11DDH-7 intercepted 3,650 ppm arsenic at 141.43-141.73 m depth, however the gold values were 0.001 g/t Au. Values > 0.02 g/t Au are listed from drill hole V11DDH-9, as follows:

VALENTINE DRILL HOLE V11DDH- 9 SIGNIFICANT Au RESULTS
DISCOVERY WEST:

Sample No	FROM ft (m)	TO ft (m)	WIDTH ft (m)	Description	Au ppm	Ag ppm
DDH-9						
5289	568 (173.12)	572.5 (174.5)	4.5 (1.37)	4% qtz 0.1-1.5 cm, 1% cal, 1% diss & frac fill py, pyo	**0.0241**	0.06
5291	673 (205.13)	678 (206.6)	5 (1.5)	4% qtz 0.1-1.5 cm 1% cal, 1% diss & frac fill py, pyo	**0.0467**	0.05

Discovery West: Features a 100 X 50 m area of anomalous Au and As in soil, as well as a coincident IP chargeability high and magnetic total field low geophysical anomaly. The geochemical and geophysical anomalies follow an east-west trend, dipping steeply south, that traces the amphibolite lithology (unit 3a/b, metavolcanic tuff/flow). Discovery West is located 550 m west of the Discovery Zone (Fig 3). Discovery West Zone features silicification (quartz carbonate vein/replacement). Mineralization consists of minor amounts of pyrite, pyrrhotite (0.1-2%), with trace chalcopyrite, arsenopyrite that is hosted in chloritized, silicified and carbonate altered amphibolite (metavolcanic). Pyrite and pyrrhotite occur as disseminations and

veinlets, and in quartz vein/replacement. Gold values >0.02 g/t Au in split core samples from drill hole V11DDH-9 are hosted in silicified, chloritic and carbonate altered amphibolite.

Discovery Zone: Gold bearing mineral zones 'A', 'B', 'C', & 'D' follow an east-west trend (dipping steeply south), that traces the contact between the amphibolite and schist rock unit. The amphibolite/schist lithology contact is characterized by shearing/faulting and silicification (quartz carbonate vein/replacement). Mineralization consists of minor amounts of pyrite, pyrrhotite (0.1-2%), with trace chalcopyrite, arsenopyrite hosted in chloritized, silicified and carbonate altered amphibolite (metavolcanic) and schist (metasediment). The amphibolite/schist contact related quartz-carbonate fissure veining ('D' vein structure Discovery Zone), and other parallel vein structures of economic importance (notably the 'C Vein') were not intersected in drill holes V11DDH-7 & 8. Drill hole V11DDH-8 was stopped short of the 'D' vein structure, however quartz-sulphide vein structures were intercepted and geochemical analysis failed to show significant precious metal values.

7.0 DISCUSSION OF RESULTS

The gold-quartz veins found on the Valentine Mtn mineral tenures are hosted in a variety of metasedimentary rocks confined to sharply defined, ENE to SSE trending late fractures localized near or at the contacts of altered amphibolite units which also host gold-quartz veins and auriferous sulphide lenses. The importance of the amphibolite units as a gold source is demonstrated by V11DDH-9 (Discovery West) where values >0.02 g/t Au occur over 1.37-1.5 m width (Fig 10). The 'D' vein structure in Discovery West Zone occurs at an amphibolite/schist contact with related quartz-carbonate fissure veining. The Discovery Zone also has a 'D' vein structure next to 'E' vein.

Drill hole V11DDH-8 (Discovery Zone deep target) was stopped short of the 'D' vein structure an estimated 20-40 m deeper would be required to drill into amphibolite, however the projection of the 'C' vein structure to depth was cut by V11DDH-8, and geochemical analysis failed to demonstrate any economic precious metal bearing mineralization .

There appears to be lithological continuity of the Discovery Zone to depth of 300-500 m elevation. The gold-bearing late stage quartz-sulphide veins in the developed portion of the Discovery Zone (at 650-800 m elevation where significant Au geochemical and assay analysis occur in historic drill holes that cut the 'C' vein) are hosted in the same geological setting as V11DDH-7 & 8 (at 350-550 m elevation), consisting mostly of light colour unit 2 metasandstone, with 1-30 m wide intervals of dark colour unit 1 metapelite, and ending in the distinctly chloritized (dark green) and quartz-carbonate veined unit 3 amphibolite.

Valentine Mountain style of mineralization suggest single-pass conditions along narrow channelways (Grove, 1990). These channel-ways reflect deeply sourced metamorphic fluids (enriched in quartz, tourmaline, pyrite, pyrrhotite, and/or arsenopyrite) which have moved into a higher brittle environment and late-stage magmatic fluids (enriched in quartz, tourmaline, pyrite, pyrrhotite, and/or arsenopyrite) which have interacted and ascended into a brittle fracture environment prepared by magmatic wedging (Grove, 1984).

8.0 CONCLUSION & RECOMMENDATION

Additional drilling in the area adjacent to V11DDH-8 & 9 is not recommended.

Additional drilling in the area adjacent to drill hole V11DDH-9 is not recommended either, but further exploration drilling is recommended by stepping out laterally along strike, east and west of the Discovery, Discovery West & Log Dam Zones to trace gold-bearing mineralization hosted in amphibolite-metasandstone-metapelite lithology.

Further drilling should be targeted on the 'C' 'B' & 'D' vein structures located on Discovery Zone (east extension of trenches) 550-800 m elevation collared 100-200 m south with a shallow angle holes aimed to north.

Additional drilling should be targeted on the 'D' vein structure located on Discovery West Zone (east and west extension of trenches) 550-800 m elevation collared 100-200 m south with a shallow angle holes aimed to north.

The magnetic field low geophysical and coincident Au-As in soil geochemical anomaly over the small lake east of the Log Dam is also recommended as a target for drilling.

A program of approximately 1,000 meters (3,280 feet) of core drilling, and detailed geological mapping and surveying of the "Discovery & Discovery West Zone" and "Log Dam Zone" may expand the current resource estimate. The objective of proposed drill program is to outline extensions and discover new high grade auriferous ore shoots in order to increase indicated and inferred resource estimate. Further trenching of the 'C' and 'B' vein near surface is also recommended in order to evaluate mineral processing of auriferous quartz-sulphide veins.

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STATEMENT OF QUALIFICATIONS

I, Andris Kikauka, of 4901 East Sooke Rd., Sooke B.C. V9Z 1B6 am a self employed professional geoscientist. I hereby certify that:

1. I am a graduate of Brock University, St. Catharines, Ont., with an Honours Bachelor of Science Degree in Geological Sciences, 1980.
2. I am a Fellow in good standing with the Geological Association of Canada.
3. I am registered in the Province of British Columbia as a Professional Geoscientist.
4. I have practiced my profession for twenty years in precious and base metal exploration in the Cordillera of Western Canada, U.S.A., Mexico, Central America, and South America, as well as for three years in uranium exploration in the Canadian Shield.
5. The information, opinions, and recommendations in the Geological and Geochemical Report are based on fieldwork carried out in my presence on the subject properties during Oct 6-Nov14, 2011 during which time a technical evaluation consisting of systematic geological mapping and sampling of diamond drill core from the subject property was carried out by the writer.
6. I was employed as an independent consultant for Mill Bay Ventures Inc.
7. As at the date hereof, to the best of my knowledge, information and belief, the Geological and Geochemical Report contains all scientific and technical information that is required to be disclosed to make it not misleading.
8. Recommendations in this report are guidelines. The recommendations contained within this report are not intended for public financing.

Andris Kikauka, P. Geo.,

A. Kikauka

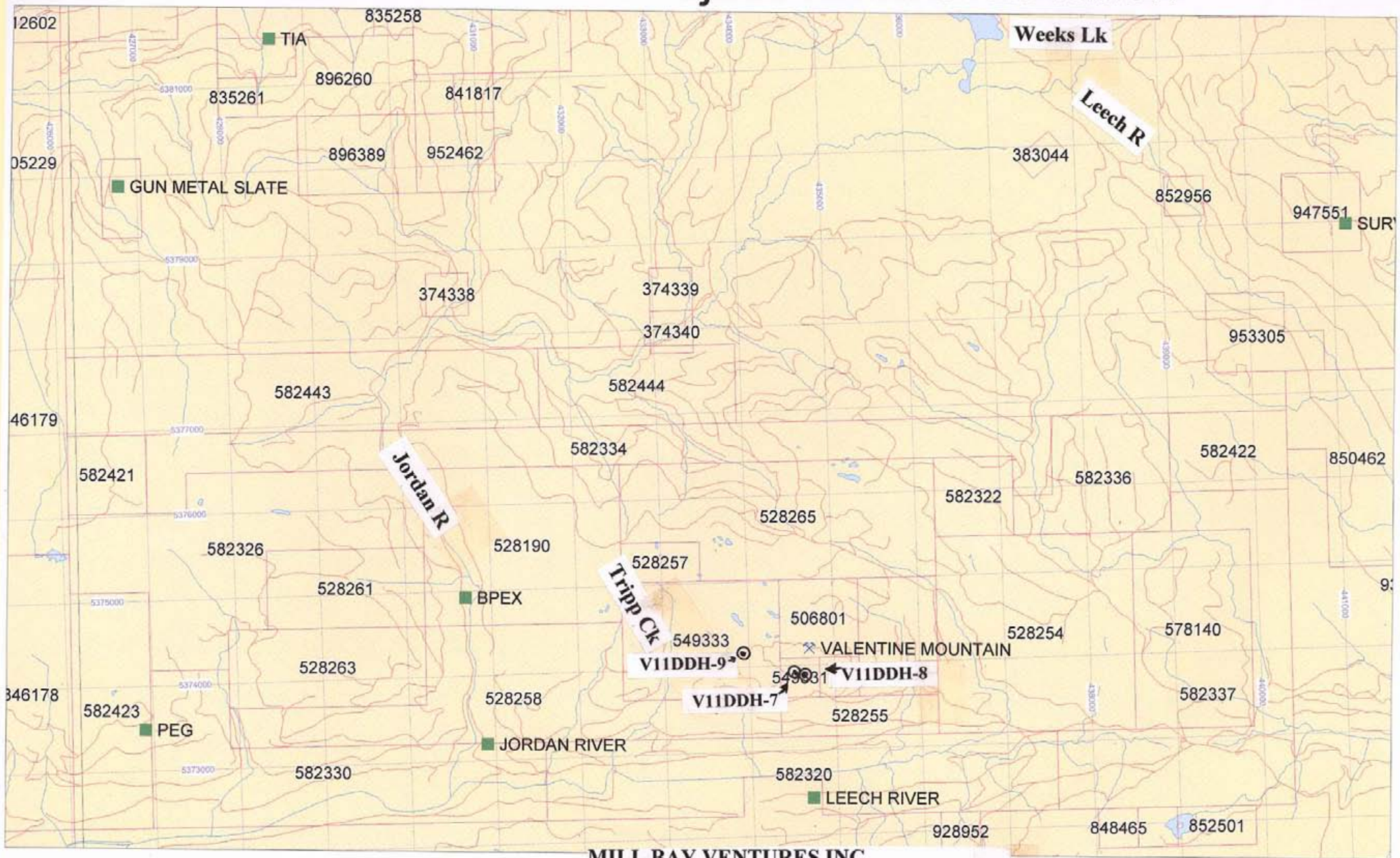
March 10, 2012

ITEMIZED COST STATEMENT-

VALENTINE MOUNTAIN GOLD PROJECT- MILL BAY VENTURES INC,
1,250.6 m CORE DRILLING, SPLIT CORE SAMPLING, GEOCHEMICAL ANALYSIS
CARRIED OUT ON MTO MINERAL TENURE NUMBERS 549331, 549333
TRIM 092B.051, VICTORIA MINING DIVISION, OCT 6-NOV 14, 2011

FIELD CREW:	
Andris Kikauka, geologist 35 days	$ 13,680.00
Bryan Beaupre, geotechnician 35 days	8,750.00
FIELD COST:	
Mob/demob	3,650.04
Woodside Excavating Ltd, drill moving and pad building	9,590.00
ALS Laboratory, 308 ICP and Au geochemical analysis	8,599.00
Vehicle and fuel costs	1, 346.03
Core drilling (1,250.6 m, by contract, Neill's Drilling Ltd)	126,125.00
Report	1,176.00
Total amount=	$ 172,916.07

Valentine Mtn Au Project General Location



SCALE 1 : 60,000

1 0 1 2 3

KILOMETERS

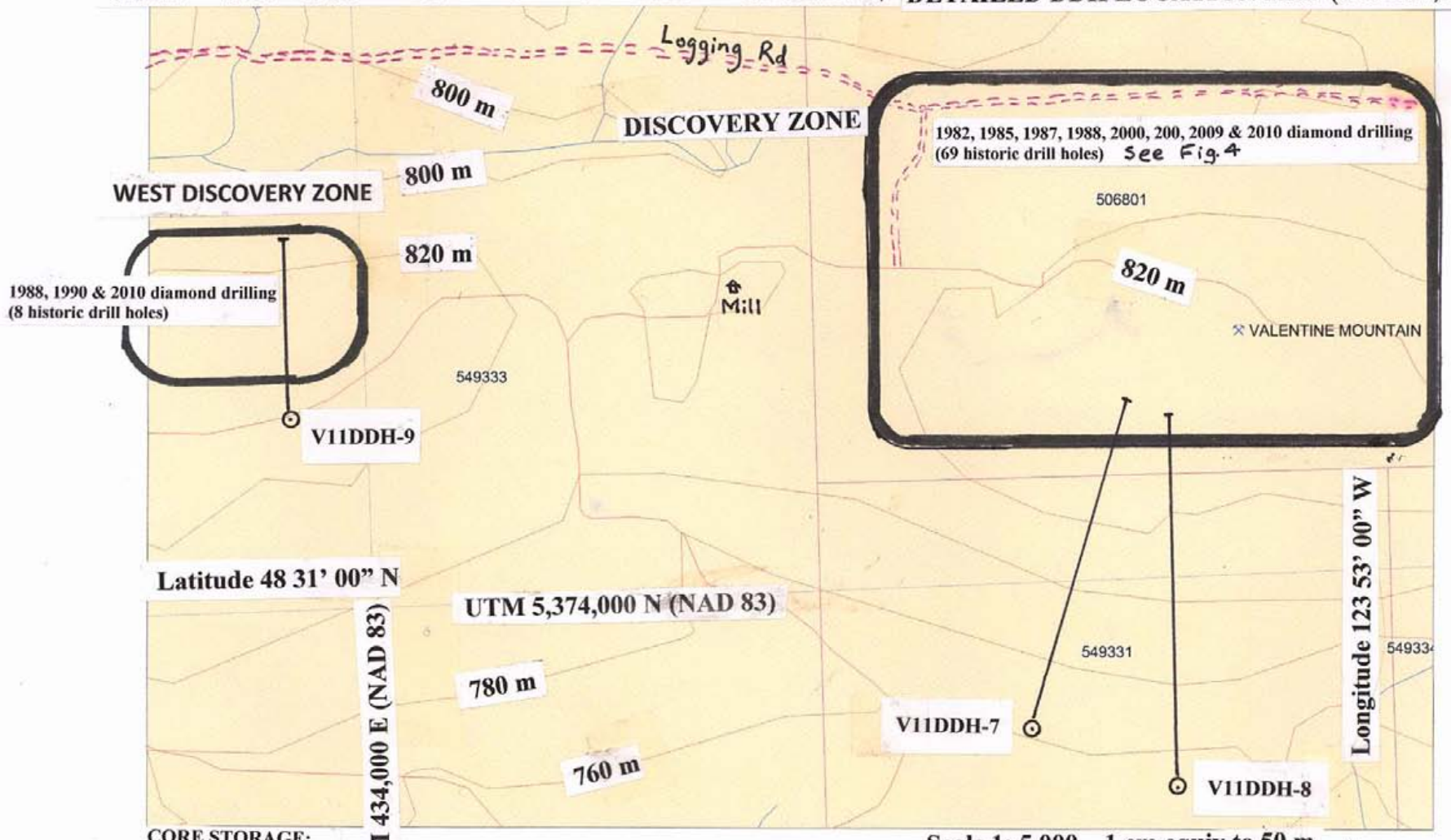
MILL BAY VENTURES INC.,
VALENTINE MTN GOLD PROJECT
FIG. 1 DISCOVERY ZONE
DDH LOCATION MAP (Oct-Nov, 2012)
BCGS Topographic mapsheet 092B.051
Victoria Mining Division

N

Valentine Mtn, Oct-Nov, 2011 DDH Locations

ddh no.	easting	northing	ddh elev	azimuth	ddh dip	depth (m)	depth (ft)	zone name
V11DDH-7	434530	5373883	764	20	-58	523.34	1,717	Discovery Deep
V11DDH-8	434645	5373827	756	0	-55	520.6	1,708	Discovery Deep
V11DDH-9	433937	5374165	830	0	-45	206.65	678	W Discov Deep

MILL BAY VENTURES INC.,
VALENTINE MTN GOLD PROJECT
FIG. 2 DISCOVERY ZONE
DETAILED DDH LOCATION MAP (Oct-Nov, 2012)



Valentine Mtn General Geology

EOIM Eocene-Oligocene Mt Washington Plutonic Suite, qtz diorite, diorite

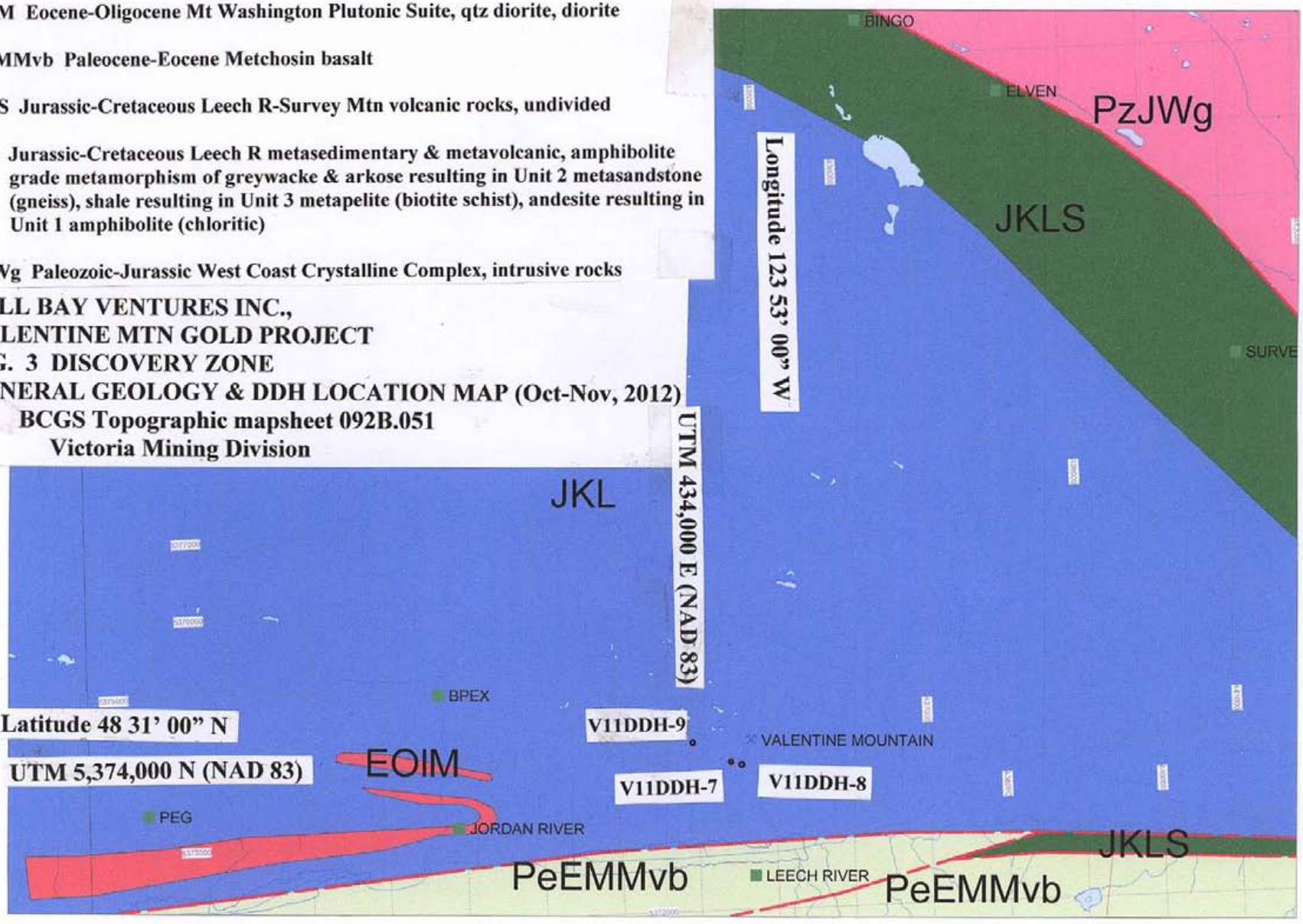
PeEMMvb Paleocene-Eocene Metchosin basalt

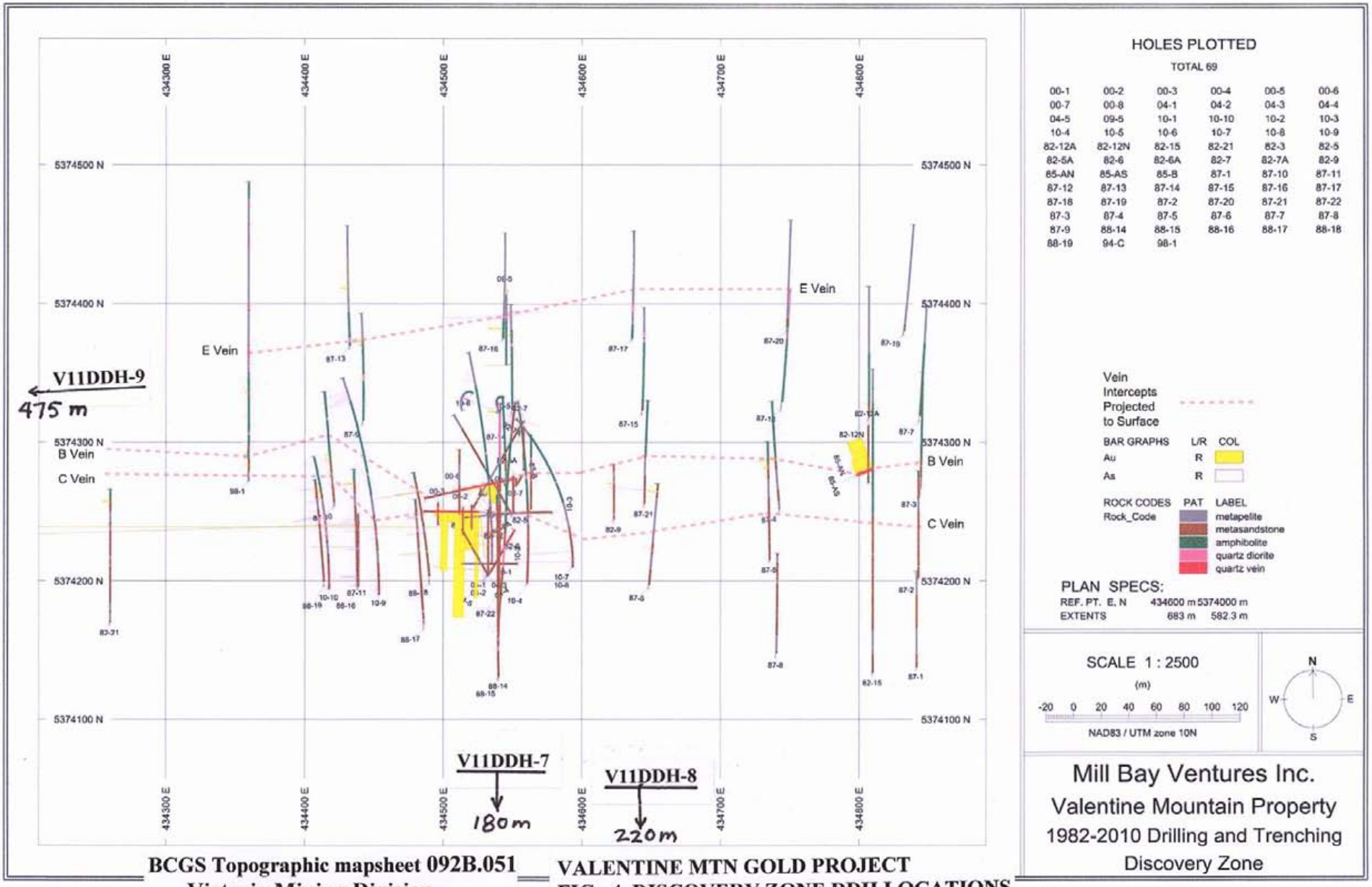
JKLS Jurassic-Cretaceous Leech R-Survey Mtn volcanic rocks, undivided

JKL Jurassic-Cretaceous Leech R metasedimentary & metavolcanic, amphibolite grade metamorphism of greywacke & arkose resulting in Unit 2 metasandstone (gneiss), shale resulting in Unit 3 metapelite (biotite schist), andesite resulting in Unit 1 amphibolite (chloritic)

PzJWg Paleozoic-Jurassic West Coast Crystalline Complex, intrusive rocks

MILL BAY VENTURES INC.,
VALENTINE MTN GOLD PROJECT
FIG. 3 DISCOVERY ZONE
GENERAL GEOLOGY & DDH LOCATION MAP (Oct-Nov, 2012)
BCGS Topographic mapsheet 092B.051
Victoria Mining Division





HOLES PLOTTED

TOTAL 69

00-1	00-2	00-3	00-4	00-5	00-6
00-7	00-8	04-1	04-2	04-3	04-4
04-5	09-5	10-1	10-10	10-2	10-3
10-4	10-5	10-6	10-7	10-8	10-9
82-12A	82-12N	82-15	82-21	82-3	82-5
82-5A	82-6	82-6A	82-7	82-7A	82-9
85-AN	85-AS	85-B	87-1	87-10	87-11
87-12	87-13	87-14	87-15	87-16	87-17
87-18	87-19	87-2	87-20	87-21	87-22
87-3	87-4	87-5	87-6	87-7	87-8
87-9	88-14	88-15	88-16	88-17	88-18
88-19	94-C	98-1			

Vein Intercepts Projected to Surface

BAR GRAPHS	L/R	COL
Au	R	
As	R	

ROCK CODES	PAT	LABEL
Rock_Code		metapelite
		metasandstone
		amphibolite
		quartz diorite
		quartz vein

PLAN SPECS:

REF. PT. E, N	434600 m	5374000 m
EXTENTS	683 m	582.3 m

SCALE 1 : 2500

(m)

-20 0 20 40 60 80 100 120

NAD83 / UTM zone 10N

N W E S

Mill Bay Ventures Inc.

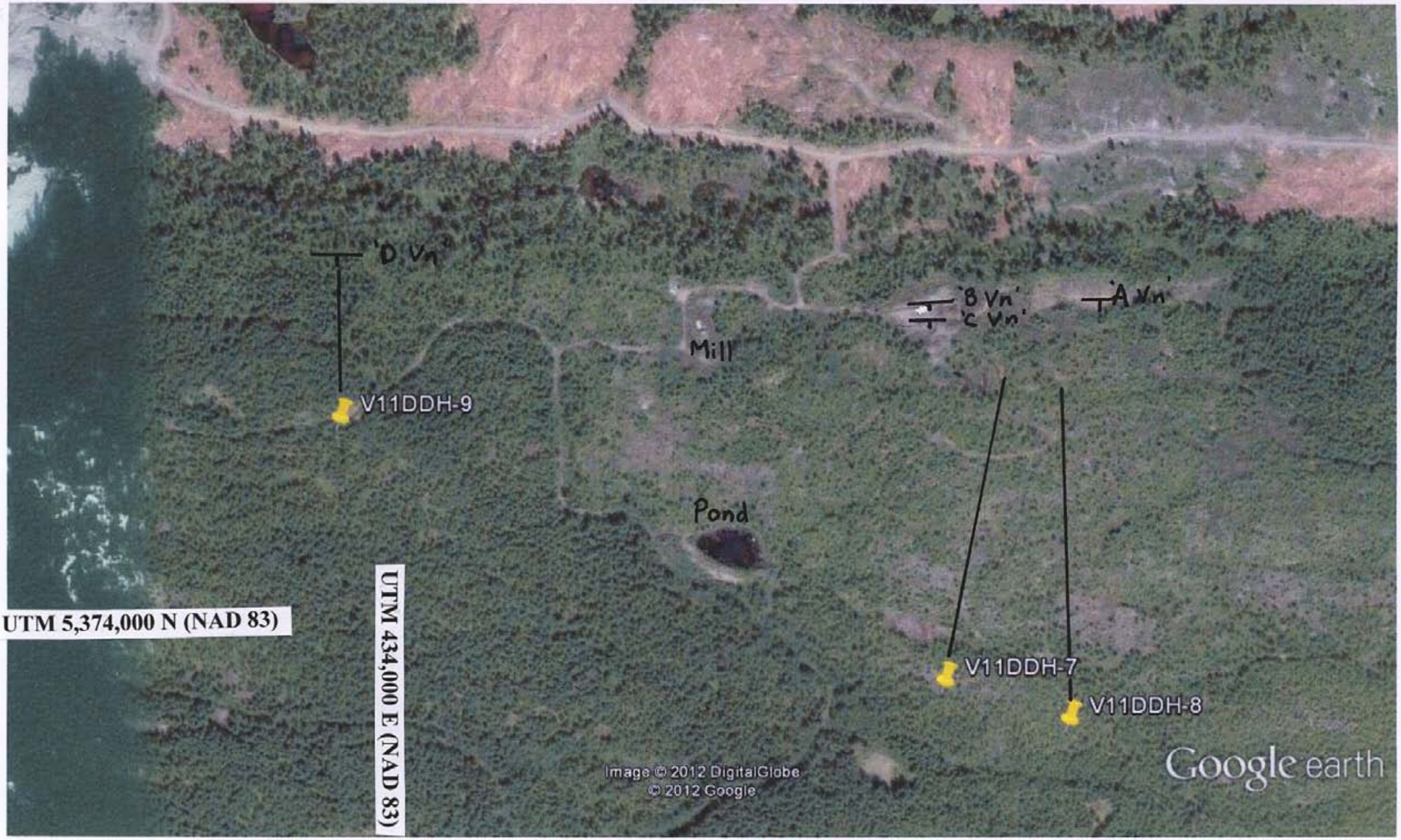
Valentine Mountain Property

1982-2010 Drilling and Trenching

Discovery Zone

BCGS Topographic mapsheet 092B.051
Victoria Mining Division

VALENTINE MTN GOLD PROJECT
FIG. 4 DISCOVERY ZONE DDH LOCATIONS
1982, 1985, 1987, 1988, 2000, 200, 2009 & 2010
diamond drilling (69 historic drill holes)



Google earth

feet 2000

meters 800

ddh no.	easting	northing	ddh elev	azimuth	ddh dip	depth (m)	depth (ft)	zone name
V11DDH-7	434530	5373883	764	20	-58	523.34	1,717	Discovery Deep
V11DDH-8	434645	5373827	756	0	-55	520.6	1,708	Discovery Deep
V11DDH-9	433937	5374165	830	0	-45	206.65	678	W Discov Deep

MILL BAY VENTURES INC.,
VALENTINE MTN GOLD PROJECT
FIG. 5 DISCOVERY ZONE & DISCOVERY WEST ZONE GOOGLE EARTH DDH LOCATION MAP (Oct-Nov, 2011)
BCGS Topographic mapsheet 092B.051
Victoria Mining Division

COLLAR UTM 434530 E, 5373883 N NAD 83
ELEVATION 764 m, AZIMUTH 020
FINAL DEPTH 523.34 m

Lithology

ppm Au Ag As

750 m

700 m

650 m

600 m

550 m

500 m

>100 ppm As

>100 ppm As

>100 ppm As

>100 ppm As

Arspy. zone

arsenopyrite 0.5%

100 m

150 m

200 m

275 m

LITHOLOGY LEGEND

EOIM Eocene-Oligocene Mt Washington Plutonic Suite, **Unit 5** qtz diorite, diorite

JKL Jurassic-Cretaceous Leech R metasedimentary & metavolcanic, amphibolite grade metamorphism of greywacke & arkose resulting in **Unit 2** metasandstone (gneiss), shale resulting in **Unit 1** metapelite (biotite schist), andesite resulting in **Unit 3** amphibolite (chloritic)

Fault — Lithology contact — Intrusive rock

MILL BAY VENTURES INC.,
VALENTINE MTN GOLD PROJECT
FIG. 6 DISCOVERY ZONE
DDH V11DDH-7 CROSS SECTION (PART A)
LOOKING WEST

BCGS Topographic mapsheet 092B.051
Victoria Mining Division

V11DDH-7
-58° EOH 523.34 m
see Fig.7

550 m

500 m

450 m

400 m

350 m

300 m

Lithology

ppm Au Ag As

275 m

COLLAR UTM 434530 E, 5373883 N NAD 83
ELEVATION 764 m, AZIMUTH 020

300 m

400 m

>100 ppm As

523.34 m

V11DDH-7

-58° dip

EOH 523.34 m

FINAL DEPTH 523.34 m

LITHOLOGY LEGEND

EOIM Eocene-Oligocene Mt Washington Plutonic Suite, **Unit 5** qtz diorite, diorite

JKL Jurassic-Cretaceous Leech R metasedimentary & metavolcanic, amphibolite grade metamorphism of greywacke & arkose resulting in **Unit 2** metasandstone (gneiss), shale resulting in **Unit 1** metapelite (biotite schist), andesite resulting in **Unit 3** amphibolite (chloritic)

Fault Lithology contact Intrusive rock

MILL BAY VENTURES INC.,
VALENTINE MTN GOLD PROJECT
FIG. 7 DISCOVERY ZONE
DDH V11DDH-7 CROSS SECTION (PART B)
LOOKING WEST

BCGS Topographic mapsheet 092B.051
Victoria Mining Division

COLLAR UTM 434645 E, 5373827 N NAD 83
ELEVATION 756 m, AZIMUTH 000
FINAL DEPTH 520.6 m

750 m
700 m
650 m
600 m
550 m
500 m

Lithology
ppm Au Ag As

50 m
100 m
150 m
200 m
275 m

>100 ppm As

V11 DDH-8 -55 dip
EOH 520.6 m
see Fig 9

LITHOLOGY LEGEND

EOIM Eocene-Oligocene Mt Washington Plutonic Suite, **Unit 5** qtz diorite, diorite

JKL Jurassic-Cretaceous Leech R metasedimentary & metavolcanic, amphibolite grade metamorphism of greywacke & arkose resulting in **Unit 2** metasandstone (gneiss), shale resulting in **Unit 1** metapelite (biotite schist), andesite resulting in **Unit 3** amphibolite (chloritic)

Fault — Lithology contact + + + + Intrusive rock

MILL BAY VENTURES INC.,
VALENTINE MTN GOLD PROJECT
FIG. 8 DISCOVERY ZONE
DDH V11DDH-8 CROSS SECTION (PART A)
LOOKING WEST

BCGS Topographic mapsheet 092B.051
Victoria Mining Division

550 m

275 m

COLLAR UTM 434645 E, 5373827 N NAD 83
ELEVATION 756 m, AZIMUTH 000

Lithology

ppm Au Ag As

500 m

325 m

425 m

450 m

400 m

>100 ppm As

LITHOLOGY LEGEND

EOIM Eocene-Oligocene Mt Washington Plutonic Suite, **Unit 5** qtz diorite, diorite

JKL Jurassic-Cretaceous Leech R metasedimentary & metavolcanic, amphibolite grade metamorphism of greywacke & arkose resulting in **Unit 2** metasandstone (gneiss), shale resulting in **Unit 1** metapelite (biotite schist), andesite resulting in **Unit 3** amphibolite (chloritic)

Fault Lithology contact Intrusive rock

350 m

MILL BAY VENTURES INC.,
VALENTINE MTN GOLD PROJECT
FIG. 9 DISCOVERY ZONE
DDH V11DDH-8 CROSS SECTION (PART B)
LOOKING WEST

BCGS Topographic mapsheet 092B.051
Victoria Mining Division

300 m

FINAL DEPTH 520.6 m

V11DDH-8
-55 dip
EOH 520.6 m

COLLAR UTM 433937 E, 5374165 N NAD 83
ELEVATION 830 m, AZIMUTH 000

ppm Au Ag As

Lithology

800 m

750 m

700 m

650 m

> 0.02 ppm Au

> 0.02 ppm Au

FINAL DEPTH 206.65 m

V11DDH-9
-45 dip
EOH 206.65m

LITHOLOGY LEGEND

EOIM Eocene-Oligocene Mt Washington Plutonic Suite, **Unit 5** qtz diorite, diorite

JKL Jurassic-Cretaceous Leech R metasedimentary & metavolcanic, amphibolite grade metamorphism of greywacke & arkose resulting in **Unit 2** metasandstone (gneiss), shale resulting in **Unit 1** metapelite (biotite schist), andesite resulting in **Unit 3** amphibolite (chloritic)

Fault Lithology contact Intrusive rock

MILL BAY VENTURES INC.,
VALENTINE MTN GOLD PROJECT
FIG. 10 DISCOVERY WEST ZONE
DDH V11DDH-9 CROSS SECTION
LOOKING WEST

BCGS Topographic mapsheet 092B.051
Victoria Mining Division

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

To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
This copy reported on
2-MAR-2012
Account: MILBAVE

CERTIFICATE VA11232049

Project: Valentine

P.O. No.:

This report is for 136 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-NOV-2011.

The following have access to data associated with this certificate:

JACQUES HOULE	ANDRIS KIKAUKA	MILL BAY VENTURES

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
Au-TL44	Trace Level Au - 50 g AR	ICP-MS
ME-MS41	51 anal. aqua regia ICPMS	

APPENDIX A- Geochemical analysis

(ALS Minerals ME-MS41 PKG TL44, Certificate VA11232049, and VA11241769)

To: MILL BAY VENTURES
ATTN: ANDRIS KIKAUKA
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

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.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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

To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-TL44 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
5001		2.94	<0.001	0.07	2.28	4.0	<0.2	<10	550	0.11	0.17	0.25	0.04	9.01	13.1	56
5002		2.70	0.020	0.05	2.18	3.5	<0.2	<10	520	0.12	0.08	0.28	0.03	10.25	12.3	50
5003		2.68	0.012	0.08	2.19	1.7	<0.2	<10	410	0.11	0.09	0.34	0.07	6.43	14.1	39
5004		2.18	0.009	0.04	2.86	4.9	<0.2	<10	620	0.18	0.04	0.65	0.04	7.19	13.1	51
5005		2.26	0.008	0.19	2.52	2.3	<0.2	<10	610	0.12	0.04	0.62	0.04	5.41	12.3	50
5006		3.10	0.008	0.07	2.30	8.5	<0.2	<10	470	0.08	0.07	0.41	0.05	9.14	13.8	47
5007		1.62	0.005	0.13	2.29	51.3	<0.2	<10	350	0.12	0.15	0.61	0.10	9.68	15.7	42
5008		2.88	0.004	0.07	2.63	2.6	<0.2	<10	480	0.15	0.11	0.86	0.06	7.00	14.5	53
5009		2.78	0.005	0.11	2.46	3.9	<0.2	<10	480	0.12	0.13	0.68	0.07	7.01	15.1	47
5010		3.00	0.005	0.07	2.34	4.8	<0.2	<10	430	0.12	0.09	0.58	0.05	9.00	12.5	43
5011		2.62	0.004	0.04	2.25	2.4	<0.2	<10	390	0.13	0.05	0.76	0.05	8.20	12.4	42
5012		2.70	0.003	0.08	2.10	5.2	<0.2	<10	220	0.19	0.06	1.08	0.06	12.20	12.4	41
5013		3.24	0.004	0.06	2.02	6.5	<0.2	<10	240	0.13	0.05	1.32	0.06	10.70	13.1	42
5014		1.70	0.003	0.05	2.10	6.4	<0.2	<10	230	0.20	0.04	1.65	0.06	13.85	12.0	38
5015		1.50	0.003	0.08	1.93	15.1	<0.2	<10	150	0.23	0.07	1.59	0.08	15.15	13.5	25
5016		0.82	0.003	0.07	2.29	245	<0.2	<10	380	0.20	0.09	1.78	0.08	12.45	15.1	47
5017		3.64	0.001	0.04	2.36	9.0	<0.2	<10	570	0.10	0.05	0.66	0.04	6.46	13.3	54
5018		3.26	0.001	0.07	2.23	4.8	<0.2	<10	430	0.12	0.12	0.82	0.06	9.50	12.2	44
5019		3.72	0.001	0.10	2.68	15.0	<0.2	<10	350	0.15	0.21	0.40	0.07	13.20	17.6	63
5020		1.92	0.001	0.08	2.08	154.5	<0.2	<10	280	0.18	0.14	0.93	0.08	12.95	12.9	50
ST-1		1.22	0.001	0.02	4.93	0.6	<0.2	<10	10	0.12	<0.01	2.54	0.04	4.34	25.0	194
5021		2.78	0.001	0.06	2.25	1.9	<0.2	<10	430	0.14	0.10	0.80	0.06	8.21	12.0	43
5022		3.22	0.001	0.05	2.01	1.5	<0.2	<10	410	0.09	0.06	0.69	0.05	7.86	10.8	40
5023		1.94	<0.001	0.04	1.88	2.2	<0.2	<10	150	0.30	0.05	1.09	0.05	20.3	9.8	30
5024		2.52	0.001	0.05	1.77	3.3	<0.2	<10	180	0.19	0.07	0.95	0.06	12.65	10.8	36
5025		2.82	0.001	0.10	1.88	2.0	<0.2	<10	150	0.20	0.14	1.36	0.09	10.05	13.2	32
5026		1.44	<0.001	0.14	2.09	35.1	<0.2	<10	170	0.26	0.18	1.64	0.16	13.65	16.0	34
5027		3.06	0.001	0.08	1.81	3.9	<0.2	<10	200	0.15	0.11	1.27	0.06	9.85	10.3	30
5028		3.62	0.001	0.07	2.04	5.0	<0.2	<10	300	0.18	0.08	0.95	0.06	11.90	11.5	40
5029		3.74	0.001	0.07	2.31	473	<0.2	<10	450	0.10	0.09	0.63	0.06	8.14	11.8	48
5030		3.94	<0.001	0.06	2.41	5.1	<0.2	<10	550	0.10	0.08	0.61	0.06	9.68	12.0	50
5031		2.98	0.001	0.06	2.21	14.3	<0.2	<10	520	0.07	0.08	0.42	0.04	8.12	12.6	54
5032		3.24	<0.001	0.05	2.27	8.5	<0.2	<10	570	0.11	0.07	0.83	0.06	7.14	11.1	48
5033		3.38	0.001	0.06	2.29	18.9	<0.2	<10	530	0.08	0.08	0.71	0.05	5.89	12.6	51
5034		4.56	0.001	0.24	2.35	19.8	<0.2	<10	430	0.16	0.18	0.70	0.09	11.65	14.2	45
5035		1.58	<0.001	0.33	1.96	8.8	<0.2	<10	290	0.13	0.19	0.76	0.15	10.05	13.4	46
5036		3.24	<0.001	0.14	2.20	6.3	<0.2	<10	350	0.12	0.13	0.87	0.08	9.35	11.5	46
5037		3.96	<0.001	0.08	2.22	12.2	<0.2	<10	540	0.10	0.04	0.65	0.05	6.28	11.3	51
5038		3.88	<0.001	0.14	2.41	17.2	<0.2	<10	510	0.14	0.12	0.49	0.08	11.15	14.0	62
5039		2.18	<0.001	0.08	2.27	172.5	<0.2	<10	330	0.15	0.12	0.61	0.07	9.63	12.4	50

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description / Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
5001	2.06	20.9	3.32	9.31	0.15	0.02	<0.01	0.035	1.26	4.6	28.9	1.26	401	0.48	0.09
5002	2.24	22.4	3.12	9.18	0.16	0.02	0.01	0.035	1.20	5.3	26.1	1.20	404	0.42	0.11
5003	2.44	32.4	3.31	7.08	0.11	0.02	<0.01	0.017	1.50	3.2	26.5	1.18	466	0.62	0.07
5004	2.38	10.6	3.31	10.10	0.16	0.02	<0.01	0.028	1.61	3.6	30.1	1.33	522	0.54	0.20
5005	2.17	14.7	3.06	9.24	0.16	<0.02	0.01	0.032	1.44	2.7	25.7	1.23	452	0.38	0.16
5006	2.67	18.3	3.29	8.78	0.14	0.02	0.01	0.028	1.59	4.7	24.5	1.21	504	0.61	0.10
5007	2.76	46.3	4.02	7.13	0.13	0.02	<0.01	0.017	1.56	4.6	23.6	1.21	473	0.88	0.06
5008	2.18	27.6	3.49	9.25	0.14	0.02	<0.01	0.024	1.47	3.5	24.2	1.24	532	1.04	0.18
5009	2.59	39.3	3.71	8.28	0.12	0.02	<0.01	0.020	1.48	3.4	23.4	1.28	473	0.79	0.10
5010	2.29	26.8	3.14	8.20	0.13	0.02	0.01	0.025	1.39	4.5	22.1	1.17	462	0.52	0.13
5011	1.79	18.4	3.05	8.22	0.13	0.02	0.01	0.025	1.12	4.1	24.8	1.15	490	0.41	0.12
5012	1.37	21.5	2.90	7.71	0.12	0.03	0.01	0.027	0.70	6.0	31.3	1.03	466	0.51	0.12
5013	1.28	26.6	3.01	6.94	0.11	0.02	<0.01	0.024	0.77	5.2	23.7	1.07	480	0.57	0.09
5014	1.18	24.3	3.14	7.02	0.10	0.02	<0.01	0.025	0.68	6.8	24.6	1.13	506	0.59	0.08
5015	0.91	35.5	3.05	5.81	0.10	0.02	0.01	0.016	0.43	7.5	23.1	1.05	439	0.67	0.04
5016	2.33	38.5	3.58	7.78	0.11	0.03	<0.01	0.025	1.20	6.0	23.2	1.16	513	0.73	0.09
5017	2.07	17.7	3.33	8.93	0.15	0.02	<0.01	0.033	1.41	3.2	25.9	1.30	494	0.40	0.11
5018	2.54	27.4	3.18	7.90	0.12	0.02	<0.01	0.025	1.40	4.8	21.2	1.12	504	0.73	0.12
5019	4.17	49.7	4.55	7.96	0.17	0.02	0.01	0.022	1.81	6.2	28.7	1.46	553	0.64	0.05
5020	2.46	40.8	3.30	6.46	0.13	0.02	<0.01	0.017	1.13	6.1	19.1	1.06	467	0.58	0.08
ST-1	0.05	31.1	4.54	8.55	0.15	0.03	<0.01	0.010	0.03	2.2	3.3	1.83	405	0.12	0.37
5021	1.95	23.8	2.87	8.49	0.14	0.03	<0.01	0.030	1.24	4.1	21.3	1.09	489	0.63	0.17
5022	1.96	16.6	2.72	7.66	0.14	0.02	0.01	0.027	1.26	3.9	18.3	1.06	459	0.44	0.11
5023	0.86	17.2	2.62	6.99	0.11	0.03	<0.01	0.022	0.55	10.2	31.4	0.99	390	0.44	0.08
5024	1.57	20.8	2.87	6.18	0.10	0.03	<0.01	0.018	0.81	6.3	21.8	0.96	449	0.53	0.08
5025	1.89	30.4	3.31	5.97	0.11	0.02	0.01	0.014	0.91	4.9	19.0	0.98	478	0.90	0.08
5026	1.63	44.5	3.78	6.93	0.11	0.03	<0.01	0.019	0.84	6.7	24.1	1.09	495	1.15	0.07
5027	1.39	18.6	2.80	6.65	0.06	0.02	<0.01	0.019	0.72	5.0	22.0	0.97	440	0.71	0.07
5028	1.35	26.0	3.14	7.96	0.08	0.02	<0.01	0.025	0.85	6.0	27.5	1.02	450	0.74	0.10
5029	5.70	20.1	3.31	9.76	0.11	0.02	<0.01	0.031	1.58	4.2	29.8	1.24	543	0.60	0.11
5030	5.94	19.7	3.36	9.83	0.12	0.02	<0.01	0.032	1.63	5.0	31.4	1.28	560	0.56	0.14
5031	3.38	21.6	3.37	9.97	0.14	0.02	<0.01	0.038	1.60	4.1	30.5	1.24	511	0.58	0.09
5032	2.74	18.7	3.15	9.37	0.12	0.02	<0.01	0.034	1.51	3.7	28.6	1.19	536	0.82	0.14
5033	3.41	20.3	3.43	9.67	0.12	0.02	<0.01	0.032	1.59	3.0	26.9	1.22	556	0.76	0.10
5034	2.99	46.1	3.70	10.55	0.11	0.03	<0.01	0.035	1.33	5.7	31.2	1.24	525	3.97	0.13
5035	3.10	58.5	3.62	8.02	0.09	0.02	<0.01	0.024	1.14	5.0	25.5	1.06	401	3.30	0.08
5036	2.65	28.0	3.24	8.25	0.09	0.03	<0.01	0.023	1.23	4.8	26.0	1.13	521	0.68	0.12
5037	2.14	22.3	3.19	9.36	0.13	0.02	<0.01	0.028	1.31	3.3	26.1	1.17	456	0.74	0.12
5038	2.63	33.8	3.82	10.85	0.14	0.03	<0.01	0.040	1.47	5.6	29.5	1.31	505	0.88	0.16
5039	2.07	32.1	3.40	9.82	0.11	0.03	<0.01	0.032	1.03	4.9	30.8	1.25	475	0.97	0.11

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5001		0.20	19.2	590	1.6	46.9	<0.001	0.06	0.09	10.4	<0.2	1.0	21.1	<0.01	0.01	2.6
5002		0.23	19.1	570	1.0	48.8	<0.001	0.05	0.08	10.0	<0.2	1.0	23.4	<0.01	0.01	2.6
5003		0.21	22.4	630	1.2	65.3	<0.001	0.31	0.12	6.3	<0.2	0.5	15.0	<0.01	0.02	2.0
5004		0.23	20.1	600	1.8	59.7	<0.001	0.08	0.10	9.9	<0.2	0.8	47.9	0.01	0.01	2.2
5005		0.20	19.0	560	1.2	53.0	<0.001	0.06	0.11	10.1	<0.2	1.0	42.6	<0.01	0.01	2.0
5006		0.29	22.2	590	1.4	64.6	<0.001	0.14	0.07	9.6	0.2	0.8	23.7	0.01	0.01	2.3
5007		0.26	30.1	710	2.3	66.7	<0.001	0.64	0.12	6.1	0.4	0.5	20.7	<0.01	0.04	3.0
5008		0.26	23.3	610	1.8	53.7	<0.001	0.29	0.10	9.5	0.2	0.7	49.8	0.01	0.02	2.2
5009		0.23	26.1	660	1.6	59.2	0.001	0.44	0.11	7.8	0.2	0.6	32.9	<0.01	0.04	1.8
5010		0.26	21.1	550	1.8	53.6	<0.001	0.19	0.08	7.9	0.2	0.7	35.3	<0.01	0.02	2.3
5011		0.21	19.6	560	1.7	41.4	<0.001	0.07	0.10	8.2	<0.2	0.7	35.4	<0.01	0.01	2.2
5012		0.19	20.5	560	2.3	29.3	<0.001	0.10	0.10	7.7	<0.2	0.5	48.7	<0.01	0.02	2.6
5013		0.20	21.3	600	3.6	28.7	<0.001	0.14	0.08	6.9	<0.2	0.5	35.3	<0.01	0.01	2.6
5014		0.18	20.5	640	2.5	26.4	<0.001	0.24	0.09	6.4	0.2	0.4	27.2	<0.01	0.01	2.9
5015		0.10	24.8	620	3.4	16.3	<0.001	0.31	0.20	3.8	<0.2	0.3	22.0	<0.01	0.03	3.1
5016		0.23	26.4	930	3.1	51.2	<0.001	0.41	0.11	8.2	0.3	0.6	73.4	<0.01	0.06	2.8
5017		0.27	20.6	610	0.9	50.5	<0.001	0.08	0.08	10.2	<0.2	0.9	22.8	<0.01	0.01	2.1
5018		0.27	21.8	610	1.5	58.2	<0.001	0.29	0.07	7.9	0.2	0.7	40.6	0.01	0.02	2.7
5019		0.31	43.0	740	3.7	89.0	0.001	0.44	0.06	7.4	0.5	0.6	11.7	0.01	0.04	4.8
5020		0.28	28.5	680	3.6	53.4	<0.001	0.33	0.10	6.8	0.3	0.5	19.4	<0.01	0.04	2.9
ST-1		0.12	54.5	380	<0.2	1.1	<0.001	<0.01	<0.05	3.6	<0.2	0.2	53.7	<0.01	0.02	0.2
5021		0.39	19.8	600	1.8	51.5	<0.001	0.21	0.12	9.2	0.3	0.9	32.9	0.01	0.02	2.0
5022		0.35	16.7	550	1.1	49.8	<0.001	0.15	0.13	8.3	<0.2	0.9	19.9	<0.01	0.01	2.4
5023		0.14	16.8	500	6.2	22.0	<0.001	0.05	0.75	5.1	<0.2	0.4	45.9	<0.01	0.01	3.4
5024		0.27	17.9	590	3.2	37.1	<0.001	0.30	0.18	5.7	<0.2	0.6	28.6	<0.01	0.02	3.1
5025		0.24	23.6	610	3.2	46.5	0.001	0.72	0.11	4.8	0.2	0.4	46.5	<0.01	0.02	2.6
5026		0.14	30.2	720	5.1	41.1	0.001	0.97	0.20	6.0	0.5	0.3	53.5	<0.01	0.04	3.0
5027		0.16	18.0	580	6.7	30.1	0.001	0.31	0.11	5.5	0.3	0.3	29.4	<0.01	0.02	2.9
5028		0.19	20.9	550	3.0	33.3	0.001	0.34	0.32	7.3	0.4	0.4	40.4	<0.01	0.02	2.5
5029		0.23	21.1	570	2.5	67.2	<0.001	0.23	0.15	10.2	0.5	0.7	26.7	<0.01	0.04	2.1
5030		0.29	21.5	590	1.7	68.4	<0.001	0.21	0.07	10.9	0.5	0.8	32.4	0.01	0.02	2.5
5031		0.27	22.0	590	1.1	56.4	0.001	0.19	0.07	12.4	0.5	0.9	16.5	<0.01	0.01	2.2
5032		0.28	19.3	540	1.6	52.7	0.001	0.19	0.10	10.9	0.4	0.8	44.7	0.01	0.01	1.7
5033		0.26	21.8	600	1.8	61.3	0.001	0.25	0.07	11.5	0.4	0.7	27.7	<0.01	0.02	1.4
5034		0.24	25.4	650	2.8	48.9	0.002	0.42	0.09	9.9	0.6	0.7	34.5	0.01	0.03	2.2
5035		0.17	26.4	530	4.2	47.7	0.002	0.70	0.09	8.2	0.8	0.4	64.8	<0.01	0.05	2.3
5036		0.25	22.0	610	2.8	50.3	0.001	0.38	0.06	7.9	0.5	0.5	40.0	<0.01	0.03	2.6
5037		0.25	19.8	550	2.1	47.1	0.001	0.20	0.06	9.9	0.4	0.7	52.6	<0.01	0.01	1.7
5038		0.38	26.6	640	2.5	55.8	0.002	0.40	0.06	13.7	0.6	0.9	38.6	0.01	0.02	2.4
5039		0.22	24.8	580	4.0	41.4	0.002	0.27	0.11	9.5	0.6	0.6	48.6	<0.01	0.04	2.4

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
5001		0.219	0.26	0.35	105	0.22	4.96	69	<0.5
5002		0.222	0.26	0.34	97	0.24	5.50	65	<0.5
5003		0.258	0.37	0.36	75	0.26	5.79	73	<0.5
5004		0.274	0.33	0.28	99	0.24	4.90	71	<0.5
5005		0.255	0.30	0.22	97	0.94	4.12	63	<0.5
5006		0.287	0.39	0.42	92	0.30	5.86	72	<0.5
5007		0.268	0.40	0.61	79	0.24	6.62	87	<0.5
5008		0.270	0.30	0.36	103	0.23	5.16	69	<0.5
5009		0.255	0.35	0.40	93	0.19	4.86	78	<0.5
5010		0.246	0.32	0.44	82	0.19	5.45	69	<0.5
5011		0.198	0.23	0.28	81	0.18	5.02	66	<0.5
5012		0.136	0.17	0.38	77	0.35	6.29	62	<0.5
5013		0.135	0.17	0.36	77	0.15	5.91	67	<0.5
5014		0.106	0.16	0.44	69	0.13	6.47	69	<0.5
5015		0.049	0.11	0.45	44	0.11	6.08	70	0.8
5016		0.194	0.31	0.49	89	0.21	7.34	75	<0.5
5017		0.262	0.28	0.26	101	0.22	4.86	71	<0.5
5018		0.254	0.33	0.46	82	0.18	5.48	70	<0.5
5019		0.316	0.53	0.92	103	0.13	6.96	111	<0.5
5020		0.207	0.34	0.65	84	0.15	7.12	78	<0.5
ST-1		0.146	<0.02	0.09	166	<0.05	2.74	39	1.2
5021		0.250	0.28	0.35	84	0.22	6.18	63	<0.5
5022		0.241	0.26	0.34	78	0.26	5.67	59	<0.5
5023		0.079	0.13	0.48	52	0.12	7.68	54	<0.5
5024		0.154	0.22	0.49	62	0.17	6.46	59	<0.5
5025		0.154	0.29	0.54	60	0.27	6.41	69	<0.5
5026		0.112	0.26	0.63	73	0.13	7.48	80	<0.5
5027		0.117	0.19	0.44	58	0.12	5.61	59	<0.5
5028		0.149	0.19	0.43	73	0.17	6.27	64	<0.5
5029		0.292	0.41	0.38	94	0.28	5.09	73	<0.5
5030		0.302	0.42	0.39	97	0.28	5.76	74	0.5
5031		0.312	0.31	0.36	103	0.34	5.09	71	<0.5
5032		0.290	0.30	0.30	95	0.33	5.80	67	<0.5
5033		0.294	0.37	0.26	102	0.27	5.14	76	<0.5
5034		0.253	0.30	0.48	102	0.30	6.90	78	<0.5
5035		0.203	0.28	0.45	89	0.27	5.92	74	<0.5
5036		0.243	0.30	0.47	83	0.24	6.52	72	0.6
5037		0.244	0.27	0.28	96	0.20	4.82	68	<0.5
5038		0.312	0.33	0.46	120	0.24	7.40	82	<0.5
5039		0.277	0.27	0.56	97	0.24	6.98	77	<0.5

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-TL44 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
5040		0.80	0.001	0.07	2.27	3650	<0.2	<10	460	0.14	0.11	0.56	0.06	8.89	13.3	52
ST-2		0.64	0.001	0.02	10.30	5.0	<0.2	<10	10	0.07	<0.01	5.82	0.21	3.96	17.2	235
5041		2.12	<0.001	0.09	2.56	176.0	<0.2	<10	450	0.17	0.07	0.90	0.07	9.71	13.3	51
5042		3.84	0.001	0.05	2.21	23.2	<0.2	<10	720	0.10	0.05	0.67	0.04	7.79	11.7	52
5043		3.64	<0.001	0.11	2.73	7.5	<0.2	<10	410	0.13	0.17	0.70	0.06	14.05	14.5	58
5044		3.08	0.001	0.06	1.81	5.9	<0.2	<10	520	0.07	0.05	0.75	0.05	5.59	11.1	46
5045		3.32	0.001	0.11	2.89	14.1	<0.2	<10	570	0.18	0.08	0.68	0.06	9.60	14.4	53
5046		2.40	0.001	0.13	2.05	22.1	<0.2	<10	140	0.16	0.14	1.87	0.10	13.05	13.0	34
5047		3.52	0.002	0.11	2.34	11.5	<0.2	<10	210	0.23	0.14	1.52	0.07	15.55	14.1	43
5048		3.08	0.001	0.11	2.34	17.7	<0.2	<10	450	0.11	0.08	0.53	0.06	8.71	12.1	44
5049		4.00	0.001	0.07	2.38	5.4	<0.2	<10	540	0.11	0.06	0.50	0.04	6.70	12.5	52
5050		3.82	0.002	0.07	2.96	6.8	<0.2	<10	440	0.20	0.08	0.72	0.05	8.55	11.9	55
5051		3.58	0.002	0.07	2.32	25.4	<0.2	<10	360	0.13	0.09	0.56	0.05	7.44	11.4	52
5052		2.38	0.002	0.16	3.01	4.3	<0.2	<10	220	0.19	0.24	0.64	0.07	18.00	16.2	57
5053		3.68	0.002	0.15	2.76	10.7	<0.2	<10	310	0.13	0.26	0.37	0.07	13.90	16.0	64
5054		3.94	0.001	0.16	3.11	3.0	<0.2	<10	380	0.17	0.27	0.37	0.06	21.2	16.6	68
5055		3.68	0.002	0.15	3.32	25.5	<0.2	<10	380	0.15	0.20	0.50	0.06	15.20	17.3	75
5056		3.88	0.002	0.15	3.15	14.4	<0.2	<10	290	0.26	0.24	0.61	0.07	21.9	16.8	69
5057		3.66	0.002	0.16	2.75	7.9	<0.2	<10	170	0.15	0.25	0.55	0.08	13.50	16.7	67
5058		2.84	0.001	0.19	2.90	1.3	<0.2	<10	110	0.25	0.30	0.65	0.06	13.55	19.6	58
5059		2.06	0.002	0.15	2.54	6.0	<0.2	<10	130	0.16	0.31	0.85	0.07	12.80	17.1	52
5060		4.62	0.002	0.15	3.01	12.2	<0.2	<10	340	0.21	0.27	0.47	0.07	20.5	16.9	66
ST-3		1.32	0.001	0.02	5.14	0.2	<0.2	<10	10	0.06	0.02	2.56	0.08	2.64	23.0	171
5061		4.52	0.002	0.12	2.60	3.7	<0.2	<10	310	0.10	0.25	0.44	0.07	12.75	15.0	58
5062		3.70	0.002	0.18	2.75	1.7	<0.2	<10	280	0.15	0.32	0.34	0.07	15.65	16.1	59
5063		4.30	0.001	0.18	2.78	2.4	<0.2	<10	290	0.15	0.25	0.59	0.08	12.30	15.9	67
5064		3.92	0.002	0.15	2.80	3.3	<0.2	<10	350	0.18	0.30	0.48	0.07	17.40	15.1	64
5065		3.78	0.001	0.16	2.78	10.7	<0.2	<10	370	0.14	0.30	0.42	0.08	13.70	15.9	69
5066		4.18	<0.001	0.15	2.89	10.2	<0.2	<10	340	0.17	0.31	0.38	0.08	17.40	15.5	68
5067		3.62	<0.001	0.12	2.73	4.3	<0.2	<10	220	0.15	0.25	0.36	0.05	12.40	16.5	60
5068		3.48	<0.001	0.22	2.53	19.5	<0.2	<10	450	0.12	0.09	0.60	0.06	14.20	14.7	60
5069		3.60	<0.001	0.70	2.52	19.7	<0.2	<10	420	0.13	0.13	0.52	0.04	13.55	14.1	61
5070		3.60	<0.001	0.10	2.43	7.1	<0.2	<10	380	0.20	0.08	0.77	0.05	9.04	11.2	50
5071		3.92	<0.001	0.06	1.93	10.6	<0.2	<10	330	0.18	0.08	1.00	0.08	10.15	11.1	36
5072		4.72	<0.001	0.05	2.11	17.1	<0.2	<10	380	0.14	0.09	0.62	0.06	10.90	10.8	40
5073		3.96	<0.001	0.10	2.08	12.3	<0.2	<10	240	0.24	0.19	1.14	0.29	16.00	14.2	32
5074		3.04	<0.001	0.14	2.18	95.4	<0.2	<10	180	0.46	0.25	2.29	0.10	20.8	17.4	42
5075		2.58	<0.001	0.16	1.96	7.8	<0.2	<10	220	0.23	0.17	1.00	0.09	19.65	11.0	33
5076		2.80	<0.001	0.10	2.47	2.5	<0.2	<10	450	0.15	0.09	0.74	0.06	9.64	13.8	50
5077		3.22	<0.001	0.08	2.46	3.9	<0.2	<10	400	0.16	0.10	0.74	0.05	10.40	12.8	45

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5040		2.13	20.0	3.19	9.40	0.11	0.03	<0.01	0.033	1.21	4.6	22.2	1.11	456	1.24	0.19
ST-2		0.06	27.9	2.63	11.85	0.10	0.04	<0.01	0.017	0.04	2.4	4.3	2.28	364	0.08	0.37
5041		2.27	30.6	3.55	10.20	0.12	0.03	<0.01	0.033	1.30	5.0	27.6	1.20	484	0.84	0.17
5042		1.98	21.6	3.11	8.90	0.13	0.02	<0.01	0.030	1.11	4.1	28.4	1.18	387	0.44	0.14
5043		2.63	40.1	4.08	10.20	0.11	0.02	<0.01	0.033	1.23	6.8	35.0	1.43	410	0.86	0.12
5044		2.17	22.7	2.82	8.15	0.12	0.02	<0.01	0.025	0.94	2.9	28.6	1.08	400	0.51	0.10
5045		3.62	30.6	3.85	10.05	0.11	0.02	<0.01	0.024	1.56	4.9	38.3	1.33	539	0.79	0.17
5046		1.33	30.3	3.49	7.10	0.09	0.02	<0.01	0.021	0.55	6.5	34.3	1.17	478	0.86	0.06
5047		2.15	43.3	3.84	10.05	0.10	0.02	<0.01	0.031	0.85	7.6	37.1	1.31	512	1.37	0.09
5048		2.81	28.6	3.32	9.69	0.11	0.02	<0.01	0.024	1.38	4.6	35.6	1.17	448	0.69	0.11
5049		2.45	22.8	3.34	9.87	0.13	<0.02	<0.01	0.030	1.32	3.5	40.3	1.24	440	0.57	0.13
5050		2.59	21.2	3.28	10.45	0.14	0.02	<0.01	0.028	1.20	4.5	38.5	1.27	411	0.61	0.26
5051		2.65	17.1	3.02	8.57	0.12	<0.02	<0.01	0.030	1.07	3.9	33.0	1.16	315	0.43	0.15
5052		2.90	50.5	4.70	10.75	0.13	0.02	<0.01	0.034	0.98	8.9	52.1	1.55	476	1.38	0.09
5053		4.05	49.7	4.56	9.06	0.13	0.02	0.01	0.045	1.31	6.7	35.5	1.54	387	1.13	0.06
5054		4.13	56.8	4.89	10.40	0.14	0.02	<0.01	0.054	1.60	10.2	39.3	1.63	414	1.30	0.09
5055		3.88	51.8	5.19	11.55	0.15	0.02	<0.01	0.050	1.45	7.2	45.0	1.80	479	1.00	0.07
5056		3.20	55.9	4.96	11.70	0.14	0.02	<0.01	0.051	1.13	10.4	52.5	1.64	456	1.25	0.08
5057		2.08	56.6	4.78	9.54	0.12	0.02	<0.01	0.036	0.64	6.4	38.6	1.58	418	1.16	0.06
5058		1.05	95.8	5.28	9.89	0.13	0.02	<0.01	0.023	0.39	6.3	36.2	1.57	461	1.23	0.06
5059		2.06	61.8	4.26	9.23	0.11	<0.02	0.01	0.030	0.57	5.7	40.3	1.51	406	1.08	0.04
5060		3.62	59.8	4.53	11.25	0.12	<0.02	0.01	0.050	1.26	9.2	42.2	1.60	426	1.15	0.08
ST-3		<0.05	32.6	3.17	7.39	0.10	0.03	0.01	0.014	0.02	1.4	4.7	2.28	435	<0.05	0.16
5061		3.46	50.6	4.15	9.47	0.12	<0.02	0.01	0.043	1.24	5.9	35.3	1.47	377	0.95	0.05
5062		3.20	53.1	4.40	9.56	0.12	<0.02	0.01	0.037	1.17	7.1	37.6	1.51	395	1.01	0.07
5063		3.82	47.1	4.40	10.45	0.12	<0.02	0.01	0.045	1.21	5.4	38.2	1.54	428	1.02	0.06
5064		3.52	47.7	4.24	9.95	0.11	<0.02	0.01	0.049	1.29	8.4	43.5	1.49	400	1.01	0.08
5065		4.27	48.9	4.43	10.20	0.13	<0.02	0.01	0.049	1.42	6.3	41.2	1.52	398	1.18	0.06
5066		4.30	47.5	4.39	10.35	0.12	<0.02	0.01	0.044	1.28	8.0	42.4	1.50	424	1.08	0.08
5067		2.78	52.4	4.43	9.91	0.09	<0.02	0.01	0.030	0.82	5.7	42.2	1.55	423	1.25	0.05
5068		2.64	29.4	3.51	10.30	0.12	<0.02	0.01	0.033	1.38	6.6	37.1	1.35	426	0.70	0.11
5069		2.84	28.5	3.49	10.30	0.14	<0.02	0.01	0.040	1.40	6.7	38.8	1.39	411	0.73	0.09
5070		2.07	20.8	2.86	9.12	0.14	<0.02	0.01	0.030	1.09	4.5	29.7	1.15	379	0.52	0.17
5071		1.90	21.2	2.89	7.16	0.10	<0.02	<0.01	0.018	1.03	5.1	24.4	1.06	471	0.73	0.08
5072		2.36	21.6	2.91	7.93	0.11	<0.02	0.01	0.024	1.23	5.5	26.3	1.08	425	0.79	0.12
5073		1.85	32.9	3.48	6.51	0.09	<0.02	0.01	0.020	0.92	7.5	26.7	1.09	450	1.15	0.05
5074		1.92	48.7	3.71	7.28	0.10	<0.02	<0.01	0.029	0.79	10.1	33.5	1.19	668	2.35	0.04
5075		1.41	23.3	2.95	7.18	0.10	<0.02	0.01	0.024	0.79	9.7	31.5	1.03	387	1.08	0.09
5076		2.58	23.4	3.30	9.52	0.12	<0.02	<0.01	0.024	1.33	4.8	31.0	1.33	455	0.92	0.11
5077		2.15	27.1	3.14	8.83	0.11	<0.02	<0.01	0.019	1.20	5.1	29.8	1.26	414	0.80	0.13

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5040		0.21	23.4	580	2.8	48.9	0.001	0.42	0.65	10.0	1.4	0.5	47.1	<0.01	0.25	2.1
ST-2		0.10	78.3	200	0.6	1.4	<0.001	<0.01	<0.05	3.8	0.2	0.3	108.5	<0.01	0.03	<0.2
5041		0.30	25.2	570	2.8	50.5	0.001	0.44	0.08	10.2	0.7	0.7	72.7	0.01	0.04	2.0
5042		0.26	20.9	630	1.8	40.7	<0.001	0.11	0.05	10.0	0.3	0.6	47.8	<0.01	0.01	2.3
5043		0.30	31.9	790	2.2	55.0	0.001	0.47	0.05	10.4	0.6	0.7	64.3	<0.01	0.04	3.4
5044		0.27	19.8	590	1.4	35.0	<0.001	0.13	0.08	8.5	0.3	0.6	31.7	<0.01	0.01	1.8
5045		0.31	27.3	630	2.6	62.2	0.001	0.43	0.06	9.0	0.5	0.6	65.4	0.01	0.03	2.1
5046		0.17	26.1	630	6.2	25.2	0.001	0.50	0.10	5.4	0.5	0.3	36.7	<0.01	0.03	3.0
5047		0.19	28.3	910	3.7	37.4	0.001	0.46	0.17	8.4	0.6	0.9	54.4	<0.01	0.03	3.3
5048		0.30	21.9	610	2.1	57.9	0.001	0.33	<0.05	8.7	0.5	0.8	42.6	<0.01	0.03	2.0
5049		0.24	21.8	580	2.0	49.8	<0.001	0.21	<0.05	10.4	0.4	0.8	46.7	<0.01	0.01	1.5
5050		0.23	21.2	620	2.9	46.2	<0.001	0.18	<0.05	10.3	0.4	0.7	75.7	<0.01	0.02	2.2
5051		0.21	18.9	550	2.2	42.3	<0.001	0.20	<0.05	9.7	0.4	0.6	47.5	<0.01	0.03	1.9
5052		0.34	38.8	890	3.6	47.6	0.002	0.47	0.06	9.8	0.8	0.5	23.9	0.01	0.06	4.6
5053		0.36	40.7	900	2.1	63.6	0.001	0.50	<0.05	13.4	0.8	0.8	13.9	<0.01	0.06	2.3
5054		0.41	42.7	890	2.7	71.4	0.002	0.56	<0.05	15.2	0.8	1.0	23.7	0.01	0.07	3.0
5055		0.35	42.7	1040	2.3	64.1	0.002	0.45	<0.05	17.3	0.7	0.9	20.5	0.01	0.06	2.5
5056		0.39	42.6	950	3.9	51.2	0.002	0.43	0.06	14.8	0.8	0.9	26.0	0.01	0.06	3.6
5057		0.37	42.5	1090	2.8	31.5	0.002	0.48	0.05	13.2	0.8	0.5	25.7	0.01	0.07	2.8
5058		0.24	48.8	980	3.5	18.8	0.002	0.92	0.08	8.1	1.1	0.3	20.7	0.01	0.09	4.9
5059		0.29	40.7	1020	2.9	31.8	0.002	0.48	0.08	9.7	0.7	0.5	26.6	<0.01	0.05	2.9
5060		0.31	43.0	970	2.6	64.4	0.001	0.44	0.05	14.9	0.6	1.0	25.5	<0.01	0.05	2.8
ST-3		0.09	61.0	220	0.3	0.8	<0.001	<0.01	<0.05	2.8	0.3	0.2	58.5	<0.01	0.03	<0.2
5061		0.29	36.7	1060	2.3	59.5	0.001	0.46	0.05	12.1	0.8	0.9	13.5	<0.01	0.03	1.9
5062		0.27	39.1	920	2.1	60.9	0.002	0.66	0.05	10.9	0.6	0.8	21.3	<0.01	0.05	2.5
5063		0.31	41.7	910	2.0	62.8	0.001	0.60	<0.05	13.6	0.6	1.0	23.6	<0.01	0.06	2.0
5064		0.29	38.1	850	2.3	63.0	0.001	0.49	0.05	13.8	0.7	1.0	28.1	<0.01	0.06	2.7
5065		0.28	39.4	930	2.2	70.7	0.002	0.53	<0.05	13.7	0.6	1.1	16.3	<0.01	0.06	2.3
5066		0.31	37.7	950	2.3	64.1	0.001	0.49	<0.05	13.1	0.7	1.0	23.4	<0.01	0.05	2.9
5067		0.29	41.1	900	1.9	46.5	0.001	0.46	0.11	10.2	0.7	0.6	18.7	<0.01	0.05	3.1
5068		0.25	29.9	620	2.3	59.3	0.001	0.31	0.11	10.4	0.6	0.9	50.9	<0.01	0.02	2.8
5069		0.22	29.2	640	1.9	58.0	0.001	0.21	0.07	10.7	0.4	0.9	31.4	<0.01	0.02	2.6
5070		0.24	20.0	860	1.9	46.3	<0.001	0.21	0.07	9.6	0.5	0.7	63.2	<0.01	0.01	1.8
5071		0.18	20.4	550	3.8	44.9	0.001	0.42	0.14	6.2	0.4	0.5	38.4	<0.01	0.02	2.1
5072		0.24	19.6	540	2.3	52.0	0.001	0.33	0.08	7.1	0.3	0.7	37.8	<0.01	0.01	2.4
5073		0.16	29.3	590	4.7	38.7	0.001	0.69	0.13	4.6	0.5	0.4	35.7	<0.01	0.03	3.1
5074		0.13	43.1	640	5.5	35.4	0.001	0.42	0.53	6.8	0.7	0.4	39.8	<0.01	0.06	3.8
5075		0.14	21.2	520	4.7	32.3	<0.001	0.26	0.19	6.2	0.3	0.4	34.4	<0.01	0.02	2.9
5076		0.19	26.3	620	2.3	53.2	0.001	0.34	0.10	8.6	0.3	0.7	55.5	<0.01	0.02	2.2
5077		0.19	24.3	610	2.7	46.6	0.001	0.27	0.11	7.4	0.4	0.6	42.4	<0.01	0.02	2.0

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
5040		0.227	0.29	0.42	98	0.20	5.24	67	0.5
ST-2		0.047	<0.02	<0.05	45	<0.05	1.32	32	1.6
5041		0.273	0.31	0.49	97	0.24	6.82	71	0.5
5042		0.210	0.22	0.29	99	0.19	5.00	65	<0.5
5043		0.194	0.36	0.38	106	0.22	4.84	86	<0.5
5044		0.188	0.20	0.22	86	0.17	4.77	58	<0.5
5045		0.263	0.37	0.36	97	0.23	6.39	83	<0.5
5046		0.084	0.17	0.40	60	0.17	6.57	81	<0.5
5047		0.131	0.24	0.53	87	0.17	7.01	83	<0.5
5048		0.225	0.34	0.50	85	0.14	5.06	71	<0.5
5049		0.232	0.27	0.26	98	0.15	4.50	72	<0.5
5050		0.199	0.27	0.28	100	0.19	4.58	68	<0.5
5051		0.156	0.25	0.26	98	4.73	3.60	65	<0.5
5052		0.166	0.34	0.48	103	0.14	5.67	103	<0.5
5053		0.201	0.40	0.31	121	4.12	3.95	22	<0.5
5054		0.234	0.44	0.42	131	0.52	4.42	33	<0.5
5055		0.222	0.40	0.32	152	0.16	4.45	46	<0.5
5056		0.214	0.30	0.49	132	0.34	6.50	60	<0.5
5057		0.153	0.22	0.34	122	0.26	5.32	50	<0.5
5058		0.098	0.17	0.46	91	0.24	7.10	112	<0.5
5059		0.131	0.24	0.31	99	0.12	5.44	59	<0.5
5060		0.210	0.40	0.38	129	0.24	5.26	47	<0.5
ST-3		0.076	<0.02	<0.05	47	<0.05	1.88	39	1.0
5061		0.181	0.40	0.28	114	0.41	4.28	40	<0.5
5062		0.186	0.40	0.32	113	0.11	3.90	46	<0.5
5063		0.184	0.41	0.25	126	1.70	3.64	58	<0.5
5064		0.202	0.36	0.38	123	0.24	4.12	42	<0.5
5065		0.207	0.43	0.30	129	0.42	3.92	56	<0.5
5066		0.203	0.43	0.37	126	1.03	4.21	62	<0.5
5067		0.154	0.34	0.31	110	0.51	4.23	89	<0.5
5068		0.236	0.30	0.47	99	0.39	5.73	78	<0.5
5069		0.215	0.32	0.41	106	0.22	4.56	79	<0.5
5070		0.166	0.27	0.29	91	0.13	4.49	64	<0.5
5071		0.173	0.28	0.42	65	0.12	5.51	65	<0.5
5072		0.223	0.30	0.48	71	0.18	5.80	60	<0.5
5073		0.121	0.26	0.67	57	0.13	6.26	79	<0.5
5074		0.096	0.21	0.70	65	0.18	7.49	89	<0.5
5075		0.109	0.20	0.53	59	0.14	5.30	68	<0.5
5076		0.211	0.30	0.47	91	0.40	4.78	73	<0.5
5077		0.188	0.26	0.34	85	0.19	5.16	68	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-TL44 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
5078		2.70	<0.001	0.08	2.29	5.4	<0.2	<10	390	0.13	0.11	0.64	0.06	7.15	12.8	44
5079		2.50	<0.001	0.04	2.28	4.4	<0.2	<10	610	0.11	0.07	0.49	0.03	9.24	12.5	49
5080		2.80	<0.001	0.05	2.03	4.5	<0.2	<10	410	0.11	0.08	0.73	0.05	6.73	12.2	45
ST-4		0.92	<0.001	0.02	7.90	0.2	<0.2	<10	10	0.14	0.01	4.50	0.13	5.22	18.6	241
5081		4.56	<0.001	0.09	2.44	18.0	<0.2	<10	350	0.14	0.07	1.33	0.08	7.99	14.3	52
5082		4.32	<0.001	0.05	2.36	2.7	<0.2	<10	420	0.15	0.08	0.70	0.06	8.69	12.8	52
5083		3.92	<0.001	0.06	2.50	10.7	<0.2	<10	500	0.15	0.05	0.76	0.05	6.73	13.5	58
5084		2.92	<0.001	0.08	2.15	1.6	<0.2	<10	230	0.22	0.11	1.19	0.06	19.10	11.8	38
5085		3.66	0.002	0.11	2.86	1.5	<0.2	<10	330	0.14	0.19	0.78	0.09	11.45	18.4	79
5086		3.12	<0.001	0.15	2.92	7.2	<0.2	<10	200	0.27	0.18	1.04	0.15	22.8	20.4	71
5087		3.64	<0.001	0.14	2.46	10.7	<0.2	<10	120	0.26	0.15	1.16	0.12	17.95	18.8	65
5088		3.40	<0.001	0.13	2.58	1.8	<0.2	<10	230	0.23	0.19	0.81	0.08	18.30	15.7	71
5089		3.00	<0.001	0.14	2.77	87.7	<0.2	<10	310	0.18	0.16	0.64	0.07	16.00	14.3	62
5090		2.88	<0.001	0.08	2.97	3.9	<0.2	<10	480	0.23	0.15	0.59	0.05	12.75	14.3	57
5091		3.22	0.001	0.11	2.86	61.0	<0.2	<10	440	0.19	0.06	1.13	0.09	6.21	17.5	97
5092		2.76	<0.001	0.17	2.73	272	<0.2	<10	170	0.54	0.19	3.27	0.08	12.95	16.6	43
5093		3.06	0.002	0.10	2.10	4.3	<0.2	<10	290	0.19	0.11	1.36	0.08	11.35	11.5	47
5094		2.92	0.002	0.11	2.19	5.5	<0.2	<10	310	0.33	0.12	2.07	0.10	14.30	12.6	41
5095		1.80	0.002	0.09	3.01	8.6	<0.2	<10	370	0.22	0.07	1.09	0.08	7.15	12.9	53
5096		2.84	0.001	0.09	2.57	6.6	<0.2	<10	430	0.15	0.11	0.65	0.07	15.55	12.6	49
5097		3.80	0.001	0.04	2.25	0.9	<0.2	<10	380	0.14	0.08	0.59	0.04	11.55	10.7	44
5098		4.16	0.001	0.05	2.32	1.5	<0.2	<10	490	0.12	0.07	0.73	0.04	9.40	10.3	47
5099		3.94	0.002	0.04	2.08	5.9	<0.2	<10	440	0.13	0.05	0.81	0.02	7.01	10.9	52
5100		4.48	0.001	0.04	2.45	3.3	<0.2	<10	650	0.09	0.05	0.60	0.03	7.72	13.9	64
ST-5		1.32	0.002	0.02	6.15	<0.1	<0.2	<10	10	0.16	0.02	3.46	0.03	4.93	19.6	227
5101		4.26	0.001	0.04	2.32	4.5	<0.2	<10	590	0.11	0.06	0.84	0.04	8.18	13.5	62
5102		4.18	0.002	0.05	2.32	0.3	<0.2	<10	570	0.09	0.06	0.73	0.05	6.71	13.2	50
5103		4.46	0.001	0.04	2.14	1.0	<0.2	<10	580	0.10	0.05	0.79	0.04	8.06	13.1	56
5104		4.00	0.002	0.06	2.33	1.4	<0.2	<10	560	0.10	0.08	0.64	0.03	8.48	12.8	56
5105		4.68	0.001	0.10	2.55	1.0	<0.2	<10	480	0.12	0.12	0.42	0.04	10.75	14.7	51
5106		2.38	0.001	0.03	0.96	1.7	<0.2	<10	500	0.08	0.01	0.23	0.01	5.99	3.9	17
5107		1.54	0.001	0.07	2.44	0.9	<0.2	<10	440	0.12	0.09	0.33	0.05	11.35	12.8	52
5108		2.96	0.002	0.08	2.48	3.0	<0.2	<10	330	0.16	0.10	0.93	0.08	10.35	14.9	51
5109		3.02	0.001	0.06	2.50	2.2	<0.2	<10	480	0.12	0.07	0.93	0.07	8.57	13.4	52
5110		5.58	0.001	0.08	2.41	3.9	<0.2	<10	420	0.23	0.14	1.09	0.10	10.50	12.5	48
5111		3.00	0.001	0.10	2.45	5.0	<0.2	<10	360	0.25	0.11	1.16	0.09	17.15	14.7	49
5112		2.38	0.001	0.05	2.71	13.5	<0.2	<10	420	0.25	0.05	1.52	0.09	10.10	12.4	48
5113		2.78	0.001	0.07	2.14	9.7	<0.2	<10	250	0.26	0.10	1.77	0.10	17.20	11.5	37
5114		3.06	0.001	0.06	2.73	1.4	<0.2	<10	450	0.19	0.07	0.93	0.06	10.85	13.3	53
5115		3.40	0.001	0.14	2.54	1.3	<0.2	<10	370	0.16	0.14	0.71	0.06	18.95	14.1	61

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5078		2.83	27.6	3.28	8.25	0.11	<0.02	<0.01	0.020	1.33	3.5	28.3	1.23	455	1.66	0.07
5079		2.55	21.7	3.05	9.54	0.15	<0.02	<0.01	0.028	1.34	4.7	31.0	1.31	378	0.62	0.14
5080		2.41	23.4	3.02	8.38	0.11	<0.02	<0.01	0.024	1.23	3.4	27.5	1.28	420	0.59	0.08
ST-4		<0.05	22.8	3.95	12.05	0.12	0.03	<0.01	0.015	0.04	2.6	2.6	1.67	331	0.16	0.66
5081		2.07	23.7	3.25	9.84	0.13	<0.02	<0.01	0.027	1.09	4.0	30.9	1.35	456	0.70	0.09
5082		2.28	22.3	3.12	9.33	0.14	<0.02	<0.01	0.026	1.27	4.3	27.4	1.26	428	0.69	0.14
5083		2.20	19.4	3.18	10.55	0.16	<0.02	<0.01	0.031	1.39	3.5	31.1	1.43	434	0.62	0.13
5084		1.85	24.4	2.95	8.12	0.11	<0.02	<0.01	0.019	0.75	9.7	33.0	1.09	435	1.68	0.09
5085		4.10	54.0	4.21	9.61	0.13	<0.02	<0.01	0.028	1.27	5.4	36.2	1.64	474	1.72	0.06
5086		2.62	59.3	4.37	9.69	0.11	<0.02	<0.01	0.033	0.77	11.4	35.9	1.63	576	1.13	0.06
5087		1.69	56.7	4.11	8.21	0.10	<0.02	0.01	0.027	0.52	8.1	37.0	1.46	577	1.20	0.03
5088		2.60	44.3	3.64	9.35	0.10	<0.02	<0.01	0.034	0.84	8.5	33.8	1.38	453	1.49	0.10
5089		4.52	52.7	3.95	10.45	0.11	<0.02	<0.01	0.033	1.32	7.6	44.8	1.50	422	0.64	0.08
5090		3.95	35.4	3.67	10.50	0.10	<0.02	<0.01	0.030	1.54	6.0	39.7	1.40	492	0.77	0.16
5091		3.23	25.6	3.57	11.30	0.13	0.02	<0.01	0.033	1.36	3.2	39.2	1.79	533	0.92	0.12
5092		1.50	61.2	4.18	10.95	0.09	<0.02	<0.01	0.028	0.58	6.4	43.2	1.44	689	4.91	0.07
5093		1.75	20.8	2.99	8.49	0.10	<0.02	0.01	0.033	0.98	5.4	28.3	1.14	504	0.79	0.08
5094		1.75	27.1	3.17	8.63	0.09	<0.02	0.01	0.033	0.93	6.7	25.4	1.07	526	1.05	0.11
5095		1.82	21.6	3.15	10.30	0.12	<0.02	0.01	0.027	1.22	3.5	26.7	1.17	443	0.58	0.20
5096		2.67	30.0	3.49	9.80	0.09	<0.02	<0.01	0.028	1.44	7.3	26.9	1.13	435	1.11	0.15
5097		1.99	19.7	2.97	9.19	0.11	<0.02	0.01	0.030	1.39	5.6	23.9	1.08	488	0.47	0.11
5098		1.53	15.3	2.90	9.09	0.13	<0.02	<0.01	0.024	1.33	4.6	22.7	1.05	480	0.38	0.14
5099		1.49	13.4	2.73	8.61	0.14	<0.02	<0.01	0.022	1.15	3.4	21.9	1.03	409	0.59	0.12
5100		2.02	17.4	3.43	10.00	0.17	0.02	0.01	0.027	1.49	3.7	27.2	1.39	480	0.38	0.14
ST-5		<0.05	34.1	4.76	12.15	0.12	0.02	0.01	0.010	0.02	2.3	1.6	1.21	302	0.16	0.56
5101		1.80	19.2	3.13	9.27	0.17	0.02	0.01	0.023	1.30	4.0	24.3	1.24	437	0.41	0.15
5102		1.87	23.5	3.26	9.85	0.16	0.03	0.01	0.018	1.45	3.1	26.8	1.26	541	0.39	0.12
5103		1.78	20.7	3.07	8.95	0.17	0.03	0.01	0.020	1.28	4.0	25.2	1.19	472	0.37	0.14
5104		2.64	25.6	3.19	9.43	0.15	0.02	<0.01	0.028	1.35	4.1	29.5	1.23	441	0.47	0.15
5105		2.88	40.7	3.71	9.06	0.09	<0.02	<0.01	0.025	1.61	5.1	34.0	1.35	456	0.52	0.09
5106		1.07	0.2	1.15	4.88	0.09	<0.02	<0.01	0.009	0.54	2.8	15.5	0.53	187	<0.05	0.10
5107		2.34	30.7	3.37	9.49	0.11	<0.02	<0.01	0.029	1.53	5.2	30.1	1.28	492	0.56	0.11
5108		1.36	32.9	3.50	10.00	0.10	<0.02	<0.01	0.035	0.95	4.8	37.4	1.34	407	0.73	0.12
5109		1.78	25.3	3.14	9.99	0.12	<0.02	0.01	0.036	1.24	4.1	31.4	1.31	398	0.60	0.13
5110		2.18	31.7	3.37	8.35	0.10	<0.02	<0.01	0.024	1.24	5.0	28.7	1.03	489	1.87	0.11
5111		2.17	38.2	3.43	9.77	0.11	<0.02	0.01	0.031	1.14	7.9	30.8	1.22	471	1.76	0.09
5112		1.91	22.0	3.02	10.05	0.13	<0.02	0.01	0.028	1.21	4.9	23.7	1.20	499	0.44	0.17
5113		1.31	24.2	3.02	8.16	0.08	<0.02	<0.01	0.025	0.83	8.2	27.3	1.03	519	0.77	0.09
5114		2.28	22.5	3.20	10.35	0.14	<0.02	<0.01	0.031	1.22	5.0	28.1	1.28	446	0.50	0.18
5115		2.68	33.9	3.32	9.41	0.10	<0.02	<0.01	0.036	1.22	9.0	27.8	1.21	396	0.66	0.11

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5078		0.18	24.8	610	2.2	56.2	0.001	0.36	0.07	7.3	0.4	0.5	53.5	<0.01	0.01	1.7
5079		0.22	22.3	590	1.5	53.7	0.001	0.13	0.07	9.8	0.4	0.9	32.0	<0.01	<0.01	2.1
5080		0.20	22.8	600	2.3	49.7	0.001	0.36	0.08	8.1	0.4	0.7	29.9	<0.01	0.01	1.8
ST-4		0.09	57.8	290	0.3	0.9	<0.001	<0.01	<0.05	3.9	0.2	0.4	102.0	<0.01	0.02	<0.2
5081		0.32	26.4	710	3.4	40.3	0.001	0.11	0.07	8.9	0.3	0.7	43.7	0.01	0.02	1.7
5082		0.19	24.8	590	2.2	49.4	0.001	0.15	0.05	9.5	0.4	0.7	53.7	<0.01	<0.01	2.1
5083		0.19	25.2	580	1.8	50.1	0.001	0.16	0.07	10.5	0.3	0.9	37.1	<0.01	0.01	1.7
5084		0.16	23.0	570	3.6	32.4	0.003	0.28	<0.05	5.7	0.4	0.5	36.2	<0.01	0.01	3.4
5085		0.22	50.6	770	3.4	60.2	0.003	0.32	<0.05	11.2	0.6	0.7	45.6	<0.01	0.05	2.8
5086		0.16	57.3	840	4.4	40.1	0.001	0.31	0.11	10.2	0.8	0.6	25.0	<0.01	0.04	3.7
5087		0.16	60.3	670	3.8	27.7	0.001	0.30	0.10	7.7	0.7	0.4	17.5	<0.01	0.04	3.0
5088		0.28	44.0	810	4.1	47.2	0.001	0.27	0.05	10.8	0.8	0.7	35.4	<0.01	0.03	3.0
5089		0.22	37.1	810	2.7	70.6	0.001	0.31	0.06	8.9	0.5	0.7	38.1	<0.01	0.04	3.6
5090		0.22	31.5	640	2.3	68.7	0.001	0.25	<0.05	9.7	0.3	0.9	53.8	<0.01	0.02	2.8
5091		0.19	39.2	730	2.4	57.5	0.001	0.15	0.07	11.1	0.4	0.7	54.4	<0.01	0.02	1.4
5092		0.11	38.0	460	5.4	24.2	0.005	0.69	0.38	7.2	1.0	0.3	47.7	<0.01	0.04	3.2
5093		0.25	21.4	630	3.1	31.9	0.002	0.22	0.09	8.8	0.5	0.7	24.1	<0.01	0.01	1.9
5094		0.22	24.4	590	4.6	37.9	0.003	0.57	0.29	7.7	0.5	0.6	41.3	<0.01	0.03	2.3
5095		0.20	24.4	600	3.0	43.0	0.001	0.20	0.13	8.7	0.2	0.7	57.4	<0.01	0.01	1.7
5096		0.32	27.9	760	2.5	63.1	0.001	0.38	0.09	8.9	0.5	0.8	48.2	<0.01	0.03	3.3
5097		0.26	19.7	560	2.3	54.2	<0.001	0.08	0.05	8.7	0.3	0.9	21.2	<0.01	<0.01	2.4
5098		0.26	17.8	540	2.2	44.2	<0.001	0.08	0.06	8.4	0.3	0.8	36.4	<0.01	<0.01	2.3
5099		0.19	20.2	510	1.8	39.7	0.001	0.03	0.06	7.5	0.3	0.7	65.3	<0.01	<0.01	1.5
5100		0.19	25.0	700	1.2	49.1	<0.001	0.06	0.07	8.8	0.4	0.7	27.8	<0.01	0.01	1.9
ST-5		0.08	38.4	410	0.2	0.4	0.001	<0.01	<0.05	3.2	0.2	0.2	81.8	<0.01	0.03	<0.2
5101		0.22	24.2	680	1.4	41.2	0.001	0.06	0.07	7.7	0.4	0.6	43.1	<0.01	<0.01	1.9
5102		0.22	23.2	610	1.6	50.6	<0.001	0.18	0.08	8.4	0.3	0.7	27.0	<0.01	<0.01	1.7
5103		0.24	23.1	690	1.3	43.8	<0.001	0.09	0.07	7.4	0.5	0.6	26.5	<0.01	<0.01	2.1
5104		0.30	24.2	670	1.3	48.4	0.001	0.18	0.07	8.7	0.4	0.8	30.4	<0.01	0.01	2.0
5105		0.30	32.7	660	1.4	62.5	0.001	0.37	0.09	8.3	0.3	0.8	20.9	<0.01	0.03	3.1
5106		0.09	4.4	360	1.3	18.3	<0.001	<0.01	0.28	2.5	<0.2	0.3	22.7	<0.01	<0.01	1.0
5107		0.26	26.5	650	1.4	58.1	0.001	0.29	0.07	9.5	0.4	0.7	20.5	<0.01	0.02	2.3
5108		0.21	28.2	680	2.5	34.4	0.001	0.39	0.10	9.3	0.6	0.7	55.8	<0.01	0.02	2.2
5109		0.20	24.8	620	2.1	44.1	0.001	0.23	0.08	10.5	0.5	0.8	90.3	<0.01	<0.01	1.4
5110		0.23	27.0	590	2.5	49.0	0.002	0.42	0.12	7.6	0.6	0.6	67.8	<0.01	0.02	2.2
5111		0.21	29.5	650	4.5	44.7	0.002	0.32	0.08	8.9	0.6	0.7	29.5	<0.01	0.02	2.8
5112		0.21	23.1	600	2.8	45.6	0.001	0.13	0.06	9.4	0.3	0.7	57.4	<0.01	0.01	2.0
5113		0.15	23.2	550	4.1	29.6	0.002	0.36	0.15	6.3	0.6	0.5	42.4	<0.01	0.01	2.6
5114		0.20	24.1	650	2.3	42.3	<0.001	0.17	0.09	9.7	0.4	0.8	56.4	<0.01	<0.01	2.0
5115		0.29	37.8	650	1.9	57.1	0.001	0.24	0.05	9.7	0.5	0.8	32.0	<0.01	0.02	3.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
5078		0.221	0.34	0.34	85	0.20	5.12	69	<0.5
5079		0.240	0.26	0.33	96	0.26	5.51	64	<0.5
5080		0.207	0.30	0.33	87	0.18	5.20	64	<0.5
ST-4		0.122	<0.02	0.07	165	<0.05	2.82	26	1.2
5081		0.209	0.23	0.29	101	0.16	5.70	75	<0.5
5082		0.235	0.27	0.36	93	0.20	5.55	70	<0.5
5083		0.222	0.25	0.27	99	0.14	4.57	70	<0.5
5084		0.105	0.19	0.73	67	0.11	7.07	62	<0.5
5085		0.180	0.41	0.43	121	0.11	4.60	102	<0.5
5086		0.129	0.26	0.66	110	0.13	6.18	112	<0.5
5087		0.086	0.19	0.44	83	0.13	5.00	109	<0.5
5088		0.140	0.26	0.50	108	0.35	5.86	70	<0.5
5089		0.174	0.37	0.43	109	0.26	5.07	87	<0.5
5090		0.243	0.38	0.35	101	0.27	4.99	87	<0.5
5091		0.246	0.33	0.25	113	0.36	4.79	75	<0.5
5092		0.038	0.13	0.52	93	0.35	6.50	73	<0.5
5093		0.178	0.19	0.37	85	0.23	6.33	67	<0.5
5094		0.155	0.23	0.45	79	0.22	6.90	75	<0.5
5095		0.212	0.26	0.29	94	0.48	4.95	71	<0.5
5096		0.238	0.38	0.62	90	0.17	5.57	80	<0.5
5097		0.273	0.32	0.55	82	0.25	6.48	64	<0.5
5098		0.253	0.25	0.37	83	0.24	5.70	57	<0.5
5099		0.224	0.21	0.22	83	0.17	4.89	53	<0.5
5100		0.309	0.25	0.30	115	0.17	5.65	69	<0.5
ST-5		0.118	<0.02	0.08	214	<0.05	2.70	26	<0.5
5101		0.282	0.22	0.29	106	0.16	5.68	61	0.5
5102		0.267	0.28	0.24	99	0.20	5.66	67	0.5
5103		0.290	0.24	0.30	99	0.19	6.24	61	0.6
5104		0.271	0.26	0.38	102	0.21	5.59	66	<0.5
5105		0.255	0.36	0.41	96	0.20	4.84	82	<0.5
5106		0.105	0.13	0.10	26	0.11	1.97	40	<0.5
5107		0.268	0.35	0.38	99	0.17	4.32	76	<0.5
5108		0.177	0.19	0.40	100	0.19	5.56	77	<0.5
5109		0.197	0.24	0.28	101	2.31	4.34	70	<0.5
5110		0.225	0.33	0.58	83	0.23	5.63	73	<0.5
5111		0.175	0.28	0.49	91	0.21	6.51	76	<0.5
5112		0.219	0.27	0.37	89	0.20	5.94	69	<0.5
5113		0.125	0.19	0.57	69	0.16	7.13	69	<0.5
5114		0.215	0.25	0.33	100	0.17	5.17	71	<0.5
5115		0.186	0.32	0.52	97	0.14	4.67	60	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-TL44 Au ppm 0.001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
5116		5.06	0.001	0.09	2.52	4.3	<0.2	<10	340	0.24	0.12	1.34	0.08	11.35	13.4	45
5117		2.44	0.001	0.06	2.46	2.5	<0.2	<10	420	0.18	0.06	0.62	0.04	14.15	11.4	46
5118		3.90	0.001	0.05	2.30	2.2	<0.2	<10	430	0.13	0.08	0.57	0.06	11.15	10.9	44
5119		3.06	0.002	0.06	2.21	6.8	<0.2	<10	480	0.09	0.09	0.59	0.04	12.75	11.1	45
5120		3.62	0.001	0.05	2.20	5.0	<0.2	<10	400	0.16	0.06	0.63	0.05	13.75	9.6	40
ST-6		1.48	0.001	0.01	4.28	<0.1	<0.2	<10	10	0.11	0.01	2.34	0.03	3.07	25.1	132
5121		3.32	0.008	0.07	2.26	13.4	<0.2	<10	340	0.21	0.08	1.52	0.09	11.65	11.1	41
5122		2.58	0.002	0.04	2.40	0.7	<0.2	<10	500	0.12	0.04	0.56	0.05	10.30	13.9	54
5123		2.30	0.002	0.05	1.88	0.6	<0.2	<10	320	0.14	0.04	1.07	0.04	8.25	15.6	46
5124		3.82	0.009	0.07	3.88	1.2	<0.2	<10	160	0.21	0.08	1.40	0.04	4.34	51.3	51
5125		4.02	0.003	0.03	3.77	1.1	<0.2	<10	410	0.23	0.04	1.62	0.05	4.08	35.8	155
5126		3.64	0.002	0.02	2.98	1.4	<0.2	<10	150	0.29	0.02	1.72	0.04	3.44	25.4	156
5127		3.32	0.002	0.04	2.87	1.9	<0.2	<10	130	0.26	0.01	1.77	0.04	3.36	27.9	156
5128		4.60	0.003	0.02	2.83	1.1	<0.2	<10	80	0.18	0.01	1.47	0.03	2.37	24.9	141
5129		4.32	0.009	0.04	2.88	1.3	<0.2	<10	90	0.24	0.01	1.72	0.06	3.14	24.8	145
5130		4.80	0.005	0.03	2.96	1.4	<0.2	<10	120	0.20	0.01	1.63	0.06	2.39	30.1	166

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5116		2.23	29.0	3.18	9.24	0.09	<0.02	<0.01	0.028	1.22	5.4	26.7	1.22	463	0.78	0.09
5117		2.42	15.1	3.15	9.01	0.09	<0.02	<0.01	0.025	1.38	6.8	28.1	1.17	442	0.50	0.09
5118		2.01	18.4	2.89	8.49	0.10	<0.02	<0.01	0.025	1.27	5.2	26.0	1.02	396	0.50	0.11
5119		1.98	21.2	2.96	8.86	0.10	<0.02	<0.01	0.032	1.26	5.8	26.5	1.04	391	0.53	0.12
5120		1.92	16.3	2.68	8.31	0.10	<0.02	<0.01	0.024	1.25	6.6	25.0	0.98	426	0.33	0.12
ST-6		<0.05	31.1	3.83	8.54	0.12	0.02	<0.01	0.005	0.02	1.5	1.9	1.84	378	0.07	0.40
5121		1.65	21.0	2.90	8.47	0.09	<0.02	<0.01	0.028	1.04	5.5	27.4	0.94	500	0.78	0.15
5122		1.88	25.9	3.39	10.40	0.11	<0.02	<0.01	0.038	1.43	5.0	39.3	1.26	486	0.79	0.09
5123		1.21	58.7	3.08	7.23	0.09	0.02	0.01	0.030	0.96	4.1	27.7	0.95	404	7.70	0.15
5124		2.96	182.5	6.80	15.70	0.14	<0.02	<0.01	0.067	1.93	2.7	55.4	1.55	478	0.39	0.22
5125		2.81	59.8	5.21	13.10	0.22	0.03	0.01	0.045	1.76	1.8	55.2	1.91	562	0.15	0.25
5126		2.03	15.2	3.38	8.99	0.18	0.03	<0.01	0.029	1.11	1.4	44.1	1.72	309	0.32	0.19
5127		1.65	31.2	3.49	8.96	0.23	0.04	<0.01	0.028	0.96	1.4	43.0	1.80	300	0.22	0.22
5128		1.73	35.9	3.27	7.88	0.21	0.03	<0.01	0.018	0.88	0.9	44.9	1.83	273	0.52	0.16
5129		1.52	70.3	3.33	8.27	0.28	0.05	<0.01	0.024	0.87	1.3	44.2	1.68	351	0.23	0.24
5130		1.95	47.7	3.87	9.38	0.23	0.03	<0.01	0.028	1.08	1.0	59.8	1.82	354	0.41	0.16

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5116		0.22	26.1	590	3.0	47.4	0.001	0.40	0.11	8.2	0.5	0.7	50.3	<0.01	0.02	2.5
5117		0.22	23.4	570	1.7	54.2	0.001	0.12	0.08	7.7	0.3	0.7	21.4	<0.01	0.01	3.2
5118		0.23	21.3	590	1.4	50.6	0.001	0.12	0.07	7.7	0.3	0.8	26.2	<0.01	0.01	2.6
5119		0.28	22.4	530	1.8	49.0	0.001	0.16	0.11	9.0	0.3	0.9	31.4	<0.01	0.02	2.9
5120		0.23	18.3	490	1.2	48.8	0.001	0.08	0.06	7.7	0.3	0.8	23.5	<0.01	<0.01	2.6
ST-6		0.10	64.1	360	0.2	0.4	<0.001	<0.01	<0.05	2.4	0.2	<0.2	54.5	<0.01	0.02	<0.2
5121		0.32	21.2	500	2.2	41.6	<0.001	0.39	0.10	7.8	0.4	0.7	38.3	<0.01	0.02	2.3
5122		0.37	26.6	660	1.0	49.6	0.001	0.22	<0.05	10.9	0.4	0.9	22.4	<0.01	0.03	2.0
5123		0.35	25.2	820	0.7	29.9	0.003	0.48	<0.05	9.3	0.5	0.7	23.3	<0.01	0.04	1.3
5124		0.59	90.6	3900	1.5	61.5	<0.001	1.34	<0.05	29.7	0.9	1.1	48.5	<0.01	0.10	0.2
5125		0.39	110.5	2410	1.0	58.5	<0.001	0.29	<0.05	20.2	0.6	0.9	51.2	<0.01	0.02	<0.2
5126		0.19	93.6	1980	0.6	35.6	<0.001	0.01	0.05	12.7	0.4	0.7	60.9	<0.01	<0.01	<0.2
5127		0.11	94.6	1900	0.8	31.5	<0.001	0.02	0.30	12.9	0.6	0.6	54.8	<0.01	<0.01	<0.2
5128		0.13	85.0	1860	0.6	28.8	<0.001	0.02	0.26	8.9	0.5	0.5	48.0	<0.01	<0.01	<0.2
5129		0.14	75.3	1830	0.5	27.6	<0.001	0.01	0.31	12.2	0.4	0.6	44.2	<0.01	<0.01	<0.2
5130		0.11	88.0	1910	0.5	35.2	0.001	0.05	0.29	13.2	0.3	0.6	46.4	<0.01	<0.01	<0.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Sample Description	Method Analyte Units LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
5116		0.189	0.31	0.50	81	0.14	5.51	73	<0.5
5117		0.233	0.34	0.48	78	0.17	4.83	71	<0.5
5118		0.210	0.31	0.40	76	0.17	4.24	64	<0.5
5119		0.217	0.30	0.44	81	0.27	4.57	65	<0.5
5120		0.230	0.26	0.40	71	0.24	4.53	58	<0.5
ST-6		0.122	<0.02	0.06	121	<0.05	1.90	32	0.5
5121		0.211	0.26	0.43	73	0.28	6.41	62	<0.5
5122		0.267	0.32	0.31	105	1.14	5.62	78	<0.5
5123		0.201	0.20	0.23	89	0.29	5.91	57	<0.5
5124		0.298	0.41	0.05	189	0.33	17.25	151	<0.5
5125		0.361	0.43	0.05	158	0.27	11.20	131	0.7
5126		0.231	0.26	<0.05	109	0.60	9.25	86	0.7
5127		0.234	0.27	<0.05	106	0.38	10.15	87	0.8
5128		0.227	0.26	<0.05	90	0.24	6.93	73	0.6
5129		0.272	0.28	<0.05	97	0.43	9.54	83	1.0
5130		0.241	0.33	<0.05	114	1.30	7.81	102	0.5

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6C 3P1

Finalized Date: 6-DEC-2011
Account: MILBAVE

Project: Valentine

CERTIFICATE OF ANALYSIS VA11232049

Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
This copy reported on
2-MAR-2012
Account: MILBAVE

CERTIFICATE VA11241769

Project:

P.O. No.:

This report is for 169 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 18-NOV-2011.

The following have access to data associated with this certificate:

JACQUES HOULE	ANDRIS KIKAUKA	MILL BAY VENTURES

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
Au-ST44	Super Trace Au - 50g AR	ICP-MS
ME-MS41	51 anal. aqua regia ICPMS	

To: MILL BAY VENTURES
ATTN: ANDRIS KIKAUKA
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

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.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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

To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	WEI-21	Au-ST44	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
5131		1.66	0.0008	0.07	2.47	10.5	<0.2	<10	150	0.24	0.08	0.38	0.08	13.35	15.1	19
5132		2.56	0.0016	0.12	2.57	16.0	<0.2	<10	120	0.27	0.09	0.33	0.08	17.80	13.4	23
5133		2.68	<0.0001	0.14	2.55	3.4	<0.2	<10	130	0.43	0.29	0.78	0.11	21.2	14.8	48
5134		2.08	0.0001	0.06	2.23	4.3	<0.2	<10	160	0.25	0.10	1.15	0.06	18.90	12.0	49
5135		1.94	0.0004	0.06	2.11	1.8	<0.2	<10	420	0.18	0.12	0.78	0.05	8.89	11.4	56
5136		2.56	0.0004	0.05	2.04	2.1	<0.2	<10	440	0.14	0.09	0.66	0.04	10.65	11.4	58
5137		3.66	0.0008	0.04	1.83	1.7	<0.2	<10	360	0.12	0.10	0.85	0.04	9.80	11.0	52
5138		3.04	0.0001	0.05	2.11	1.5	<0.2	<10	560	0.10	0.08	1.07	0.06	7.88	10.9	55
5139		2.14	0.0001	0.05	1.97	3.5	<0.2	<10	430	0.11	0.07	1.29	0.08	7.59	10.1	46
5140		3.88	0.0011	0.07	2.24	6.0	<0.2	<10	430	0.12	0.08	0.88	0.05	6.40	10.7	52
5141		3.54	0.0006	0.07	2.31	1.6	<0.2	<10	410	0.14	0.11	0.71	0.06	11.10	12.3	50
5142		3.92	0.0005	0.10	1.97	2.1	<0.2	<10	250	0.19	0.09	1.10	0.06	12.80	10.5	37
5143		3.16	0.0006	0.11	1.54	9.3	<0.2	<10	160	0.16	0.10	1.46	0.09	14.95	11.2	25
5144		1.88	0.0001	0.03	0.40	4.3	<0.2	<10	40	0.05	0.01	0.40	0.02	2.41	2.1	10
5145		1.96	0.0010	0.09	2.44	1.7	<0.2	<10	520	0.13	0.07	0.61	0.06	7.12	12.5	53
5146		2.66	0.0024	0.11	1.95	82.3	<0.2	<10	280	0.16	0.13	1.01	0.07	6.52	9.9	42
5147		2.80	0.0009	0.12	2.32	1.2	<0.2	<10	280	0.09	0.17	0.66	0.08	9.88	12.8	50
5148		4.44	0.0001	1.04	1.54	1.4	<0.2	<10	340	0.07	0.06	0.35	0.04	5.82	8.2	41
5149		4.06	0.0003	0.11	2.11	1.3	<0.2	<10	440	0.07	0.10	0.37	0.05	7.07	11.5	44
5150		5.00	0.0002	0.07	2.53	7.2	<0.2	<10	420	0.16	0.09	0.99	0.06	7.42	10.6	45
ST 7		1.22	0.0002	0.03	8.06	0.2	<0.2	<10	10	0.15	0.01	4.75	0.02	4.53	26.4	222
5151		3.84	0.0007	0.06	2.12	5.3	<0.2	<10	360	0.12	0.07	0.97	0.07	6.93	10.0	41
5152		1.56	0.0010	0.13	2.71	11.5	<0.2	<10	500	0.13	0.15	0.36	0.06	13.95	13.4	75
5153		3.70	0.0006	0.08	2.55	2.0	<0.2	<10	370	0.18	0.12	0.98	0.08	10.10	11.5	50
5154		5.60	0.0006	0.11	2.59	7.0	<0.2	<10	410	0.21	0.21	0.73	0.06	11.30	14.1	50
5155		4.16	0.0008	0.04	2.51	14.2	<0.2	<10	630	0.11	0.07	0.49	0.03	7.28	13.4	62
5156		4.48	0.0037	0.08	2.39	72.3	<0.2	<10	360	0.13	0.14	0.94	0.09	6.87	14.1	53
5157		3.84	0.0021	0.05	2.71	27.9	<0.2	<10	560	0.16	0.05	0.79	0.06	7.73	12.7	55
5158		3.92	0.0019	0.05	2.44	18.8	<0.2	<10	580	0.09	0.08	0.50	0.05	7.28	11.5	57
5159		5.32	0.0009	0.06	2.37	6.5	<0.2	<10	520	0.08	0.09	0.56	0.05	7.37	12.6	58
5160		4.88	0.0052	0.06	2.26	56.5	<0.2	<10	500	0.10	0.07	0.69	0.07	6.37	10.4	51
5161		4.24	0.0008	0.05	2.50	5.5	<0.2	<10	580	0.10	0.08	0.66	0.06	6.68	11.8	55
5162		4.06	0.0008	0.05	2.89	4.0	<0.2	<10	590	0.17	0.06	1.05	0.06	6.66	11.4	48
5163		2.32	0.0011	0.06	2.53	6.1	<0.2	<10	530	0.14	0.04	0.96	0.06	5.59	10.3	45
5164		1.56	0.0005	0.07	2.12	2.2	<0.2	<10	360	0.08	0.06	0.48	0.05	8.66	11.5	40
5165		4.12	0.0009	0.05	2.25	9.0	<0.2	<10	560	0.13	0.04	1.19	0.04	8.93	9.3	41
5166		4.40	0.0012	0.08	2.18	14.7	<0.2	<10	410	0.10	0.09	1.09	0.05	9.89	11.1	45
5167		1.90	0.0011	0.12	4.12	32.0	<0.2	<10	540	0.28	0.11	1.76	0.07	7.19	12.6	54
5168		3.26	0.0008	0.06	2.08	10.7	<0.2	<10	500	0.06	0.06	0.44	0.04	8.51	11.5	50
5169		3.56	0.0008	0.06	2.34	5.1	<0.2	<10	640	0.07	0.06	0.46	0.04	10.20	11.7	51

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5131		1.83	40.0	3.53	11.80	0.07	<0.02	<0.01	0.029	0.60	6.6	25.1	1.40	469	0.25	0.08
5132		1.20	51.7	3.64	11.50	0.06	<0.02	<0.01	0.030	0.45	9.1	33.1	1.40	415	0.40	0.08
5133		1.67	53.7	4.24	8.71	0.05	<0.02	0.01	0.032	0.69	10.5	42.5	1.39	417	1.49	0.05
5134		1.19	27.1	3.23	8.70	0.05	<0.02	<0.01	0.031	0.53	9.1	39.4	1.22	424	1.14	0.08
5135		2.17	22.5	2.97	8.93	0.08	<0.02	<0.01	0.032	0.94	4.6	25.1	1.25	439	4.11	0.09
5136		2.07	21.5	2.96	8.81	0.08	0.02	<0.01	0.030	0.94	5.5	24.4	1.25	410	2.22	0.10
5137		1.67	21.0	2.81	7.95	0.07	<0.02	0.01	0.024	0.76	5.0	23.8	1.15	391	0.90	0.08
5138		2.30	23.2	2.98	8.85	0.09	<0.02	0.01	0.027	1.16	4.0	23.9	1.20	432	0.81	0.10
5139		2.32	20.0	2.71	8.00	0.08	<0.02	<0.01	0.029	1.00	4.0	19.2	1.08	476	1.16	0.10
5140		2.47	24.7	2.98	7.90	0.07	<0.02	<0.01	0.020	1.33	3.3	23.7	1.12	479	0.99	0.11
5141		2.51	23.3	3.22	8.83	0.06	<0.02	<0.01	0.026	1.30	5.7	25.8	1.20	475	1.06	0.10
5142		1.52	21.4	2.79	6.85	<0.05	<0.02	<0.01	0.019	0.80	6.5	23.4	1.07	433	0.84	0.07
5143		1.03	39.1	2.82	4.46	<0.05	<0.02	<0.01	0.011	0.63	7.3	16.6	0.78	361	1.45	0.04
5144		0.18	5.1	0.73	1.37	<0.05	<0.02	<0.01	<0.005	0.12	1.3	3.8	0.19	114	0.62	0.03
5145		2.22	23.9	3.25	9.71	0.07	<0.02	<0.01	0.026	1.45	3.7	25.6	1.30	510	0.85	0.12
5146		1.47	24.1	2.77	6.68	0.05	0.02	<0.01	0.015	1.01	3.4	17.8	0.94	461	0.87	0.12
5147		2.29	35.5	3.50	8.05	0.05	<0.02	<0.01	0.018	1.49	4.9	21.2	1.21	478	1.30	0.09
5148		1.45	21.5	2.38	5.97	0.05	<0.02	<0.01	0.023	0.93	3.0	16.2	0.81	329	1.45	0.10
5149		2.39	29.6	3.13	8.20	<0.05	<0.02	<0.01	0.023	1.40	3.6	22.1	1.10	448	1.33	0.09
5150		2.12	20.2	2.94	9.28	0.08	<0.02	<0.01	0.020	1.32	3.8	21.9	1.09	482	0.99	0.18
ST 7		<0.05	41.1	3.89	12.55	0.08	0.02	<0.01	0.009	0.03	2.2	1.6	2.19	370	0.17	0.74
5151		1.98	17.2	2.70	8.33	0.06	<0.02	<0.01	0.020	1.12	3.6	21.4	1.00	515	0.85	0.12
5152		4.04	44.2	4.06	10.90	0.09	<0.02	<0.01	0.035	1.66	6.7	31.9	1.38	551	1.80	0.08
5153		2.23	28.4	3.18	8.20	0.05	<0.02	<0.01	0.023	1.21	5.1	28.1	1.19	470	0.93	0.11
5154		2.90	40.8	3.75	9.14	0.06	<0.02	<0.01	0.025	1.51	5.7	29.7	1.36	500	1.15	0.08
5155		3.28	14.5	3.48	10.25	0.10	<0.02	<0.01	0.035	1.58	3.7	30.4	1.45	495	0.89	0.11
5156		2.60	37.6	3.55	8.46	<0.05	<0.02	<0.01	0.024	1.39	3.5	23.5	1.20	479	1.61	0.10
5157		2.66	21.5	3.29	10.20	0.09	<0.02	<0.01	0.026	1.46	4.0	28.8	1.28	525	0.84	0.17
5158		3.15	21.9	3.35	9.30	0.07	<0.02	<0.01	0.029	1.62	3.7	28.2	1.31	527	0.89	0.10
5159		3.04	31.1	3.40	9.39	0.07	<0.02	<0.01	0.027	1.52	3.8	27.4	1.26	489	0.96	0.10
5160		2.34	21.5	2.97	8.32	0.09	<0.02	<0.01	0.023	1.29	3.3	23.8	1.10	458	0.92	0.13
5161		2.02	24.4	3.30	9.28	0.08	<0.02	<0.01	0.029	1.50	3.6	22.5	1.29	473	0.78	0.12
5162		2.00	21.2	3.04	9.81	0.16	0.03	<0.01	0.023	1.45	3.3	20.0	1.11	489	1.03	0.21
5163		1.58	26.4	2.79	8.32	0.16	0.03	<0.01	0.018	1.21	2.8	18.6	1.03	456	0.98	0.20
5164		1.95	19.9	3.09	7.46	0.10	0.02	0.01	0.021	1.21	4.3	23.3	1.18	478	0.80	0.08
5165		1.54	18.0	2.52	7.37	0.11	0.02	0.01	0.021	0.91	4.5	22.5	0.95	377	0.78	0.16
5166		1.29	21.8	2.75	7.44	0.11	0.02	<0.01	0.023	0.72	4.9	21.3	1.09	346	0.71	0.14
5167		2.66	28.6	3.36	10.90	0.13	0.02	0.01	0.023	1.55	3.5	25.4	1.31	515	0.85	0.28
5168		1.86	23.2	2.96	8.01	0.13	0.02	<0.01	0.025	1.12	4.2	22.6	1.15	359	0.86	0.12
5169		2.39	20.8	3.16	8.60	0.13	0.02	<0.01	0.030	1.36	5.1	24.5	1.19	441	0.89	0.14

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5131		0.11	30.9	1110	5.1	32.9	<0.001	0.06	0.11	7.0	0.5	0.5	31.4	<0.01	0.01	1.4
5132		0.07	31.1	1090	5.0	22.8	<0.001	0.06	0.14	6.8	0.5	0.3	28.3	<0.01	0.02	2.1
5133		0.08	40.6	1020	7.2	35.7	0.001	0.33	0.27	7.9	0.6	0.6	26.2	<0.01	0.05	3.4
5134		0.06	24.7	720	4.6	21.1	<0.001	0.16	0.15	7.3	0.2	0.5	57.1	<0.01	0.01	2.8
5135		0.12	23.0	600	2.5	39.0	<0.001	0.09	0.13	9.6	0.3	0.8	35.7	<0.01	0.02	2.2
5136		0.12	22.8	580	2.4	37.0	<0.001	0.09	0.12	9.0	0.2	0.7	34.7	<0.01	0.02	2.5
5137		0.13	21.8	580	2.9	29.2	0.001	0.08	0.12	7.8	<0.2	0.6	39.1	<0.01	0.02	2.4
5138		0.13	21.8	590	2.6	45.3	<0.001	0.13	0.09	8.8	0.2	0.8	108.5	<0.01	0.01	2.0
5139		0.12	19.9	550	2.6	41.4	<0.001	0.05	0.12	8.1	0.6	0.7	76.4	<0.01	0.03	1.6
5140		0.12	22.0	570	2.9	51.5	0.001	0.18	0.11	8.7	<0.2	0.6	50.0	<0.01	0.01	1.6
5141		0.13	24.8	600	2.9	54.9	<0.001	0.19	0.12	9.0	0.3	0.7	34.6	<0.01	0.02	2.2
5142		0.11	21.1	570	4.0	32.9	0.001	0.16	0.11	6.0	0.3	0.5	45.9	<0.01	0.02	2.3
5143		0.08	25.5	630	4.7	22.9	0.001	0.48	0.31	3.3	0.6	0.2	67.4	<0.01	0.03	2.9
5144		0.12	4.2	230	0.8	4.6	<0.001	0.05	0.14	1.0	<0.2	0.2	12.8	<0.01	0.01	0.4
5145		0.18	26.1	580	1.9	58.7	0.001	0.22	0.10	9.9	0.3	0.8	35.8	<0.01	0.02	1.8
5146		0.15	20.9	580	2.9	43.9	<0.001	0.51	0.16	6.3	<0.2	0.5	69.0	<0.01	0.03	1.9
5147		0.14	30.7	720	2.8	64.1	0.001	0.65	0.13	7.3	0.7	0.6	31.5	<0.01	0.03	2.3
5148		0.16	15.8	410	1.2	39.0	0.001	0.28	0.12	6.6	<0.2	0.6	33.3	<0.01	0.03	1.4
5149		0.19	23.2	540	1.8	60.7	0.001	0.35	0.13	7.9	0.2	0.7	25.8	<0.01	0.01	1.6
5150		0.18	20.9	550	2.7	55.1	<0.001	0.28	0.17	8.0	0.2	0.7	65.9	<0.01	0.01	2.0
ST 7		<0.05	88.3	250	0.2	0.6	<0.001	0.01	0.06	3.1	0.3	0.2	116.5	<0.01	0.02	<0.2
5151		0.20	19.2	630	2.5	52.7	<0.001	0.18	0.16	7.9	<0.2	0.8	48.4	<0.01	0.02	2.2
5152		0.22	37.4	780	2.0	86.5	0.001	0.29	0.16	12.4	0.4	0.9	19.1	<0.01	0.01	3.7
5153		0.15	26.5	620	2.2	53.2	0.001	0.30	0.17	7.8	0.4	0.7	120.0	<0.01	0.04	2.7
5154		0.18	35.8	670	2.9	65.4	0.001	0.46	0.16	8.0	0.5	0.7	46.6	<0.01	0.06	3.4
5155		0.15	27.8	660	1.5	61.1	<0.001	0.13	0.07	12.2	0.2	0.9	33.6	<0.01	0.01	1.7
5156		0.14	28.7	640	2.4	58.5	0.003	0.50	0.13	8.8	0.5	0.6	71.5	<0.01	0.04	1.4
5157		0.14	25.3	690	2.4	59.2	0.001	0.25	0.10	10.1	0.4	0.8	65.2	<0.01	0.02	1.8
5158		0.17	23.9	650	1.7	63.5	<0.001	0.21	0.08	10.7	0.3	0.8	25.4	<0.01	0.02	2.0
5159		0.17	26.6	630	1.7	60.9	0.001	0.29	0.10	10.8	0.3	0.8	33.1	<0.01	0.02	1.8
5160		0.16	21.7	540	2.1	53.7	0.001	0.26	0.12	8.9	0.5	0.7	45.6	<0.01	0.03	1.7
5161		0.19	25.4	610	1.6	61.5	0.001	0.30	0.09	10.0	<0.2	0.7	40.3	<0.01	0.03	1.7
5162		0.20	20.9	570	1.9	52.7	0.001	0.26	0.06	8.6	0.5	0.7	95.3	<0.01	0.01	1.7
5163		0.17	18.9	520	1.7	42.2	<0.001	0.30	0.05	7.2	0.5	0.6	76.0	<0.01	0.02	1.5
5164		0.20	21.3	540	1.8	48.7	0.001	0.42	0.06	6.9	0.5	0.5	23.7	<0.01	0.02	1.9
5165		0.15	16.4	550	1.6	33.6	<0.001	0.16	0.05	7.1	0.3	0.6	83.8	<0.01	0.01	2.1
5166		0.16	19.3	610	5.4	26.9	<0.001	0.16	0.06	7.4	0.4	0.5	55.0	<0.01	0.01	2.2
5167		0.21	23.4	920	2.6	62.2	0.001	0.37	<0.05	9.4	0.5	0.7	140.5	<0.01	0.03	1.6
5168		0.22	21.4	570	1.4	42.0	0.001	0.21	<0.05	8.8	0.4	0.7	23.3	<0.01	0.02	2.2
5169		0.26	20.7	600	1.3	49.0	0.001	0.19	<0.05	9.8	0.4	0.8	32.6	<0.01	0.01	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
5131		0.098	0.19	0.44	96	0.12	6.93	88	<0.5
5132		0.066	0.14	0.60	92	0.07	6.28	77	<0.5
5133		0.082	0.18	0.58	79	0.09	6.00	101	<0.5
5134		0.069	0.12	0.44	81	0.09	6.46	69	<0.5
5135		0.162	0.19	0.38	98	0.18	5.36	65	<0.5
5136		0.185	0.17	0.34	97	0.15	5.70	64	<0.5
5137		0.153	0.14	0.34	92	0.14	5.25	62	<0.5
5138		0.226	0.22	0.32	99	0.20	5.14	66	<0.5
5139		0.195	0.19	0.26	84	0.17	5.14	61	<0.5
5140		0.248	0.25	0.29	94	0.33	4.55	67	<0.5
5141		0.239	0.25	0.36	92	0.22	5.75	73	<0.5
5142		0.137	0.18	0.52	65	0.18	5.99	66	<0.5
5143		0.069	0.13	0.64	40	0.23	5.42	61	<0.5
5144		0.029	0.02	0.09	11	0.07	1.48	12	<0.5
5145		0.287	0.30	0.34	99	0.21	5.54	75	<0.5
5146		0.210	0.22	0.34	75	0.21	4.60	63	<0.5
5147		0.266	0.35	0.59	91	0.24	6.71	82	<0.5
5148		0.186	0.17	0.27	70	0.14	3.80	48	<0.5
5149		0.268	0.30	0.40	91	0.16	5.20	71	<0.5
5150		0.253	0.26	0.37	87	0.25	5.42	66	<0.5
ST 7		0.094	<0.02	0.07	119	<0.05	1.97	29	0.5
5151		0.233	0.23	0.30	77	0.24	5.24	59	<0.5
5152		0.297	0.40	0.59	129	0.12	5.80	97	<0.5
5153		0.206	0.27	0.52	90	0.10	4.23	79	<0.5
5154		0.259	0.32	0.60	95	0.21	4.67	92	<0.5
5155		0.289	0.32	0.30	119	0.22	5.02	81	<0.5
5156		0.249	0.33	0.39	101	0.18	5.13	79	<0.5
5157		0.278	0.29	0.31	105	0.22	5.25	73	<0.5
5158		0.307	0.32	0.33	108	0.23	4.96	76	<0.5
5159		0.287	0.30	0.33	110	0.23	5.15	77	<0.5
5160		0.246	0.28	0.27	94	0.20	4.36	66	<0.5
5161		0.273	0.29	0.33	104	0.18	4.88	75	<0.5
5162		0.262	0.28	0.27	94	0.20	5.55	67	0.5
5163		0.223	0.22	0.24	82	0.20	4.56	58	<0.5
5164		0.237	0.28	0.44	74	0.14	5.81	73	<0.5
5165		0.161	0.19	0.28	73	0.15	4.27	55	<0.5
5166		0.134	0.15	0.31	82	0.18	5.38	60	<0.5
5167		0.237	0.36	0.21	105	0.14	4.74	78	<0.5
5168		0.208	0.23	0.30	92	0.17	4.95	64	<0.5
5169		0.240	0.27	0.31	97	0.21	4.96	67	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	WEI-21	Au-ST44	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
5170		2.66	0.0005	0.05	1.91	11.5	<0.2	<10	470	0.08	0.04	0.49	0.04	6.87	8.9	44
ST 8		1.88	0.0010	0.02	4.49	<0.1	<0.2	<10	10	0.08	<0.01	1.65	0.02	3.24	37.1	201
5171		0.80	0.0008	0.17	2.82	125.0	<0.2	<10	110	0.42	0.26	3.83	0.18	7.45	12.4	46
5172		3.42	0.0006	0.13	2.91	10.0	<0.2	<10	350	0.08	0.25	0.33	0.06	13.90	16.1	75
5173		1.92	0.0008	0.12	3.16	14.0	<0.2	<10	380	0.18	0.23	1.50	0.08	10.90	15.9	63
5174		4.66	0.0010	0.11	2.93	60.7	<0.2	<10	360	0.14	0.17	0.60	0.07	12.30	15.5	64
5175		4.34	0.0004	0.11	2.30	10.6	<0.2	<10	310	0.07	0.11	0.31	0.06	11.05	13.3	49
5176		4.34	0.0005	0.09	2.30	12.5	<0.2	<10	380	0.14	0.08	0.60	0.08	10.30	15.5	54
5177		2.60	0.0006	0.12	2.90	4.3	<0.2	<10	310	0.14	0.28	0.52	0.05	15.75	14.4	61
5178		3.28	0.0004	0.12	3.10	16.4	<0.2	<10	330	0.12	0.18	0.45	0.06	17.65	20.3	67
5179		4.98	0.0004	0.16	2.74	1.9	<0.2	<10	270	0.17	0.35	0.43	0.06	20.4	17.7	63
5180		3.64	0.0007	0.09	2.37	18.0	<0.2	<10	320	0.16	0.10	0.75	0.06	15.90	14.0	48
5181		3.72	0.0007	0.07	2.26	24.1	<0.2	<10	460	0.10	0.05	0.45	0.04	12.05	13.9	49
5182		3.92	0.0006	0.06	2.24	17.6	<0.2	<10	380	0.14	0.05	0.89	0.05	8.82	13.5	42
5183		2.98	0.0011	0.05	2.16	13.6	<0.2	<10	350	0.14	0.04	0.83	0.04	7.02	12.6	45
5184		2.66	0.0010	0.05	2.27	17.6	<0.2	<10	400	0.15	0.03	0.97	0.05	7.30	13.2	45
5185		2.44	0.0006	0.04	1.14	7.4	<0.2	<10	140	0.07	0.02	0.86	0.05	2.35	4.4	22
5186		3.00	0.0008	0.08	2.65	21.8	<0.2	<10	460	0.14	0.04	0.77	0.05	8.03	16.0	55
5187		3.94	0.0005	0.04	1.77	3.7	<0.2	<10	340	0.05	0.04	0.46	0.03	5.96	9.2	45
5188		3.94	0.0006	0.09	2.02	12.6	<0.2	<10	320	0.09	0.15	0.56	0.10	9.17	12.4	43
5189		3.58	0.0010	0.06	2.44	6.5	<0.2	<10	410	0.21	0.04	0.96	0.04	7.96	15.4	36
5190		4.08	0.0008	0.07	2.47	14.9	<0.2	<10	450	0.14	0.08	0.84	0.05	10.35	16.0	43
ST 9		2.38	0.0002	0.02	4.45	<0.1	<0.2	<10	10	0.15	<0.01	3.23	0.03	4.48	15.1	157
5191		4.48	0.0008	0.10	2.30	14.2	<0.2	<10	360	0.09	0.15	0.46	0.08	12.30	16.1	49
5192		3.52	0.0005	0.11	2.10	4.5	<0.2	<10	310	0.10	0.11	0.78	0.06	9.24	12.9	41
5193		3.92	0.0006	0.05	1.91	5.4	<0.2	<10	300	0.11	0.05	0.89	0.05	7.98	12.7	37
5194		2.36	0.0007	0.12	2.40	48.7	<0.2	<10	280	0.19	0.12	0.75	0.09	13.70	16.7	41
5195		3.26	0.0004	0.09	2.09	6.5	<0.2	<10	350	0.09	0.10	0.48	0.07	11.20	14.1	45
5196		3.42	0.0005	0.05	1.99	15.2	<0.2	<10	370	0.08	0.04	0.89	0.06	7.27	11.1	42
5197		2.34	0.0005	0.05	2.05	9.3	<0.2	<10	390	0.07	0.10	0.80	0.07	8.24	11.9	43
5198		2.72	0.0008	0.05	2.20	18.2	<0.2	<10	470	0.08	0.04	0.83	0.05	7.04	12.1	47
5199		3.18	0.0003	0.08	1.98	13.6	<0.2	<10	200	0.18	0.11	0.94	0.07	15.80	12.3	38
5200		3.38	0.0004	0.06	1.81	72.2	<0.2	<10	200	0.19	0.08	1.35	0.07	15.15	11.5	41
5201		4.96	0.0004	0.05	1.95	15.3	<0.2	<10	380	0.09	0.07	0.64	0.04	9.57	11.7	47
5202		4.22	0.0003	0.06	2.20	23.6	<0.2	<10	400	0.11	0.08	0.62	0.06	8.47	12.3	54
5203		3.84	0.0002	0.09	2.22	28.0	<0.2	<10	340	0.19	0.13	0.79	0.08	11.00	13.3	52
5204		3.38	0.0006	0.08	1.81	18.1	<0.2	<10	260	0.10	0.04	0.82	0.05	7.70	14.3	24
5205		4.26	0.0005	0.05	2.14	10.9	<0.2	<10	320	0.12	0.05	0.96	0.07	8.76	12.0	49
5206		2.86	0.0004	0.06	2.10	12.2	<0.2	<10	280	0.13	0.07	1.25	0.07	9.94	11.0	46
5207		3.16	0.0005	0.07	2.19	13.7	<0.2	<10	320	0.16	0.13	1.04	0.06	12.20	12.6	42

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5170		1.78	13.5	2.49	6.53	0.10	<0.02	<0.01	0.021	1.03	3.5	20.1	0.96	344	1.09	0.12
ST 8		0.06	56.2	4.96	8.76	0.14	0.03	<0.01	0.009	0.03	1.4	4.8	3.15	651	0.08	0.25
5171		1.71	58.5	2.94	10.55	0.10	<0.02	0.01	0.022	0.62	3.6	16.0	0.81	532	1.01	0.16
5172		3.74	47.7	4.79	12.40	0.12	<0.02	<0.01	0.039	1.54	6.5	34.9	1.55	462	1.10	0.08
5173		2.76	45.7	4.37	11.70	0.11	<0.02	<0.01	0.031	1.21	5.3	31.0	1.45	501	1.15	0.11
5174		3.31	38.9	4.10	12.35	0.13	<0.02	<0.01	0.035	1.37	5.9	31.8	1.38	426	0.95	0.13
5175		2.80	30.7	3.60	9.39	0.10	<0.02	<0.01	0.027	1.18	5.4	25.2	1.25	381	0.87	0.07
5176		2.87	31.5	3.35	11.70	0.13	0.02	<0.01	0.032	1.15	5.2	31.3	1.23	426	1.24	0.11
5177		4.14	55.1	4.43	10.50	0.10	<0.02	<0.01	0.037	1.32	7.6	32.9	1.47	403	1.33	0.08
5178		5.22	56.7	4.93	16.20	0.16	0.02	<0.01	0.045	1.34	8.5	40.3	1.75	438	3.09	0.07
5179		4.55	57.1	4.19	12.85	0.15	0.02	<0.01	0.044	1.08	9.8	42.0	1.39	403	0.89	0.09
5180		3.59	32.6	3.55	9.80	0.11	<0.02	<0.01	0.027	1.24	7.8	30.9	1.24	424	1.01	0.07
5181		3.69	18.6	3.06	11.55	0.12	0.02	<0.01	0.032	1.31	6.1	33.9	1.20	427	0.48	0.10
5182		2.55	24.3	2.88	10.40	0.11	<0.02	<0.01	0.026	1.02	4.5	27.0	1.09	398	0.48	0.13
5183		1.88	20.6	2.69	10.10	0.14	<0.02	<0.01	0.023	0.93	3.5	22.9	1.07	386	0.45	0.15
5184		2.60	24.8	2.87	10.50	0.13	<0.02	<0.01	0.026	1.17	3.6	25.7	1.11	419	0.47	0.12
5185		0.87	11.0	1.54	3.42	0.05	<0.02	<0.01	0.011	0.47	1.2	8.4	0.53	266	0.20	0.12
5186		2.81	19.6	3.26	12.65	0.18	<0.02	<0.01	0.033	1.44	4.0	27.1	1.27	475	0.59	0.18
5187		1.44	16.2	2.53	7.28	0.12	<0.02	<0.01	0.018	0.97	2.9	13.9	1.10	311	0.37	0.11
5188		2.38	32.4	3.49	7.08	0.09	<0.02	<0.01	0.018	1.30	4.5	17.3	1.02	374	2.34	0.08
5189		3.13	37.8	2.94	12.25	0.20	0.03	<0.01	0.022	1.19	3.9	22.0	1.06	424	0.94	0.21
5190		3.61	43.8	3.43	12.80	0.15	0.02	<0.01	0.029	1.46	5.1	27.1	1.27	424	1.08	0.14
ST 9		<0.05	14.8	2.98	10.65	0.13	0.05	<0.01	0.008	0.02	2.1	0.8	0.83	231	0.15	0.47
5191		3.73	39.5	3.68	9.99	0.11	<0.02	<0.01	0.026	1.50	6.0	26.1	1.21	421	0.89	0.08
5192		2.16	27.5	3.43	7.83	0.08	<0.02	<0.01	0.019	1.07	4.6	20.6	1.13	430	1.62	0.07
5193		2.21	24.0	2.86	8.94	0.10	0.02	<0.01	0.021	0.95	4.0	21.3	1.05	406	0.53	0.09
5194		4.04	32.6	3.48	10.85	0.11	0.02	<0.01	0.025	1.23	6.8	30.1	1.19	438	1.02	0.09
5195		2.94	29.1	3.18	10.25	0.12	0.02	<0.01	0.027	1.29	5.6	25.2	1.12	398	1.02	0.09
5196		2.31	17.6	2.71	7.60	0.08	0.02	<0.01	0.023	1.18	3.7	23.2	1.05	419	0.50	0.13
5197		2.58	25.6	3.01	7.66	0.08	0.02	<0.01	0.026	1.31	4.2	22.7	1.05	459	0.60	0.11
5198		2.69	18.7	2.99	8.48	0.10	<0.02	<0.01	0.028	1.32	3.6	26.6	1.21	444	0.47	0.12
5199		1.55	28.8	3.29	7.36	0.08	0.02	<0.01	0.023	0.77	8.0	37.7	1.13	412	0.76	0.08
5200		1.20	21.1	2.84	8.10	0.08	0.02	<0.01	0.028	0.54	7.8	41.8	1.08	455	0.52	0.09
5201		2.20	19.3	2.97	7.93	0.10	0.02	<0.01	0.024	1.10	4.8	29.2	1.19	415	0.51	0.11
5202		2.37	24.4	3.29	8.20	0.10	0.02	<0.01	0.031	1.17	4.2	35.3	1.26	501	0.52	0.11
5203		2.52	32.7	3.35	8.67	0.09	0.02	<0.01	0.030	1.09	5.4	33.0	1.26	496	0.88	0.10
5204		2.68	59.5	2.96	9.42	0.13	0.04	<0.01	0.016	0.98	3.6	26.8	1.08	335	0.15	0.12
5205		2.24	20.4	3.09	8.46	0.08	0.02	<0.01	0.030	0.93	4.3	37.9	1.23	462	0.61	0.10
5206		1.95	19.3	2.93	7.76	0.08	<0.02	<0.01	0.025	0.91	4.9	32.5	1.13	438	0.57	0.11
5207		1.95	28.7	3.31	8.32	0.08	0.02	<0.01	0.027	0.95	6.0	32.6	1.19	458	1.33	0.10

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5170		0.19	15.8	500	1.3	38.3	<0.001	0.16	<0.05	7.3	0.3	0.7	35.4	<0.01	0.01	1.6
ST 8		0.11	68.1	170	0.2	0.6	<0.001	0.02	<0.05	4.4	0.3	0.2	38.7	<0.01	0.01	<0.2
5171		0.45	23.4	1420	2.2	31.6	0.001	0.76	0.08	9.9	1.1	0.4	195.0	0.01	0.13	1.3
5172		0.29	39.8	880	2.2	72.8	0.001	0.54	0.05	15.1	0.9	0.9	12.5	<0.01	0.07	3.4
5173		0.28	37.1	910	2.3	54.1	0.001	0.52	<0.05	10.9	0.8	0.7	89.5	<0.01	0.08	2.8
5174		0.28	33.9	920	2.1	65.0	0.001	0.42	0.06	13.0	0.8	0.8	30.8	<0.01	0.06	2.6
5175		0.22	27.5	670	1.8	54.1	0.001	0.38	<0.05	9.0	0.6	0.7	11.8	<0.01	0.04	2.4
5176		0.28	28.4	580	2.3	56.9	0.001	0.37	<0.05	11.1	0.7	0.9	36.1	<0.01	0.03	2.6
5177		0.28	34.1	1090	2.0	64.0	0.001	0.45	0.06	10.8	0.8	1.0	58.1	<0.01	0.05	2.1
5178		0.41	44.9	990	2.4	83.7	0.003	0.32	0.07	14.9	0.8	1.3	20.1	<0.01	0.04	4.6
5179		0.41	40.9	910	2.2	66.6	0.001	0.45	0.06	15.3	1.0	1.1	26.2	0.01	0.07	3.2
5180		0.24	31.3	660	2.2	59.8	0.001	0.35	0.09	8.1	0.7	0.7	32.3	<0.01	0.03	3.4
5181		0.25	24.1	550	1.8	61.4	0.001	0.14	0.07	11.2	0.6	1.0	42.8	<0.01	0.02	2.6
5182		0.23	23.4	580	2.4	47.5	<0.001	0.16	0.08	9.1	0.5	0.7	53.6	<0.01	0.02	2.1
5183		0.21	21.0	510	2.1	38.6	<0.001	0.12	0.06	9.1	0.4	0.7	77.4	<0.01	0.01	1.6
5184		0.22	21.8	500	2.3	51.5	<0.001	0.19	0.07	10.1	0.5	0.8	87.4	<0.01	0.01	1.6
5185		0.12	7.7	280	1.5	15.8	<0.001	0.19	0.06	3.1	0.2	0.3	34.7	<0.01	0.01	0.4
5186		0.28	27.2	610	2.0	59.1	<0.001	0.21	0.06	12.6	0.6	1.1	57.5	<0.01	0.01	1.8
5187		0.16	16.5	570	1.0	33.4	<0.001	0.13	<0.05	7.1	0.3	0.6	15.2	<0.01	0.01	1.5
5188		0.23	26.3	490	1.8	53.9	0.003	0.63	0.08	6.5	0.7	0.5	32.5	<0.01	0.04	2.1
5189		0.33	27.7	690	1.8	55.9	0.001	0.17	0.07	8.3	0.7	0.7	73.8	<0.01	0.01	1.4
5190		0.27	29.9	720	2.0	63.0	0.001	0.22	0.07	10.0	0.6	0.9	52.5	<0.01	0.02	2.1
ST 9		0.21	36.3	350	6.6	0.5	<0.001	0.02	<0.05	3.9	0.3	0.2	78.9	<0.01	0.01	<0.2
5191		0.29	31.6	650	2.4	70.7	0.001	0.43	0.06	9.0	0.7	0.7	31.1	<0.01	0.04	3.0
5192		0.23	24.5	690	3.2	44.1	0.001	0.43	0.06	6.6	0.5	0.5	24.0	<0.01	0.03	2.1
5193		0.22	22.2	580	2.3	41.4	<0.001	0.19	0.05	7.6	0.5	0.6	22.8	<0.01	0.02	1.9
5194		0.22	30.3	600	3.6	66.2	0.001	0.26	0.14	8.5	0.7	0.7	31.2	<0.01	0.04	3.2
5195		0.26	26.0	700	2.2	60.2	0.001	0.31	0.06	9.9	0.7	0.8	21.3	<0.01	0.03	2.5
5196		0.20	18.4	510	1.6	48.0	<0.001	0.12	0.05	8.1	0.3	0.7	46.7	<0.01	0.01	1.9
5197		0.23	20.8	540	1.7	55.4	<0.001	0.25	0.06	8.5	0.4	0.7	56.4	<0.01	0.02	2.1
5198		0.21	20.7	570	1.8	54.6	<0.001	0.14	<0.05	9.5	0.4	0.7	67.9	<0.01	0.01	1.8
5199		0.14	22.9	550	3.4	33.7	<0.001	0.36	0.07	5.7	0.4	0.4	44.2	<0.01	0.02	2.9
5200		0.16	19.9	520	3.5	22.3	<0.001	0.17	0.09	7.1	0.4	0.5	50.7	<0.01	0.02	2.9
5201		0.22	20.0	560	1.9	43.3	<0.001	0.19	<0.05	8.1	0.4	0.7	36.9	<0.01	0.01	2.4
5202		0.23	24.6	600	2.1	44.5	<0.001	0.22	0.05	9.5	0.4	0.7	29.7	<0.01	0.02	2.0
5203		0.18	27.5	640	3.1	45.0	0.001	0.30	0.05	8.8	0.4	0.6	29.8	<0.01	0.02	2.6
5204		0.27	25.7	910	1.8	36.3	<0.001	0.14	0.06	4.9	0.4	0.7	31.8	<0.01	0.01	1.9
5205		0.23	21.8	530	2.9	38.8	0.001	0.27	0.08	8.4	0.4	0.6	63.9	<0.01	0.01	2.1
5206		0.19	20.6	530	3.1	35.8	0.001	0.27	0.12	7.7	0.4	0.6	127.5	<0.01	0.02	2.3
5207		0.19	23.5	560	2.9	38.2	0.001	0.30	0.08	7.6	0.5	0.6	41.4	<0.01	0.02	2.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
5170		0.166	0.22	0.21	75	0.14	3.60	55	<0.5
ST 8		0.102	<0.02	<0.05	87	<0.05	4.05	54	0.7
5171		0.105	0.18	0.25	80	10.15	8.83	44	<0.5
5172		0.227	0.45	0.34	144	0.15	4.15	107	<0.5
5173		0.186	0.37	0.31	114	0.18	4.42	100	<0.5
5174		0.196	0.43	0.34	123	0.17	4.28	95	<0.5
5175		0.182	0.34	0.28	94	0.14	3.72	83	<0.5
5176		0.219	0.32	0.39	97	0.20	6.42	73	<0.5
5177		0.203	0.39	0.29	119	0.62	4.41	49	<0.5
5178		0.209	0.54	0.45	137	0.19	4.97	84	0.5
5179		0.187	0.41	0.41	121	0.63	4.96	58	<0.5
5180		0.179	0.36	0.40	88	0.18	4.36	83	<0.5
5181		0.218	0.36	0.37	90	0.19	4.79	68	<0.5
5182		0.169	0.29	0.28	78	0.22	4.91	62	<0.5
5183		0.167	0.21	0.22	82	0.16	4.21	56	<0.5
5184		0.187	0.31	0.23	84	0.17	4.25	61	<0.5
5185		0.076	0.10	0.07	35	0.07	1.72	30	<0.5
5186		0.237	0.32	0.25	104	0.17	5.14	70	<0.5
5187		0.164	0.17	0.21	81	0.12	3.89	49	<0.5
5188		0.209	0.33	0.81	80	0.20	3.74	75	<0.5
5189		0.248	0.34	0.28	89	0.31	5.08	61	0.7
5190		0.249	0.37	0.31	100	0.28	4.96	71	0.5
ST 9		0.150	<0.02	0.07	131	<0.05	3.34	27	1.6
5191		0.232	0.42	0.41	91	0.19	4.67	82	<0.5
5192		0.191	0.26	0.38	80	0.14	4.95	77	<0.5
5193		0.186	0.26	0.30	75	0.17	5.54	59	<0.5
5194		0.179	0.43	0.49	84	0.18	5.13	80	<0.5
5195		0.209	0.36	0.36	86	0.20	5.30	68	<0.5
5196		0.206	0.27	0.28	78	0.19	5.30	54	<0.5
5197		0.235	0.32	0.33	84	0.19	5.43	61	<0.5
5198		0.238	0.31	0.27	91	0.20	5.58	62	<0.5
5199		0.128	0.20	0.58	69	0.16	7.55	65	<0.5
5200		0.114	0.13	0.52	78	0.20	8.11	56	<0.5
5201		0.216	0.25	0.39	90	0.22	6.07	58	<0.5
5202		0.239	0.25	0.32	99	0.24	6.16	69	<0.5
5203		0.199	0.26	0.39	98	0.20	6.93	70	<0.5
5204		0.232	0.22	0.29	84	0.38	5.01	59	0.9
5205		0.195	0.24	0.36	83	0.19	6.73	66	<0.5
5206		0.168	0.22	0.41	79	0.15	6.58	59	<0.5
5207		0.167	0.24	0.47	81	0.18	6.81	63	<0.5

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	WEI-21	Au-ST44	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
5208		2.90	0.0006	0.05	2.48	103.0	<0.2	<10	390	0.16	0.04	1.22	0.07	8.20	12.3	47
5209		3.18	0.0003	0.08	2.60	19.0	<0.2	<10	460	0.15	0.07	1.09	0.08	10.80	13.6	56
5210		3.62	0.0003	0.07	2.40	4.7	<0.2	<10	340	0.16	0.08	1.07	0.05	7.91	11.6	47
ST10		3.08	0.0006	0.03	7.15	0.1	<0.2	<10	10	0.10	<0.01	4.17	0.04	3.62	32.4	161
5211		3.14	0.0003	0.07	1.99	10.9	<0.2	<10	200	0.17	0.08	1.31	0.07	9.61	12.1	39
5212		2.66	0.0001	0.09	2.17	24.7	<0.2	<10	110	0.25	0.10	1.83	0.08	13.30	14.8	41
5213		4.22	0.0002	0.12	2.92	10.7	<0.2	<10	430	0.16	0.12	0.91	0.09	13.05	17.2	76
5214		3.24	0.0008	0.09	2.26	0.9	<0.2	<10	300	0.12	0.13	0.49	0.04	17.95	12.7	58
5215		3.24	0.0006	0.07	2.23	2.0	<0.2	<10	290	0.13	0.06	0.69	0.06	13.50	11.3	40
5216		3.56	0.0001	0.13	2.47	12.1	<0.2	<10	160	0.43	0.25	1.15	0.11	24.7	16.6	50
5217		3.98	0.0001	0.09	2.04	45.6	<0.2	<10	250	0.17	0.11	0.89	0.07	14.80	13.0	42
5218		4.10	0.0006	0.06	1.95	1.4	<0.2	<10	350	0.08	0.08	0.61	0.04	10.40	11.2	54
5219		4.28	0.0003	0.08	2.15	1.4	<0.2	<10	340	0.13	0.12	0.63	0.07	13.00	13.2	43
5220		3.74	0.0005	0.09	2.27	0.9	<0.2	<10	370	0.13	0.13	0.56	0.07	10.05	13.6	42
5221		3.74	0.0004	0.06	1.88	4.7	<0.2	<10	330	0.12	0.08	0.98	0.06	9.36	9.9	35
5222		3.70	0.0003	0.08	1.99	2.3	<0.2	<10	350	0.11	0.08	0.51	0.04	10.45	10.6	41
5223		3.42	0.0004	0.06	1.98	2.8	<0.2	<10	280	0.17	0.08	0.86	0.06	14.40	11.0	38
5224		4.34	0.0003	0.05	2.01	3.3	<0.2	<10	470	0.11	0.07	0.53	0.04	11.70	11.0	43
5225		3.70	0.0004	0.04	2.02	4.1	<0.2	<10	510	0.12	0.06	0.64	0.04	10.20	10.8	46
5226		4.16	0.0004	0.04	2.13	3.0	<0.2	<10	500	0.10	0.06	0.63	0.04	8.59	11.3	46
5227		4.22	0.0008	0.07	2.01	3.9	<0.2	<10	550	0.08	0.06	0.72	0.04	8.77	12.6	58
5228		4.62	0.0003	0.04	2.02	3.1	<0.2	<10	590	0.07	0.05	0.83	0.03	7.13	12.8	56
5229		3.82	0.0001	0.04	1.92	1.1	<0.2	<10	420	0.10	0.06	0.53	0.04	9.12	11.3	48
5230		4.70	0.0004	0.07	2.36	1.1	<0.2	<10	470	0.09	0.08	0.40	0.05	9.86	12.8	47
ST11		1.92	0.0021	0.16	2.79	0.2	<0.2	<10	10	0.10	0.01	1.43	0.06	6.48	22.5	56
5231		4.74	0.0003	0.11	2.64	2.8	<0.2	<10	480	0.15	0.11	0.40	0.06	12.65	12.6	52
5232		4.18	0.0004	0.05	2.53	2.1	<0.2	<10	460	0.15	0.09	0.57	0.03	8.69	12.4	50
5233		3.62	0.0001	0.09	2.48	0.8	<0.2	<10	310	0.10	0.16	0.42	0.05	14.15	11.9	50
5234		3.64	0.0001	0.13	3.27	1.3	<0.2	<10	350	0.17	0.26	0.33	0.07	18.60	18.3	80
5235		3.70	0.0002	0.11	2.41	1.4	<0.2	<10	340	0.15	0.18	0.27	0.05	19.15	12.8	53
5236		4.22	0.0001	0.12	2.75	1.3	<0.2	<10	330	0.11	0.26	0.36	0.07	18.55	16.2	75
5237		3.20	0.0002	0.84	2.54	0.9	<0.2	<10	310	0.15	0.24	0.40	0.09	15.25	14.4	56
5238		4.10	0.0001	0.16	2.99	0.9	<0.2	<10	410	0.15	0.19	0.41	0.07	16.50	14.8	61
5239		3.76	0.0002	0.10	2.59	0.8	<0.2	<10	450	0.10	0.19	0.49	0.07	11.80	12.8	59
5240		4.26	0.0003	0.13	2.34	1.5	<0.2	<10	440	0.12	0.09	0.66	0.07	8.83	12.1	49
5241		3.64	0.0001	0.14	2.63	3.2	<0.2	<10	320	0.27	0.18	1.05	0.09	15.55	13.1	43
5242		3.84	0.0004	0.07	2.14	3.8	<0.2	<10	290	0.14	0.10	0.76	0.09	12.25	10.9	41
5243		2.20	0.0003	0.08	2.24	1.5	<0.2	<10	340	0.14	0.04	0.90	0.08	10.80	9.7	40
5244		3.40	0.0002	0.08	2.43	3.1	<0.2	<10	480	0.13	0.08	0.62	0.05	9.31	12.5	49
5245		4.36	0.0001	0.17	1.93	1.6	<0.2	<10	350	0.10	0.10	0.63	0.05	12.15	11.0	46

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5208		2.09	18.6	3.01	8.88	0.10	0.02	<0.01	0.026	1.09	4.1	34.3	1.26	471	1.36	0.14
5209		2.72	30.7	3.49	9.16	0.10	0.02	<0.01	0.031	1.28	5.5	32.1	1.37	413	1.29	0.15
5210		1.95	19.7	2.88	8.33	0.10	0.02	<0.01	0.025	0.93	3.9	28.4	1.16	385	0.62	0.16
ST10		<0.05	48.5	3.95	10.05	0.11	0.02	<0.01	0.006	0.02	1.8	1.8	2.83	422	0.10	0.71
5211		1.25	24.3	2.85	7.49	0.08	0.02	<0.01	0.024	0.61	4.7	30.2	1.11	421	0.75	0.10
5212		0.86	32.5	3.34	8.20	0.08	0.02	<0.01	0.031	0.36	6.7	39.4	1.28	500	0.84	0.07
5213		4.07	51.9	4.08	10.45	0.11	0.02	<0.01	0.041	1.45	6.5	39.4	1.49	490	1.41	0.10
5214		2.96	39.1	3.28	8.37	0.10	0.02	<0.01	0.033	1.07	8.9	33.5	1.23	362	0.60	0.09
5215		2.38	22.1	2.98	8.06	0.09	<0.02	<0.01	0.028	0.97	6.8	30.2	1.06	386	0.67	0.11
5216		1.60	52.3	4.21	8.56	0.10	0.02	<0.01	0.028	0.63	12.1	47.9	1.41	499	1.48	0.05
5217		1.86	27.0	3.23	7.85	0.08	0.02	<0.01	0.028	0.83	7.4	35.6	1.20	548	1.15	0.09
5218		1.94	19.1	2.94	7.98	0.13	0.02	<0.01	0.033	1.03	5.1	27.5	1.18	391	0.69	0.14
5219		2.45	29.6	3.27	7.95	0.09	0.02	<0.01	0.026	1.12	6.3	28.6	1.16	387	1.21	0.11
5220		2.74	29.7	3.44	8.18	0.09	0.02	<0.01	0.026	1.23	4.9	28.3	1.24	446	1.27	0.11
5221		1.78	19.2	2.67	7.29	0.09	0.02	<0.01	0.023	1.07	4.7	20.9	0.94	430	0.51	0.10
5222		2.18	18.6	2.77	8.19	0.09	0.02	<0.01	0.027	1.24	5.1	23.2	1.01	433	0.48	0.13
5223		1.54	24.3	3.00	7.88	0.08	0.02	<0.01	0.024	0.91	7.4	27.9	1.07	443	0.55	0.09
5224		2.12	20.1	2.92	8.11	0.11	0.02	<0.01	0.028	1.19	6.1	24.6	1.07	457	0.45	0.12
5225		1.84	16.2	2.86	8.15	0.13	0.02	<0.01	0.026	1.19	5.3	24.9	1.09	436	0.39	0.13
5226		2.29	18.9	2.93	7.93	0.11	0.02	<0.01	0.025	1.26	4.3	23.9	1.08	454	0.46	0.14
5227		2.81	19.6	3.12	8.06	0.14	0.03	<0.01	0.027	1.23	4.4	23.3	1.22	451	0.45	0.13
5228		2.64	21.4	3.11	7.91	0.15	0.03	<0.01	0.024	1.31	3.5	24.5	1.23	468	0.36	0.12
5229		2.04	21.4	2.69	7.40	0.13	0.02	<0.01	0.023	1.06	4.7	24.9	1.09	332	0.51	0.15
5230		2.77	23.8	3.22	8.75	0.12	<0.02	<0.01	0.030	1.43	5.0	27.8	1.23	464	1.35	0.13
ST11		<0.05	90.6	5.13	8.01	0.15	0.31	0.01	0.015	0.02	2.9	4.9	1.06	410	0.23	0.31
5231		2.78	28.5	3.60	9.80	0.11	<0.02	0.01	0.028	1.65	6.0	32.3	1.30	495	0.74	0.10
5232		2.34	21.8	3.01	10.05	0.13	<0.02	<0.01	0.030	1.31	4.3	30.9	1.28	386	0.59	0.17
5233		2.60	33.6	3.43	8.35	0.10	<0.02	0.01	0.027	1.32	6.5	28.2	1.25	361	0.61	0.08
5234		3.43	62.0	4.71	10.35	0.12	<0.02	<0.01	0.040	1.72	8.5	37.1	1.72	489	1.42	0.07
5235		2.48	33.2	3.37	8.90	0.12	<0.02	<0.01	0.036	1.23	9.1	25.6	1.25	327	0.81	0.10
5236		3.62	43.4	4.07	10.05	0.13	<0.02	<0.01	0.042	1.53	8.1	38.4	1.40	353	1.02	0.07
5237		3.31	39.2	3.65	9.54	0.11	<0.02	0.01	0.031	1.39	7.1	34.0	1.28	381	1.89	0.08
5238		4.03	40.3	4.21	10.20	0.10	<0.02	<0.01	0.031	1.74	7.5	37.2	1.47	505	1.09	0.08
5239		2.86	31.7	3.59	9.15	0.11	<0.02	0.02	0.030	1.53	5.6	27.3	1.26	530	0.99	0.10
5240		2.43	21.9	3.14	8.80	0.13	<0.02	<0.01	0.032	1.23	4.6	26.4	1.21	429	0.71	0.13
5241		3.00	39.4	3.87	8.58	0.11	<0.02	<0.01	0.022	1.28	7.0	32.3	1.12	553	1.65	0.09
5242		1.90	20.0	2.99	8.07	0.10	<0.02	<0.01	0.023	0.99	5.8	28.7	0.99	456	0.75	0.09
5243		2.11	23.5	2.74	7.79	0.11	<0.02	<0.01	0.027	1.14	5.1	25.7	0.95	455	0.48	0.11
5244		2.06	24.0	3.10	9.56	0.16	<0.02	<0.01	0.034	1.32	4.7	31.6	1.32	415	0.62	0.15
5245		1.79	26.2	2.85	7.83	0.12	<0.02	<0.01	0.030	1.00	5.6	25.9	1.08	340	0.70	0.11

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5208		0.22	21.4	610	2.4	45.2	0.001	0.17	0.08	8.5	0.4	0.6	61.1	<0.01	0.02	1.7
5209		0.19	26.5	720	2.5	51.8	0.001	0.35	0.07	9.6	0.5	0.7	85.4	<0.01	0.02	2.3
5210		0.21	21.2	530	3.1	36.4	<0.001	0.18	0.05	8.2	0.3	0.7	76.9	<0.01	0.01	2.0
ST10		0.13	106.5	180	0.3	0.5	<0.001	0.02	<0.05	3.2	0.3	<0.2	101.0	<0.01	0.01	<0.2
5211		0.17	21.9	540	2.9	25.0	0.001	0.19	0.08	6.8	0.4	0.5	44.2	<0.01	0.01	2.1
5212		0.09	25.4	650	4.2	15.5	0.001	0.21	0.13	7.1	0.3	0.4	42.9	<0.01	0.02	2.5
5213		0.21	44.0	820	3.2	62.3	0.001	0.20	<0.05	13.3	0.6	0.8	50.2	<0.01	0.03	2.9
5214		0.28	30.7	620	1.9	51.6	<0.001	0.21	<0.05	9.3	0.5	0.8	24.8	<0.01	0.02	3.8
5215		0.29	20.3	520	2.0	43.6	0.001	0.25	<0.05	7.8	0.4	0.7	52.8	<0.01	0.02	3.1
5216		0.13	38.3	700	7.1	29.8	0.002	0.61	0.37	6.2	0.7	0.4	43.8	<0.01	0.05	5.5
5217		0.19	25.0	640	4.2	35.7	0.002	0.40	0.16	7.8	0.5	0.6	55.8	<0.01	0.03	3.2
5218		0.27	19.6	640	1.7	38.7	0.001	0.24	0.08	9.9	0.4	0.9	32.0	<0.01	0.01	2.7
5219		0.25	24.9	610	2.2	49.7	0.002	0.49	0.07	7.9	0.5	0.6	38.2	<0.01	0.02	3.0
5220		0.25	24.9	620	2.4	54.2	0.002	0.56	0.08	7.7	0.6	0.7	27.5	<0.01	0.02	2.5
5221		0.40	16.8	500	2.7	46.2	<0.001	0.22	0.08	7.0	0.4	0.7	35.0	0.01	0.01	2.5
5222		0.35	18.1	530	2.4	56.4	<0.001	0.12	0.07	8.3	0.4	0.9	21.6	0.01	0.01	2.8
5223		0.30	19.5	550	3.2	38.4	<0.001	0.27	0.08	7.2	0.4	0.6	25.5	0.01	0.01	3.6
5224		0.33	18.4	530	1.9	49.9	<0.001	0.16	0.09	8.9	0.4	0.8	24.3	0.01	0.01	3.3
5225		0.28	17.7	530	1.9	45.1	<0.001	0.09	0.09	8.5	0.4	0.8	32.8	<0.01	0.01	3.1
5226		0.24	19.7	570	1.6	50.1	<0.001	0.11	0.09	8.1	0.4	0.7	35.8	<0.01	0.01	2.5
5227		0.24	22.1	620	1.5	44.9	<0.001	0.07	0.10	7.8	0.3	0.6	31.0	<0.01	0.01	2.6
5228		0.20	21.6	600	1.4	46.5	<0.001	0.08	0.10	7.1	0.4	0.5	31.2	0.01	0.01	2.4
5229		0.26	19.5	610	1.4	43.8	<0.001	0.10	0.10	6.9	0.4	0.6	26.6	<0.01	0.01	2.5
5230		0.32	22.2	570	1.7	61.0	0.002	0.17	0.10	9.1	0.4	0.8	22.3	<0.01	0.02	2.5
ST11		0.14	24.1	540	1.5	0.7	0.001	0.08	0.05	3.5	0.5	0.3	34.8	<0.01	0.03	0.2
5231		0.22	24.1	660	1.9	64.5	0.001	0.24	0.10	9.4	0.2	0.8	21.5	<0.01	0.03	3.3
5232		0.16	19.7	590	1.7	52.0	0.002	0.12	0.10	10.5	<0.2	0.9	37.0	<0.01	0.02	2.0
5233		0.15	24.2	660	1.5	57.7	0.001	0.27	0.07	7.8	0.4	0.7	21.3	<0.01	0.03	3.0
5234		0.24	52.5	860	2.1	77.6	0.001	0.36	0.09	12.2	0.3	0.9	10.2	<0.01	0.06	3.8
5235		0.21	24.8	610	1.5	56.1	0.001	0.29	0.07	10.7	0.3	0.9	16.6	<0.01	0.05	2.8
5236		0.22	41.9	770	2.1	80.3	0.002	0.36	0.08	11.0	0.8	0.9	14.4	<0.01	0.08	4.1
5237		0.21	31.3	650	1.7	73.8	0.003	0.41	0.07	9.5	0.8	0.7	17.9	<0.01	0.05	2.7
5238		0.17	33.5	720	2.0	81.4	0.001	0.40	0.06	9.2	0.6	0.8	23.2	<0.01	0.04	3.9
5239		0.17	26.3	670	1.8	63.3	0.002	0.40	<0.05	10.0	0.4	0.8	24.1	<0.01	0.04	2.8
5240		0.15	19.5	580	1.9	45.7	0.002	0.25	0.09	9.6	0.4	0.7	34.1	<0.01	0.02	2.1
5241		0.18	24.0	690	3.1	56.8	0.001	0.60	0.13	7.4	0.4	0.6	41.8	<0.01	0.03	3.5
5242		0.22	17.8	550	2.4	41.6	0.001	0.24	0.08	7.3	0.2	0.6	32.3	<0.01	0.02	3.0
5243		0.20	17.7	470	1.6	49.0	0.001	0.19	0.06	7.3	<0.2	0.7	74.7	<0.01	0.02	2.2
5244		0.16	19.6	600	1.4	51.5	0.001	0.27	0.06	10.6	0.4	0.8	32.3	<0.01	0.02	1.8
5245		0.16	19.1	670	2.7	41.7	0.001	0.31	0.06	8.8	0.3	0.8	31.8	<0.01	0.02	3.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
5208		0.221	0.25	0.31	85	0.17	6.01	66	0.5
5209		0.225	0.31	0.40	110	0.17	6.35	78	<0.5
5210		0.175	0.21	0.38	84	0.24	5.54	60	<0.5
ST10		0.070	<0.02	0.05	80	<0.05	1.56	31	0.5
5211		0.116	0.15	0.38	70	0.18	6.05	60	<0.5
5212		0.055	0.10	0.42	82	0.14	7.23	69	<0.5
5213		0.217	0.38	0.40	129	0.65	5.96	93	<0.5
5214		0.166	0.30	0.57	96	0.74	5.14	61	<0.5
5215		0.154	0.26	0.48	78	0.21	4.60	66	<0.5
5216		0.083	0.19	0.82	79	0.17	7.75	97	<0.5
5217		0.134	0.21	0.53	77	0.22	7.01	74	<0.5
5218		0.195	0.21	0.42	93	0.42	7.10	58	<0.5
5219		0.190	0.28	0.68	81	0.22	5.68	72	<0.5
5220		0.229	0.31	0.55	83	0.23	6.28	75	<0.5
5221		0.210	0.26	0.42	67	0.28	6.54	53	<0.5
5222		0.255	0.30	0.54	76	0.33	7.61	58	<0.5
5223		0.180	0.22	0.73	71	0.26	7.87	60	<0.5
5224		0.248	0.28	0.60	81	0.26	7.28	57	<0.5
5225		0.244	0.25	0.46	85	0.22	6.97	56	<0.5
5226		0.263	0.28	0.38	85	0.23	6.54	59	<0.5
5227		0.274	0.25	0.99	98	0.19	6.93	58	0.6
5228		0.282	0.26	0.61	98	0.19	6.37	58	0.6
5229		0.211	0.24	0.55	84	0.19	5.94	54	<0.5
5230		0.246	0.35	0.61	92	0.21	5.49	68	<0.5
ST11		0.303	<0.02	0.29	199	<0.05	8.35	45	10.0
5231		0.267	0.38	0.63	96	0.19	4.43	78	<0.5
5232		0.212	0.28	0.37	94	0.21	4.67	63	<0.5
5233		0.179	0.35	0.48	89	0.14	3.45	63	<0.5
5234		0.225	0.48	0.58	113	0.13	4.38	68	<0.5
5235		0.180	0.34	0.57	97	0.17	3.75	36	<0.5
5236		0.209	0.49	0.73	114	0.65	4.60	92	<0.5
5237		0.184	0.43	0.58	95	1.89	3.70	80	<0.5
5238		0.222	0.51	0.60	108	0.21	3.87	99	<0.5
5239		0.239	0.37	0.58	105	0.16	4.34	82	<0.5
5240		0.215	0.28	0.41	92	0.18	5.31	66	<0.5
5241		0.191	0.37	0.70	81	0.16	5.91	82	<0.5
5242		0.185	0.28	0.63	71	0.18	5.37	66	<0.5
5243		0.178	0.30	0.49	66	0.17	3.91	59	<0.5
5244		0.210	0.28	0.31	97	0.18	4.37	63	<0.5
5245		0.171	0.25	0.54	89	0.20	4.75	56	0.5

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VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	WEI-21	Au-ST44	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
5246		4.20	0.0003	0.14	3.02	1.0	<0.2	<10	340	0.14	0.24	0.34	0.06	14.90	15.9	60
5247		3.10	<0.0001	0.09	2.65	3.0	<0.2	<10	410	0.15	0.15	0.58	0.05	13.40	13.0	50
5248		3.86	0.0002	0.08	2.26	1.4	<0.2	<10	450	0.13	0.08	0.32	0.06	11.00	12.4	50
5249		3.22	0.0001	0.09	1.81	1.0	<0.2	<10	270	0.12	0.11	0.38	0.05	13.30	11.0	49
5250		0.94	0.0002	0.22	1.53	2.6	<0.2	<10	200	0.16	0.07	0.16	0.05	10.45	8.0	31
ST12		1.50	0.0001	0.02	2.86	0.2	<0.2	<10	10	0.12	0.01	1.65	0.03	5.26	13.9	121
5251		3.64	0.0001	0.06	2.11	1.8	<0.2	<10	400	0.15	0.07	0.36	0.05	9.34	9.6	41
5252		3.64	<0.0001	0.06	2.68	4.9	<0.2	<10	450	0.15	0.09	0.28	0.04	15.40	12.5	48
5253		3.22	0.0001	0.08	2.70	3.4	<0.2	<10	340	0.15	0.19	0.39	0.06	15.90	12.5	44
5254		3.70	<0.0001	0.06	2.23	1.5	<0.2	<10	390	0.12	0.09	0.26	0.04	12.35	9.8	40
5255		4.02	0.0001	0.07	2.27	1.9	<0.2	<10	330	0.12	0.11	0.31	0.05	15.40	10.4	45
5256		3.56	<0.0001	0.06	2.46	1.6	<0.2	<10	170	0.13	0.12	0.33	0.08	11.30	14.4	45
5257		4.20	<0.0001	0.17	3.49	3.3	<0.2	<10	510	0.23	0.25	0.49	0.12	15.05	19.0	119
5258		1.40	0.0001	0.11	2.50	1.0	<0.2	<10	210	0.26	0.21	3.50	0.13	9.95	10.0	55
5259		2.86	0.0001	0.11	3.13	0.8	<0.2	<10	410	0.21	0.26	0.80	0.06	19.40	16.2	82
5260		2.36	<0.0001	0.12	3.11	0.4	<0.2	<10	480	0.14	0.21	0.30	0.05	20.3	16.8	87
5261		5.42	<0.0001	0.14	2.94	0.8	<0.2	<10	400	0.17	0.19	0.47	0.07	18.85	14.8	69
5262		2.10	0.0002	0.16	3.52	1.5	<0.2	<10	540	0.20	0.27	0.42	0.09	19.60	19.0	104
5263		4.42	0.0001	0.14	2.70	1.7	<0.2	<10	230	0.22	0.20	0.83	0.05	20.4	12.2	55
5264		2.78	<0.0001	0.11	3.36	1.4	<0.2	<10	350	0.19	0.24	0.27	0.05	20.5	19.3	106
5265		1.18	<0.0001	0.11	2.72	2.6	<0.2	<10	350	0.27	0.15	1.19	0.06	18.45	11.8	70
5266		3.48	<0.0001	0.11	2.44	2.1	<0.2	<10	310	0.20	0.19	0.34	0.05	21.2	13.1	74
5267		3.96	0.0001	0.12	3.37	2.6	<0.2	<10	470	0.23	0.25	0.79	0.07	17.25	16.7	95
5268		4.26	<0.0001	0.08	2.50	2.4	<0.2	<10	420	0.17	0.12	0.56	0.06	13.40	13.3	64
5269		3.92	0.0004	0.06	2.13	5.1	<0.2	<10	400	0.18	0.09	0.66	0.05	10.10	9.4	42
5270		3.30	0.0005	0.06	2.66	35.2	<0.2	<10	280	0.30	0.08	1.55	0.10	6.70	16.8	153
ST13		1.86	0.0001	0.02	3.35	0.1	<0.2	<10	10	0.09	0.01	1.79	0.02	3.21	15.8	163
5271		2.18	0.0004	0.06	2.01	4.7	<0.2	<10	360	0.14	0.10	0.71	0.06	9.29	9.7	44
5272		3.68	0.0005	0.04	2.09	8.5	<0.2	<10	430	0.12	0.04	0.48	0.03	9.59	10.1	46
5273		2.84	0.0009	0.06	2.48	45.8	<0.2	<10	530	0.14	0.04	0.61	0.05	9.38	12.7	60
5274		3.66	0.0014	0.07	2.28	52.4	<0.2	<10	450	0.12	0.04	0.93	0.05	7.16	13.2	59
5275		3.92	0.0008	0.05	2.03	33.1	<0.2	<10	440	0.08	0.04	0.74	0.05	8.42	11.5	53
5276		4.04	0.0009	0.05	2.48	8.0	<0.2	<10	420	0.14	0.09	0.80	0.06	10.40	11.0	43
5277		4.20	0.0002	0.08	2.64	4.2	<0.2	<10	340	0.20	0.13	0.89	0.06	14.85	13.1	58
5278		2.98	0.0001	0.09	2.97	4.4	<0.2	<10	460	0.17	0.13	0.53	0.06	16.05	15.5	81
5279		4.04	<0.0001	0.13	3.03	2.0	<0.2	<10	410	0.19	0.21	0.68	0.09	18.80	16.6	105
5280		3.58	<0.0001	0.10	2.89	10.8	<0.2	<10	420	0.11	0.19	0.28	0.06	18.95	17.3	112
5281		3.98	0.0001	0.11	2.77	2.5	<0.2	<10	440	0.15	0.14	0.43	0.07	17.55	14.9	71
5282		4.22	0.0004	0.06	2.18	12.2	<0.2	<10	360	0.19	0.06	0.75	0.03	8.37	10.7	49
5283		4.12	0.0028	0.06	2.01	12.6	<0.2	<10	300	0.10	0.05	0.87	0.04	7.33	10.4	46

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5246		3.59	58.2	4.64	9.73	0.11	<0.02	<0.01	0.037	1.70	6.6	38.7	1.49	417	1.01	0.06
5247		2.55	28.6	3.73	9.50	0.10	<0.02	<0.01	0.033	1.28	6.2	35.7	1.29	407	3.25	0.10
5248		2.55	27.8	3.17	9.23	0.13	0.02	<0.01	0.023	1.32	5.4	36.3	1.21	412	0.53	0.11
5249		1.92	24.9	2.70	7.63	0.14	0.02	<0.01	0.019	0.91	6.4	28.1	1.06	290	0.65	0.14
5250		1.97	18.4	2.53	5.05	0.10	<0.02	<0.01	0.016	0.88	5.2	20.8	0.72	282	0.43	0.07
ST12		<0.05	32.4	3.77	7.03	0.11	0.03	<0.01	0.010	0.02	2.5	1.8	0.87	309	0.08	0.32
5251		1.73	18.5	2.60	8.46	0.14	0.02	<0.01	0.025	1.13	4.9	26.2	1.00	389	0.54	0.14
5252		2.69	16.2	3.51	10.00	0.12	<0.02	<0.01	0.030	1.56	7.2	37.3	1.41	428	0.65	0.11
5253		2.92	33.9	3.59	8.79	0.12	<0.02	<0.01	0.024	1.46	7.5	34.5	1.16	388	0.75	0.10
5254		2.02	18.6	2.91	8.51	0.12	<0.02	<0.01	0.022	1.24	6.1	30.6	1.08	371	0.58	0.12
5255		2.20	21.9	3.01	8.15	0.13	<0.02	<0.01	0.024	1.18	7.0	28.8	1.11	343	0.56	0.12
5256		2.37	35.0	4.06	8.22	0.11	0.02	<0.01	0.024	0.78	5.4	29.0	1.27	623	1.14	0.06
5257		4.18	69.3	4.53	11.75	0.14	<0.02	<0.01	0.050	1.58	6.6	45.2	1.68	490	1.40	0.13
5258		1.95	45.7	2.71	6.49	0.10	<0.02	<0.01	0.027	0.69	4.7	20.1	0.91	616	0.67	0.09
5259		3.84	52.5	4.02	9.62	0.14	<0.02	0.01	0.045	1.42	8.9	36.2	1.47	436	1.01	0.08
5260		4.29	44.5	4.35	9.79	0.14	<0.02	<0.01	0.042	1.56	10.1	40.0	1.61	411	1.04	0.08
5261		3.57	43.0	3.80	9.66	0.12	<0.02	<0.01	0.044	1.35	8.6	37.5	1.40	415	0.95	0.10
5262		5.13	60.2	4.87	12.45	0.15	<0.02	<0.01	0.062	1.84	9.2	54.4	1.78	564	1.31	0.08
5263		2.79	37.3	3.06	8.26	0.11	<0.02	<0.01	0.026	0.89	9.8	26.3	1.00	353	0.74	0.09
5264		5.16	42.0	4.63	10.65	0.12	<0.02	<0.01	0.043	1.74	9.8	38.2	1.77	544	1.16	0.06
5265		3.32	47.9	3.46	7.84	0.12	<0.02	0.01	0.038	1.21	8.7	26.5	1.22	462	0.56	0.08
5266		3.26	44.6	3.55	8.16	0.11	<0.02	0.01	0.035	1.27	10.4	35.3	1.28	384	0.67	0.07
5267		3.50	55.6	4.45	10.85	0.14	<0.02	0.01	0.047	1.53	8.6	44.0	1.59	453	1.17	0.13
5268		2.77	37.3	3.44	9.22	0.14	<0.02	0.01	0.038	1.22	6.8	39.3	1.25	405	0.83	0.11
5269		2.15	19.3	2.81	7.76	0.11	<0.02	0.01	0.021	1.11	5.4	28.1	0.96	468	0.70	0.11
5270		2.50	24.2	2.99	9.42	0.13	0.03	0.01	0.024	1.08	3.6	31.8	1.68	490	0.77	0.16
ST13		0.07	15.0	3.40	6.35	0.11	0.07	0.01	0.013	0.03	1.8	3.1	1.53	372	<0.05	0.28
5271		2.62	20.4	2.86	7.48	0.10	<0.02	0.01	0.023	1.16	4.9	27.4	1.05	468	0.63	0.09
5272		1.93	15.4	2.92	8.11	0.13	0.02	0.01	0.018	1.34	5.2	28.7	1.08	466	0.40	0.11
5273		2.66	20.3	3.53	9.48	0.13	0.02	0.03	0.031	1.58	5.0	31.8	1.32	516	0.55	0.11
5274		2.04	23.3	3.29	8.91	0.15	0.02	<0.01	0.021	1.33	3.8	30.8	1.28	488	0.74	0.10
5275		1.89	19.4	2.95	8.27	0.13	0.02	<0.01	0.024	1.35	4.5	27.4	1.10	472	0.92	0.11
5276		2.08	23.7	3.13	8.35	0.09	<0.02	<0.01	0.023	1.39	5.5	26.8	1.18	480	1.08	0.10
5277		2.38	35.6	3.52	9.01	0.12	<0.02	<0.01	0.032	1.25	7.4	29.2	1.32	438	0.96	0.07
5278		2.81	37.2	3.96	10.90	0.13	<0.02	<0.01	0.048	1.52	8.0	36.8	1.58	463	1.27	0.11
5279		2.89	63.4	4.25	9.62	0.13	<0.02	<0.01	0.049	1.52	9.0	31.1	1.54	473	1.50	0.10
5280		2.97	49.6	4.28	8.90	0.14	<0.02	<0.01	0.052	1.56	9.6	31.5	1.55	457	1.40	0.06
5281		2.81	43.8	4.04	10.05	0.11	<0.02	<0.01	0.041	1.46	8.6	34.5	1.46	437	1.36	0.08
5282		1.60	21.1	2.71	8.14	0.15	<0.02	<0.01	0.029	0.96	4.5	29.1	1.08	322	0.83	0.18
5283		1.54	20.9	2.63	8.02	0.14	<0.02	<0.01	0.025	0.86	3.8	28.9	1.12	328	0.88	0.13

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5246		0.19	35.9	850	2.5	74.1	0.001	0.43	0.07	10.6	0.5	0.7	10.8	<0.01	0.05	2.3
5247		0.18	23.6	660	2.4	52.7	0.001	0.32	0.06	9.2	0.5	0.7	27.0	<0.01	0.03	2.4
5248		0.15	20.9	610	1.8	53.6	<0.001	0.18	0.06	9.0	0.3	0.7	26.5	<0.01	0.02	2.5
5249		0.19	18.8	630	1.8	38.2	0.001	0.22	0.08	6.7	<0.2	0.6	29.5	<0.01	0.03	3.2
5250		0.18	15.6	400	2.1	41.2	0.001	0.29	0.10	4.6	0.3	0.6	28.4	<0.01	0.01	2.1
ST12		0.06	21.7	580	0.2	0.5	<0.001	0.01	<0.05	4.0	0.3	0.2	39.9	<0.01	0.02	0.2
5251		0.23	14.8	500	2.3	44.0	0.001	0.15	0.08	8.4	0.4	0.9	34.7	<0.01	0.02	2.3
5252		0.15	20.2	650	1.7	60.8	0.001	0.16	0.06	9.1	0.2	0.8	27.9	<0.01	0.03	3.2
5253		0.20	24.2	660	2.1	61.8	0.001	0.30	0.08	7.5	0.2	0.7	76.8	<0.01	0.03	3.8
5254		0.17	15.8	530	1.5	49.7	0.001	0.17	0.07	7.7	0.5	0.8	23.3	<0.01	0.02	2.8
5255		0.17	18.3	590	1.7	46.4	0.001	0.24	0.08	7.7	0.2	0.7	48.0	<0.01	0.03	2.9
5256		0.19	26.9	680	3.6	39.3	0.001	0.22	<0.05	7.5	0.5	0.5	15.6	<0.01	0.03	2.9
5257		0.20	71.3	790	2.2	68.9	0.002	0.40	<0.05	17.5	0.8	1.2	27.4	<0.01	0.07	3.1
5258		0.24	28.0	520	2.1	31.3	0.001	0.26	<0.05	7.9	0.3	0.7	182.0	<0.01	0.05	1.9
5259		0.27	46.9	920	2.2	69.0	0.001	0.28	<0.05	13.3	0.4	1.1	31.9	<0.01	0.07	3.4
5260		0.24	44.8	810	2.4	74.7	0.002	0.24	<0.05	14.3	0.6	1.1	13.7	<0.01	0.03	3.5
5261		0.20	34.1	710	2.3	63.1	0.001	0.27	<0.05	11.8	0.5	1.0	25.5	<0.01	0.04	3.1
5262		0.25	54.4	960	2.5	87.0	0.001	0.31	<0.05	19.0	0.3	1.4	13.2	<0.01	0.07	3.4
5263		0.34	32.1	580	2.6	46.5	0.001	0.27	<0.05	8.5	0.2	0.6	49.6	0.01	0.03	3.7
5264		0.20	66.2	780	2.5	91.1	0.002	0.19	<0.05	13.7	0.4	1.0	9.0	<0.01	0.04	3.4
5265		0.20	41.7	900	2.0	60.6	0.001	0.23	0.10	10.1	<0.2	0.8	55.5	<0.01	0.04	3.2
5266		0.18	42.9	680	2.0	60.8	0.001	0.26	0.07	8.7	0.2	0.8	12.2	<0.01	0.02	3.2
5267		0.25	55.0	890	3.2	61.8	0.001	0.38	0.07	13.3	<0.2	1.1	36.4	<0.01	0.06	3.3
5268		0.18	33.9	660	2.1	48.9	<0.001	0.19	0.08	10.6	<0.2	0.9	28.2	<0.01	0.04	2.1
5269		0.27	17.9	500	2.7	41.2	0.001	0.21	0.08	6.6	<0.2	0.6	47.5	<0.01	0.01	2.3
5270		0.10	50.9	700	2.9	43.4	<0.001	0.19	0.11	8.3	<0.2	0.6	64.0	<0.01	0.01	1.2
ST13		<0.05	51.5	330	0.2	0.9	<0.001	0.01	0.05	4.0	<0.2	0.3	32.6	<0.01	0.02	0.2
5271		0.15	19.7	560	2.6	42.3	0.001	0.19	0.08	7.3	<0.2	0.7	42.2	<0.01	0.02	2.1
5272		0.15	19.2	540	2.2	49.0	<0.001	0.07	0.08	7.2	<0.2	0.7	21.7	<0.01	0.01	2.4
5273		0.12	23.3	640	1.9	51.8	<0.001	0.13	0.10	10.1	<0.2	0.7	28.6	<0.01	<0.01	2.3
5274		0.14	24.2	670	2.3	41.6	<0.001	0.11	0.07	8.6	<0.2	0.6	32.8	<0.01	0.04	1.7
5275		0.14	21.4	590	1.6	44.8	<0.001	0.09	0.08	7.8	<0.2	0.6	27.4	<0.01	0.02	1.9
5276		0.18	22.5	590	2.2	53.2	0.001	0.28	0.10	7.0	<0.2	0.7	41.4	<0.01	0.02	2.2
5277		0.18	34.7	770	2.3	53.5	0.001	0.30	0.07	9.4	<0.2	0.9	61.2	<0.01	0.01	3.0
5278		0.20	44.5	800	2.4	62.1	0.001	0.23	0.07	13.7	<0.2	1.0	28.6	<0.01	0.05	2.8
5279		0.19	64.0	960	2.8	65.0	0.001	0.34	0.08	14.9	0.5	1.1	31.7	<0.01	0.06	2.9
5280		0.20	72.6	770	2.0	65.5	<0.001	0.23	0.09	13.5	<0.2	1.1	9.8	<0.01	0.04	3.1
5281		0.16	42.3	720	1.8	63.8	0.001	0.29	0.07	11.0	<0.2	0.9	18.5	<0.01	0.04	3.0
5282		0.12	20.8	600	1.6	35.5	0.001	0.16	0.07	8.5	<0.2	0.8	42.9	<0.01	<0.01	1.9
5283		0.12	19.8	570	1.7	32.4	0.001	0.13	0.08	7.9	<0.2	0.6	39.7	<0.01	0.03	1.5

***** See Appendix Page for comments regarding this certificate *****

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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
5246		0.221	0.50	0.37	115	0.21	3.53	40	<0.5
5247		0.191	0.36	0.39	95	0.18	4.22	81	<0.5
5248		0.240	0.27	0.59	92	0.15	5.89	63	<0.5
5249		0.187	0.23	0.46	86	0.17	6.49	51	<0.5
5250		0.156	0.23	0.42	49	0.17	4.55	46	<0.5
ST12		0.176	<0.02	0.18	199	<0.05	4.85	22	0.6
5251		0.227	0.24	0.43	75	0.22	5.76	53	<0.5
5252		0.239	0.38	0.46	96	0.15	4.73	78	<0.5
5253		0.212	0.41	0.55	80	0.16	4.25	79	<0.5
5254		0.200	0.28	0.48	74	0.16	4.47	59	<0.5
5255		0.183	0.29	0.48	81	0.14	4.33	65	<0.5
5256		0.158	0.27	0.46	84	0.18	6.14	80	<0.5
5257		0.227	0.43	0.55	153	0.13	5.00	84	<0.5
5258		0.119	0.21	0.37	74	0.59	3.16	32	<0.5
5259		0.205	0.39	0.72	122	0.11	4.62	35	<0.5
5260		0.228	0.46	0.71	134	0.10	4.68	29	<0.5
5261		0.197	0.39	0.61	115	0.27	4.02	45	<0.5
5262		0.247	0.50	0.51	142	0.22	4.62	55	<0.5
5263		0.147	0.29	0.42	76	0.12	3.65	44	<0.5
5264		0.231	0.53	0.58	120	0.10	4.19	62	<0.5
5265		0.181	0.36	0.55	109	1.00	4.11	28	<0.5
5266		0.185	0.35	0.49	98	0.69	4.22	53	<0.5
5267		0.225	0.38	0.52	137	0.47	5.05	83	<0.5
5268		0.199	0.27	0.36	108	0.15	4.44	66	<0.5
5269		0.222	0.27	0.55	73	0.17	5.38	61	<0.5
5270		0.209	0.26	0.34	92	2.47	5.13	59	0.5
ST13		0.143	<0.02	0.06	156	<0.05	3.29	30	2.0
5271		0.211	0.27	0.36	82	0.20	4.68	63	<0.5
5272		0.252	0.27	0.35	83	0.18	5.85	58	<0.5
5273		0.289	0.32	0.32	108	0.27	5.68	69	<0.5
5274		0.266	0.23	0.36	107	0.24	5.36	64	<0.5
5275		0.258	0.25	0.27	92	0.22	5.58	58	<0.5
5276		0.228	0.34	0.48	80	0.18	5.04	70	<0.5
5277		0.180	0.32	0.43	98	0.12	4.40	62	<0.5
5278		0.218	0.40	0.45	126	0.13	4.68	81	<0.5
5279		0.214	0.38	0.62	133	0.66	4.96	51	<0.5
5280		0.228	0.41	0.45	130	0.12	3.93	34	<0.5
5281		0.207	0.41	0.41	121	0.16	3.97	63	<0.5
5282		0.170	0.19	0.28	89	0.21	4.78	59	<0.5
5283		0.152	0.16	0.23	84	0.23	4.41	57	<0.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MILL BAY VENTURES
900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	WEI-21	Au-ST44	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
5284		3.20	0.0009	0.06	2.25	9.7	<0.2	<10	360	0.11	0.08	0.78	0.06	10.50	11.6	56
5285		1.52	0.0005	0.31	3.30	10.9	<0.2	<10	420	0.23	0.18	0.70	0.10	15.40	15.4	70
5286		2.10	0.0008	0.15	2.63	9.3	<0.2	<10	450	0.19	0.16	0.38	0.05	22.5	15.1	79
5287		2.30	0.0154	0.10	2.71	17.7	<0.2	<10	560	0.17	0.12	0.73	0.07	16.10	13.8	54
5288		1.82	0.0014	0.08	2.59	20.8	<0.2	<10	470	0.14	0.09	0.85	0.06	10.65	11.5	54
5289		3.66	0.0241	0.06	2.53	11.2	<0.2	<10	320	0.17	0.04	3.40	0.13	6.22	20.0	44
5290		1.98	0.0010	0.03	4.32	1.1	<0.2	<10	40	0.17	0.04	3.25	0.09	2.59	34.9	181
ST14		1.72	<0.0001	<0.01	1.60	<0.1	<0.2	<10	<10	0.11	0.01	1.28	0.04	2.55	9.5	112
5291		4.36	0.0467	0.05	3.17	0.9	<0.2	<10	90	0.22	0.01	3.01	0.09	2.65	25.1	137

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
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CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
5284		2.05	26.2	3.16	8.77	0.13	<0.02	0.01	0.028	1.13	5.5	30.4	1.16	443	1.08	0.13
5285		3.46	47.0	4.30	10.55	0.13	<0.02	<0.01	0.035	1.59	7.5	39.5	1.44	505	2.05	0.17
5286		2.92	45.4	3.81	8.90	0.12	<0.02	<0.01	0.037	1.50	10.8	36.4	1.35	411	1.00	0.09
5287		2.37	34.3	3.70	10.05	0.12	<0.02	<0.01	0.035	1.62	7.9	35.4	1.25	510	0.88	0.13
5288		1.84	26.6	3.31	8.86	0.13	<0.02	<0.01	0.031	1.49	5.6	28.9	1.16	485	0.76	0.16
5289		1.73	37.9	3.76	8.83	0.14	0.02	<0.01	0.029	1.41	3.5	33.1	1.12	618	1.08	0.15
5290		1.67	26.9	5.73	12.85	0.22	0.05	<0.01	0.043	0.45	1.1	77.5	3.37	736	0.14	0.10
ST14		<0.05	12.0	2.15	4.13	0.14	0.07	<0.01	0.011	0.02	1.2	1.9	0.78	263	0.06	0.12
5291		2.12	64.0	3.77	8.59	0.23	0.06	<0.01	0.026	0.96	1.1	53.5	1.98	450	0.11	0.21

***** See Appendix Page for comments regarding this certificate *****

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900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
5284		0.14	24.1	630	2.1	41.8	<0.001	0.18	0.09	9.0	<0.2	0.7	41.0	<0.01	0.02	2.3
5285		0.15	38.5	730	4.1	71.1	0.002	0.48	0.10	11.1	0.2	0.7	49.3	<0.01	0.03	3.0
5286		0.19	47.1	730	2.0	65.2	0.001	0.28	0.09	10.6	<0.2	0.9	15.6	<0.01	0.04	3.6
5287		0.23	29.8	640	1.7	64.8	0.002	0.31	0.12	10.1	<0.2	0.9	56.8	<0.01	0.01	2.9
5288		0.18	23.4	590	1.5	48.1	0.001	0.24	0.09	9.6	<0.2	0.8	31.3	<0.01	0.01	2.0
5289		0.26	39.9	2350	1.0	43.6	0.001	0.23	0.11	11.5	<0.2	0.7	50.2	<0.01	<0.01	1.1
5290		0.18	111.5	1370	0.6	18.1	<0.001	0.06	0.13	17.5	<0.2	0.5	69.8	<0.01	0.04	<0.2
ST14		0.12	20.6	340	5.1	0.4	<0.001	0.01	0.05	3.3	<0.2	0.2	28.8	<0.01	<0.01	<0.2
5291		0.26	82.7	1520	0.4	29.5	<0.001	0.06	0.12	11.4	<0.2	0.5	67.6	0.01	0.02	<0.2

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900-570 GRANVILLE STREET
VANCOUVER BC V6C 3P1

Finalized Date: 10-DEC-2011
Account: MILBAVE

CERTIFICATE OF ANALYSIS VA11241769

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Tl	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
5284		0.202	0.23	0.34	97	0.18	5.32	67	<0.5
5285		0.225	0.46	0.52	136	0.26	5.22	104	<0.5
5286		0.217	0.41	0.52	118	0.29	4.63	56	<0.5
5287		0.286	0.34	0.41	101	0.42	5.17	80	<0.5
5288		0.268	0.29	0.35	98	1.92	5.00	69	<0.5
5289		0.270	0.31	0.19	111	0.51	8.96	75	<0.5
5290		0.253	0.14	0.05	163	1.57	9.27	113	0.9
ST14		0.213	<0.02	0.06	99	<0.05	3.12	23	1.9
5291		0.312	0.19	<0.05	113	0.43	7.69	71	1.4

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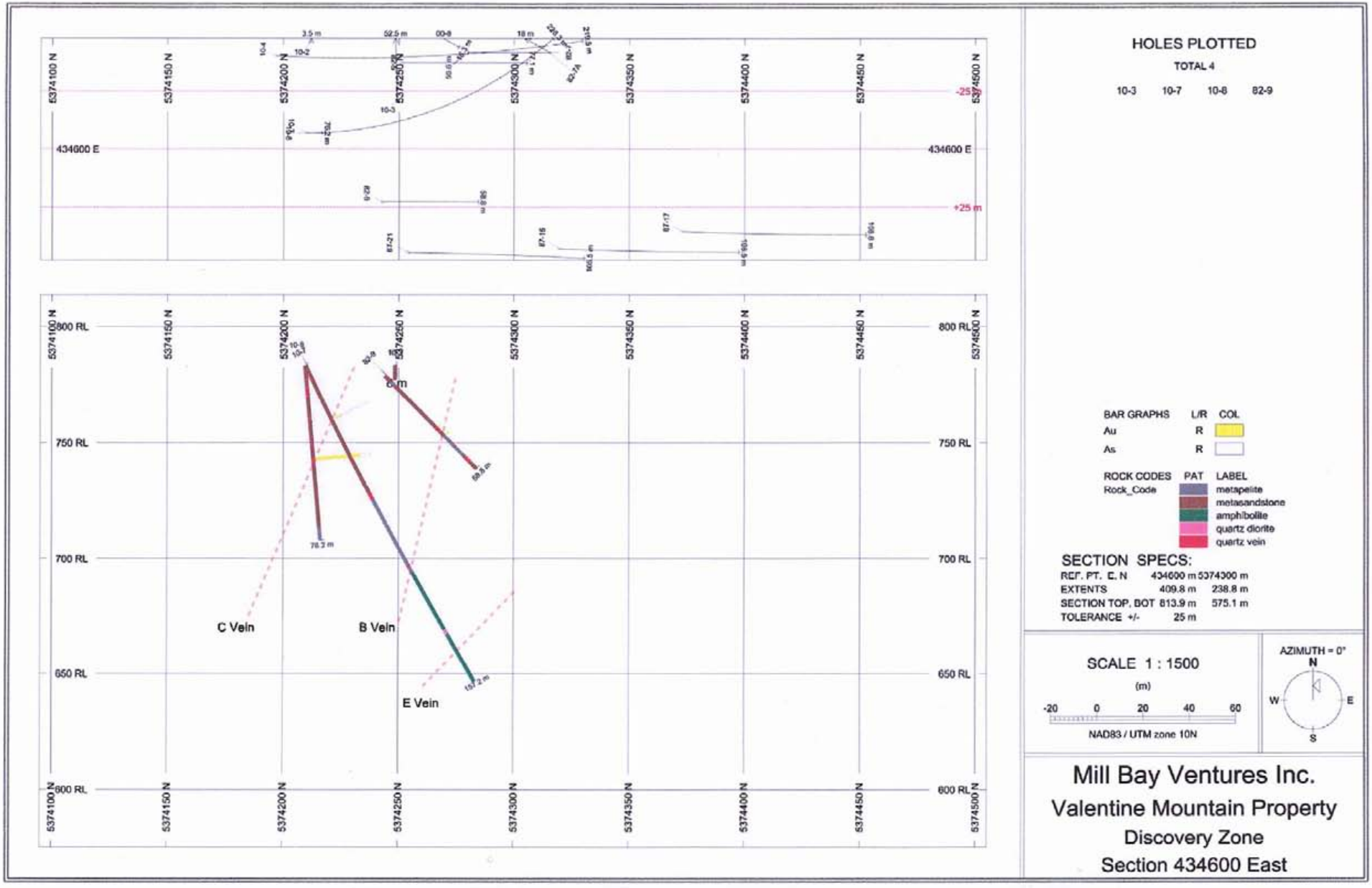
Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 10-DEC-2011
Account: MILBAVE

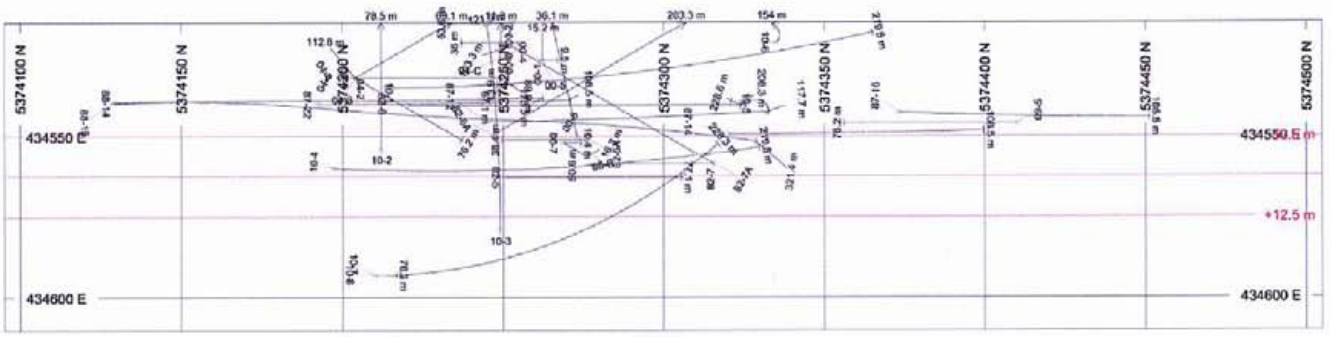
CERTIFICATE OF ANALYSIS VA11241769

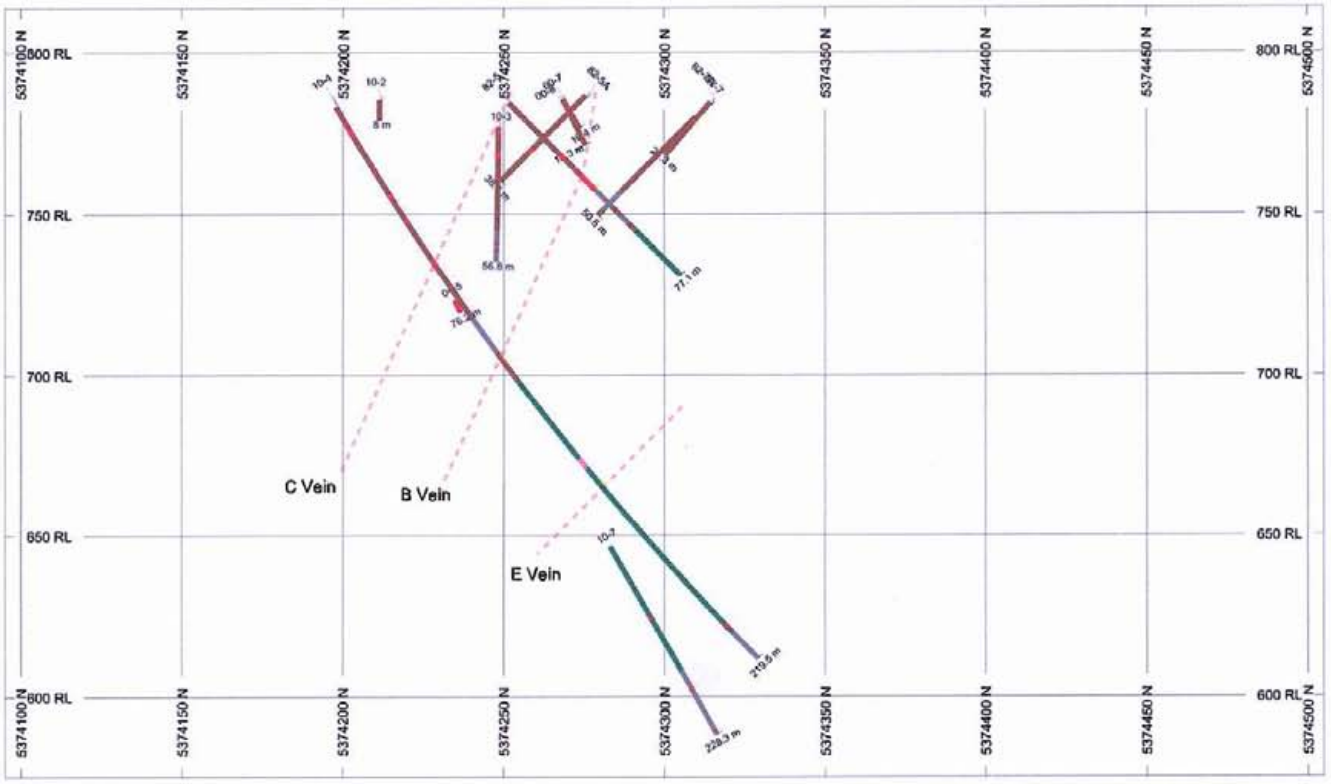
Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).



APPENDIX B- DISCOVERY ZONE HISTORIC DRILL HOLE CROSS SECTION COMPILATION

(FOR PLAN VIEW MAP, SEE FIG 4)





HOLES PLOTTED

TOTAL 11

00-7	00-8	04-5	10-2	10-3	10-4
10-7	82-5	82-5A	82-7	82-7A	

BAR GRAPHS	L/R	COL
Au	R	
As	R	

ROCK CODES	PAT	LABEL
Rock_Code		metapelite
		metasandstone
		amphibolite
		quartz diorite
		quartz vein

SECTION SPECS:

REF. PT. E, N	434563 m	5374300 m
EXTENTS	409.8 m	238.8 m
SECTION TOP, BOT	813.9 m	575.1 m
TOLERANCE +/-	12.5 m	

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 0°

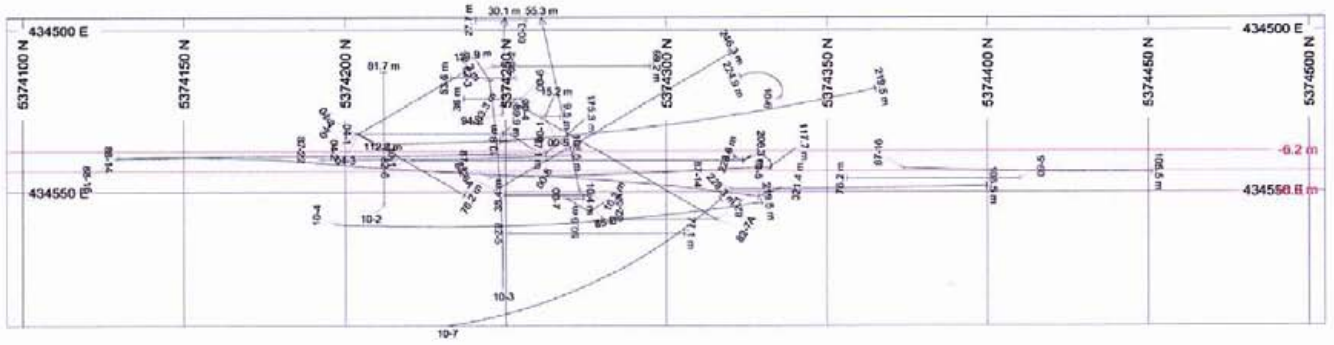
N W E S

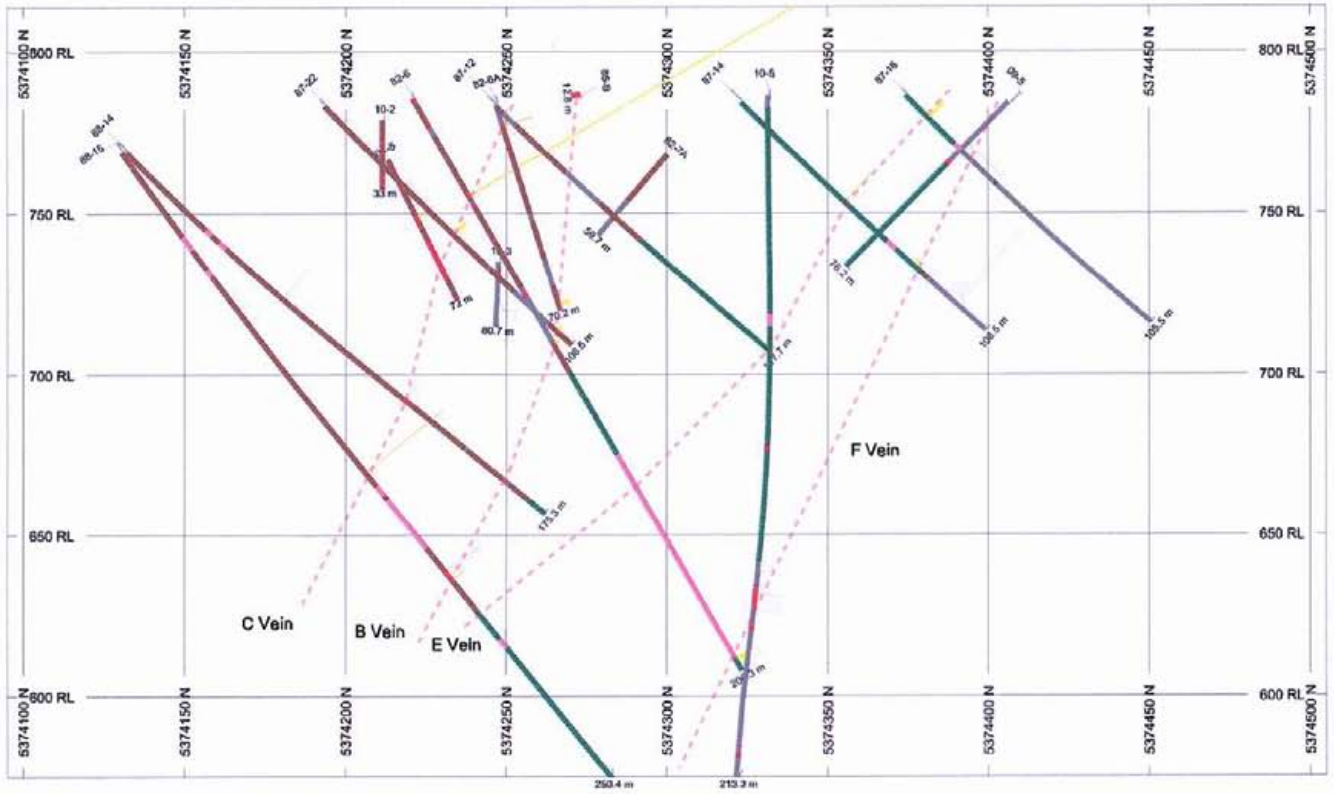
Mill Bay Ventures Inc.

Valentine Mountain Property

Discovery Zone

Section 434562.5 East





HOLES PLOTTED

TOTAL 15

04-5	09-5	10-2	10-3	10-5	82-6
82-6A	82-7A	85-8	87-12	87-14	87-16
87-22	88-14	88-15			

BAR GRAPHS	L/R	COL
Au	R	
As	R	

ROCK CODES	PAT	LABEL
Rock_Code		metapelite
		metasandstone
		amphibolite
		quartz diorite
		quartz vein

SECTION SPECS:

REF. PT. E, N	434544 m	5374300 m
EXTENTS	409.8 m	236.8 m
SECTION TOP, BOT	813.9 m	575.1 m
TOLERANCE +/-	6.25 m	

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 0°

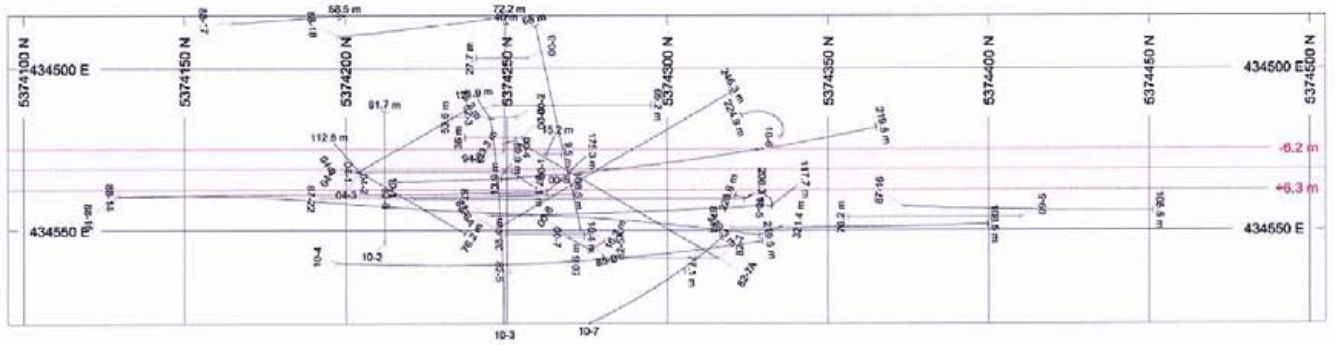
N W E S

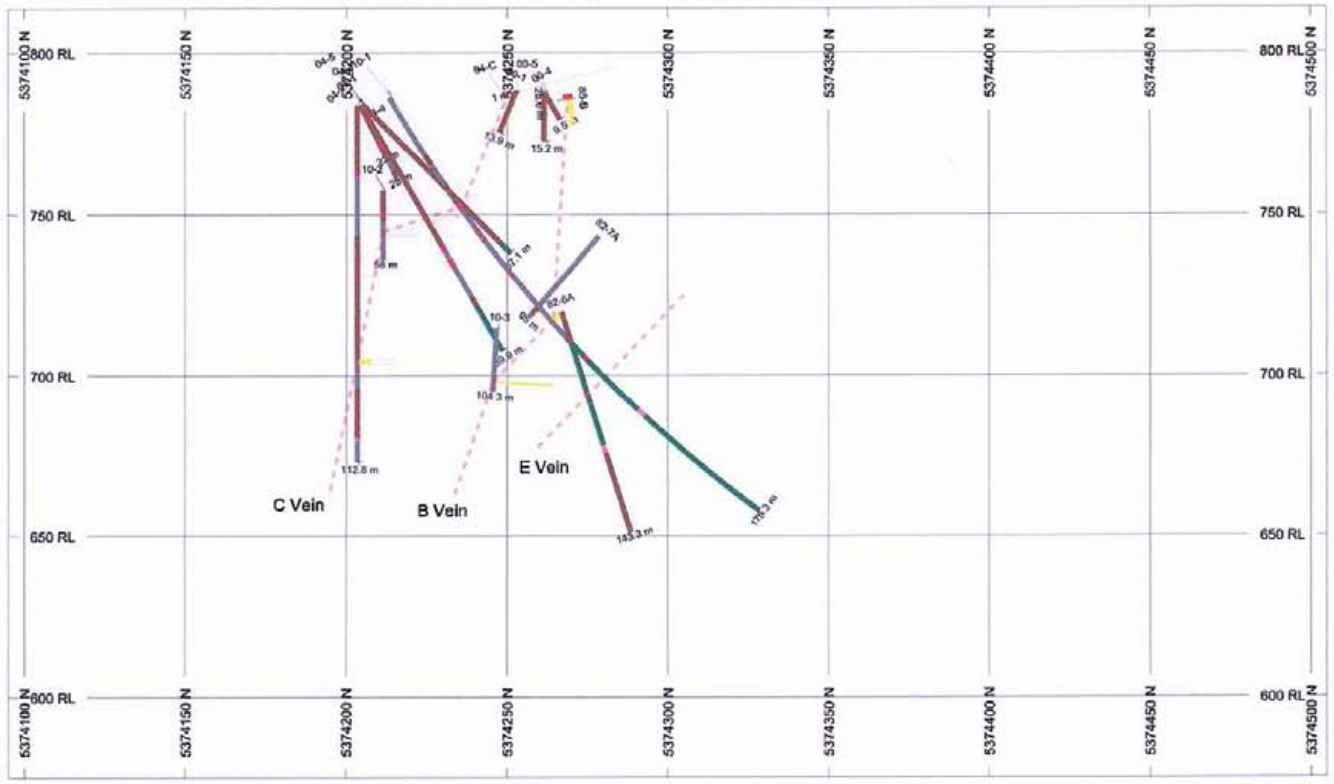
Mill Bay Ventures Inc.

Valentine Mountain Property

Discovery Zone

Section 434543.75 East





HOLES PLOTTED

TOTAL 15

00-1	00-4	00-5	04-1	04-2	04-3
04-4	04-5	10-1	10-2	10-3	82-6A
82-7A	85-B	94-C			

BAR GRAPHS	L/R	COL
Au	R	
As	R	

ROCK CODES	PAT	LABEL
Rock_Code		metapelite
		metasandstone
		amphibolite
		quartz diorite
		quartz vein

SECTION SPECS:

REF. PT. E, N	434531 m	5374300 m
EXTENTS	409.8 m	238.8 m
SECTION TOP, BOT	813.9 m	575.1 m
TOLERANCE +/-	6.25 m	

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 0°

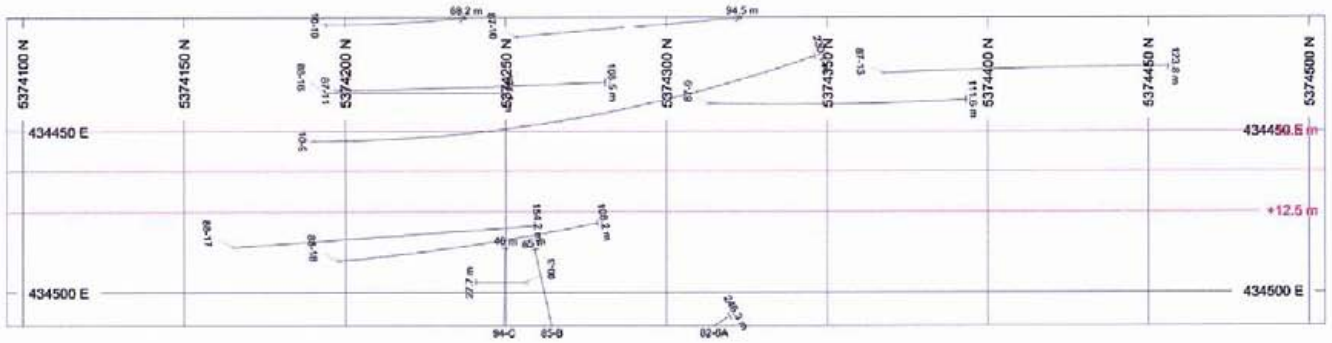
N W E S

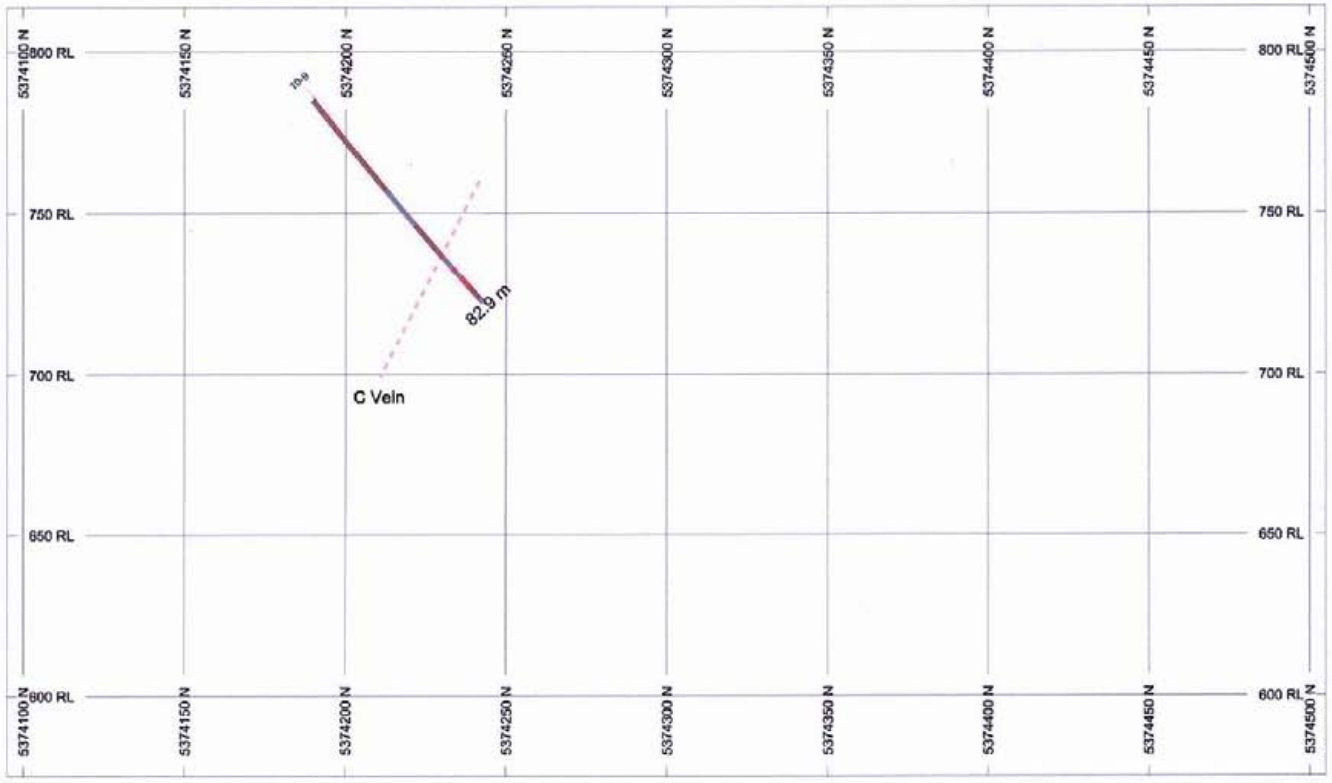
Mill Bay Ventures Inc.

Valentine Mountain Property

Discovery Zone

Section 434531.25 East





HOLES PLOTTED

TOTAL 1

10-9

BAR GRAPHS	L/R	COL
Au	R	
As	R	

ROCK CODES	PAT	LABEL
Rock_Code		metapelite
		metasandstone
		amphibolite
		quartz diorite
		quartz vein

SECTION SPECS:

REF. PT. E, N	434463 m	5374300 m
EXTENTS	409.8 m	238.8 m
SECTION TOP, BOT	813.9 m	575.1 m
TOLERANCE +/-	12.5 m	

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 0°

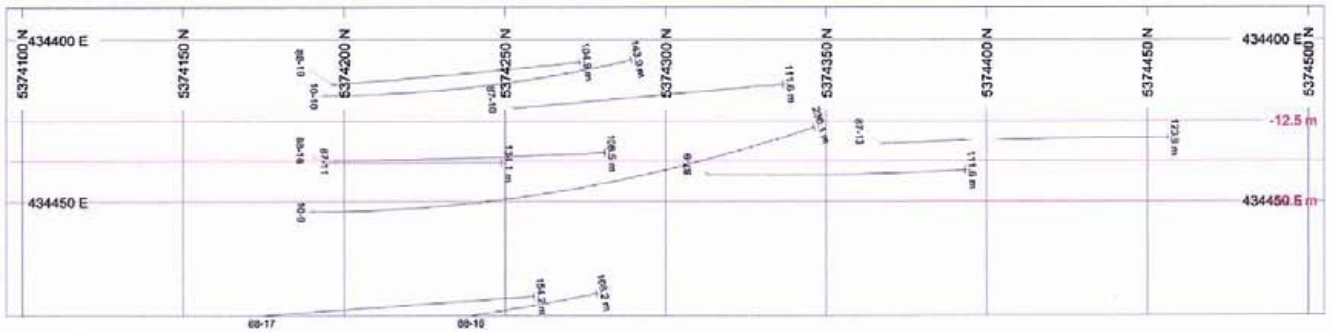
N W E S

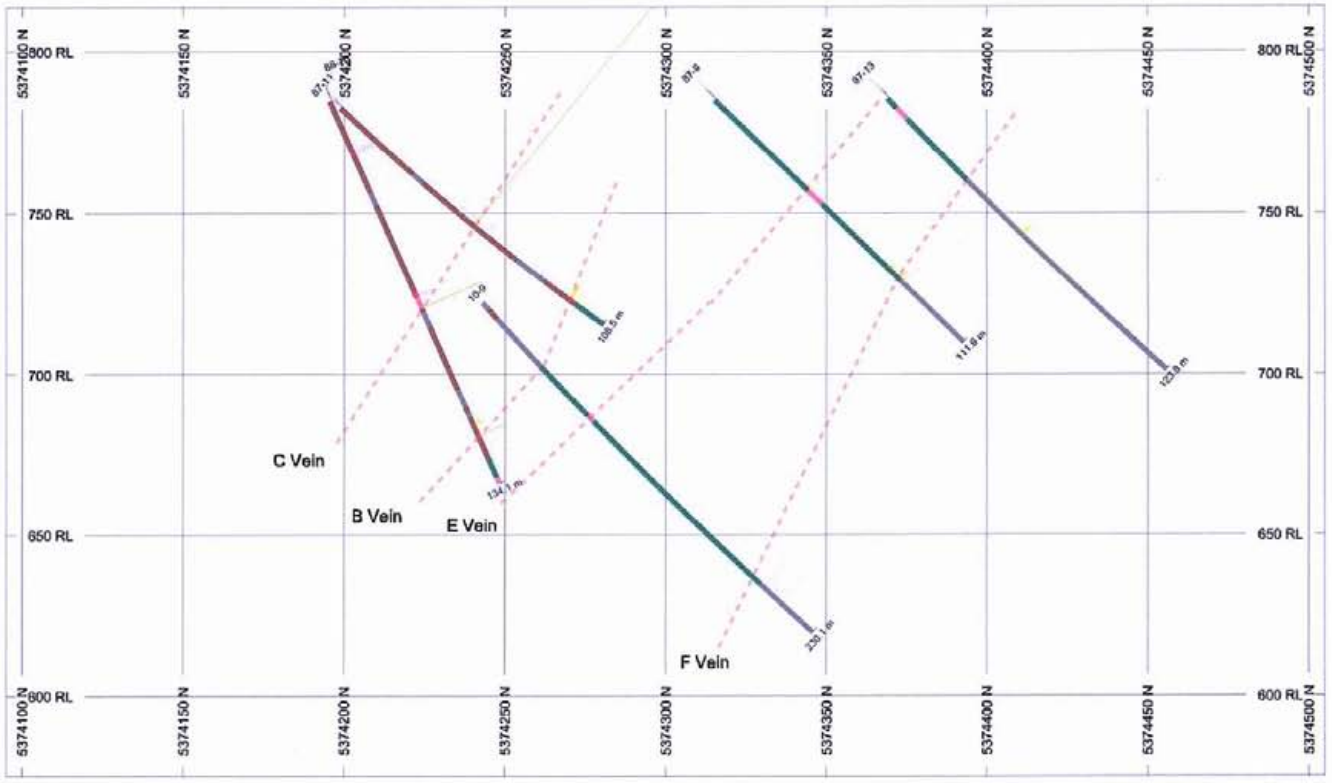
Mill Bay Ventures Inc.

Valentine Mountain Property

Discovery Zone

Section 434462.5 East





HOLES PLOTTED

TOTAL 5

10-9 87-11 87-13 87-9 88-16

BAR GRAPHS	L/R	COL
Au	R	
As	R	

ROCK CODES	PAT	LABEL
Rock_Code		metapelite
		metasandstone
		amphibolite
		quartz diorite
		quartz vein

SECTION SPECS:

REF. PT. E, N	434430 m	5374300 m
EXTENTS	409.8 m	238.8 m
SECTION TOP, BOT	813.9 m	575.1 m
TOLERANCE +/-	12.5 m	

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 0°

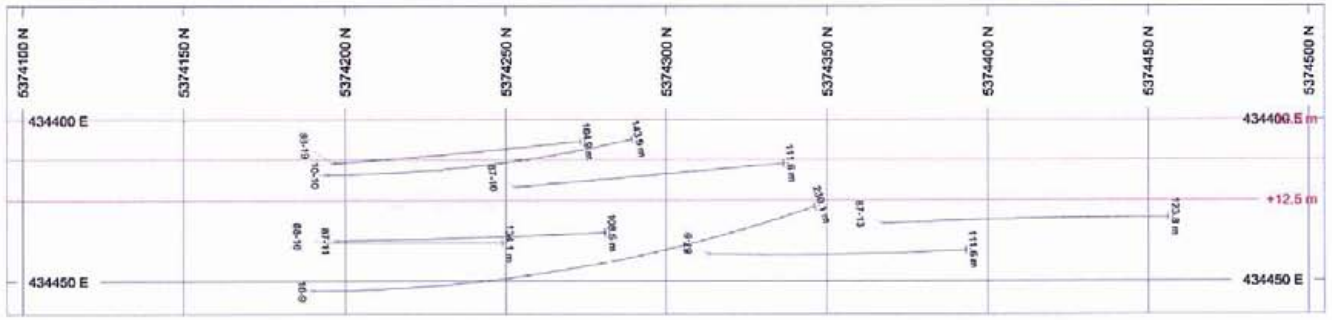
N W E S

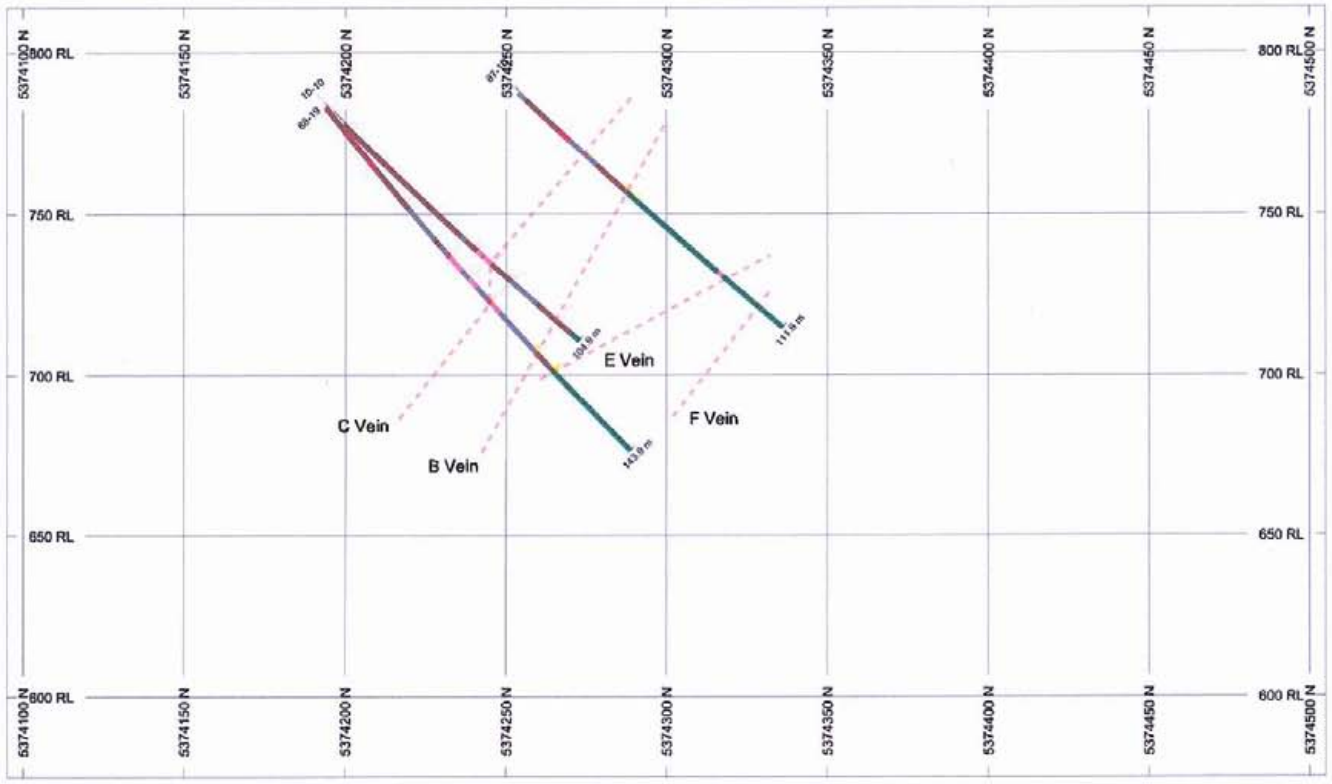
Mill Bay Ventures Inc.

Valentine Mountain Property

Discovery Zone

Section 434437.5 East





HOLES PLOTTED

TOTAL 3

10-10 87-10 88-19

BAR GRAPHS	L/R	COL
Au	R	
As	R	

ROCK CODES	PAT	LABEL
Rock_Code		metapelite
		metasandstone
		amphibolite
		quartz diorite
		quartz vein

SECTION SPECS:

REF. PT. E, N	434413 m	5374300 m
EXTENTS	409.8 m	236.8 m
SECTION TOP, BOT	813.9 m	575.1 m
TOLERANCE +/-	12.5 m	

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 0°

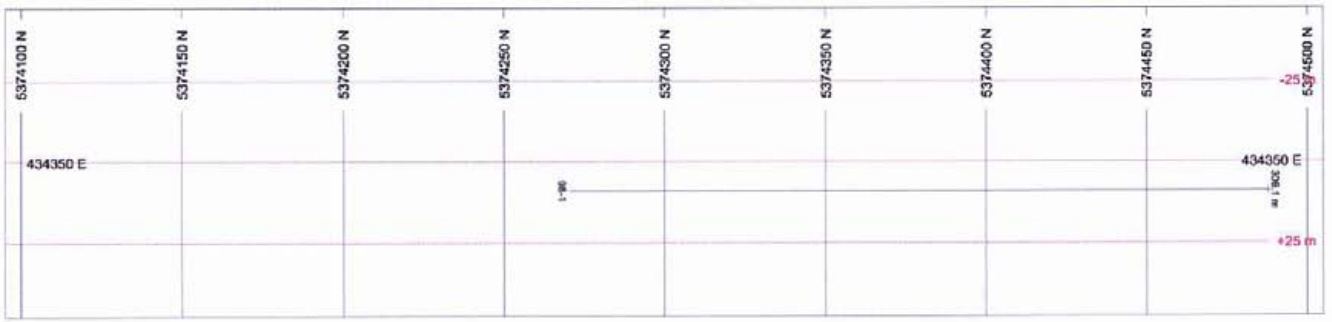
N W E S

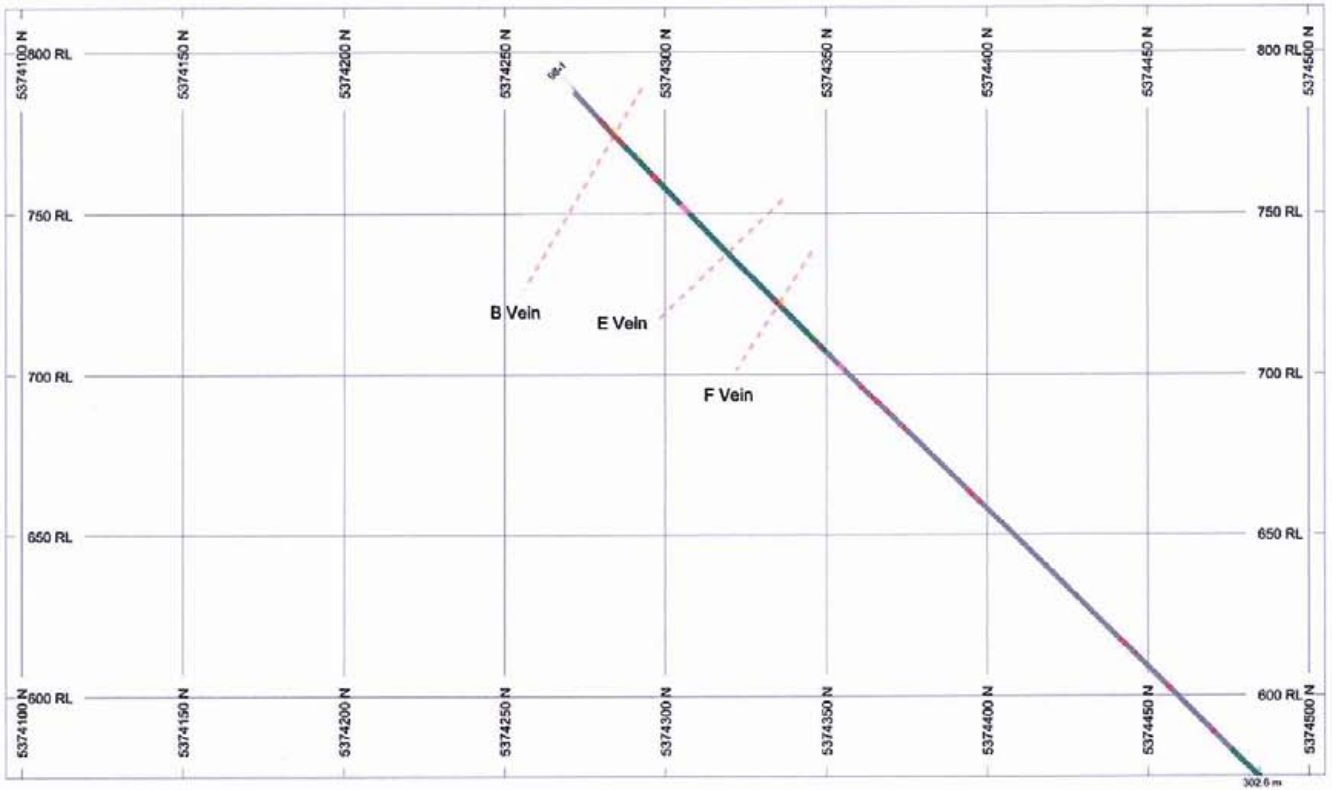
Mill Bay Ventures Inc.

Valentine Mountain Property

Discovery Zone

Section 434412.5 East





HOLES PLOTTED

TOTAL 1

98-1

BAR GRAPHS	L/R	COL
Au	R	
As	R	

ROCK CODES	PAT	LABEL
Rock_Code		metapelite
		metasandstone
		amphibolite
		quartz diorite
		quartz vein

SECTION SPECS:

REF. PT. E, N	434350 m	5374300 m
EXTENTS	409.6 m	238.8 m
SECTION TOP, BOT	813.9 m	575.1 m
TOLERANCE +/-	25 m	

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 0°

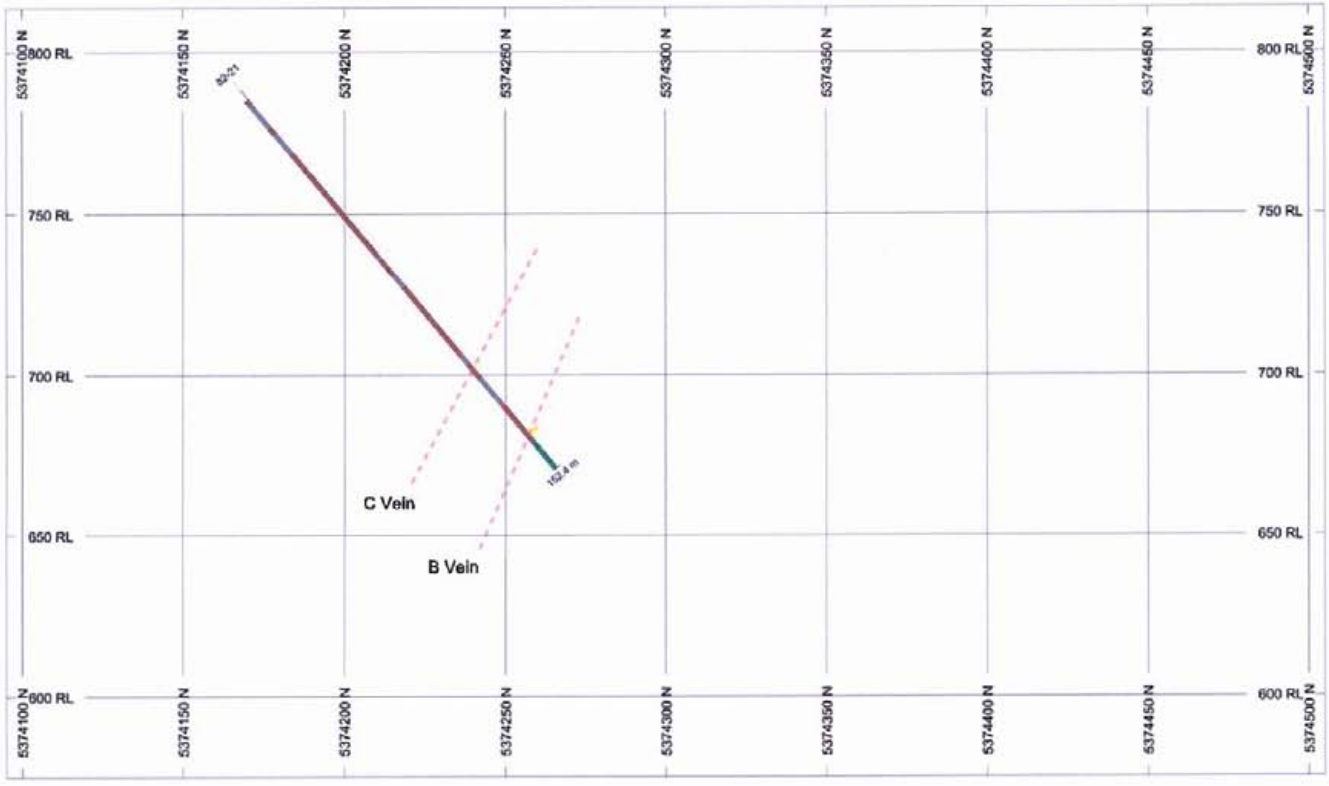
N W E S

Mill Bay Ventures Inc.

Valentine Mountain Property

Discovery Zone

Section 434350 East



HOLES PLOTTED

TOTAL 1

82-21

BAR GRAPHS	L/R	COL
Au	R	
As	R	

ROCK CODES	PAT	LABEL
Rock_Code		metapelite
		metasandstone
		amphibolite
		quartz vein

SECTION SPECS:

REF. PT. E, N	434250 m	5374300 m
EXTENTS	409.8 m	238.8 m
SECTION TOP, BOT	813.9 m	575.1 m
TOLERANCE +/-	25 m	

SCALE 1 : 1500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 0°

N W E S

Mill Bay Ventures Inc.

Valentine Mountain Property

Discovery Zone

Section 434250 East

APPENDIX C- 2011 DRILL HOLE COLLAR DATA

ddh no.	easting NAD 83	northing NAD 83	ddh elevation	ddh azimuth	ddh dip	depth (m)	depth (ft)	Pajari azimuth (corrected to true N)	Pajari dip	Zone Name
V11DDH-7	434530	5373883	764	20	-58	523.34	1,717	at 722 ft Az 017	at 722 ft -52	Discovery Deep
								at 1365 ft Az 014	at 1365 ft -46	
								at 1717 ft Az 012	at 1717 ft -43	
V11DDH-8	434645	5373827	756	0	-55	520.6	1,708	at 700 ft Az 357	at 700 ft -51	Discovery Deep
								at 1240 ft Az 353	at 1240 ft -44	
								at 1708 ft Az 351	at 1708 ft -40	
V11DDH-9	433937	5374165	830	0	-45	206.65	678	at 340 ft Az 358	at 340 ft -41	W Discov Deep
								at 678 ft Az 355	at 678 ft -37	

APPENDIX E- V11DDH-7 DRILL HOLE SAMPLE RECORD, Oct-Nov, 2011

DDH No	Sample No	FROM ft	TO ft	WIDTH ft	Description	Au ppm	Ag ppm	FROM m	TO m	WIDTH m
V11DDH-7	5001	21	26	5	15% qtz 0.1-2.5 cm @40-70 degrees to ca, 1% diss & frac fill py, trace limonite	<0.001	0.07	6.4008	7.9248	1.524
V11DDH-7	5002	26	31	5	12% qtz 0.1-1.5 cm @40-70 degrees to ca, 1% diss & frac fill py, trace limonite	0.02	0.05	7.9248	9.4488	1.524
V11DDH-7	5003	49.4	54.6	5.2	10% qtz 0.1-1.5 cm @5-38 degrees to ca, 0.1% cal, 5% chl,1% diss & frac fill py, pyo	0.012	0.08	15.05712	16.64208	1.58496
V11DDH-7	5004	54.6	57.9	3.3	10% qtz 0.1-1 cm @30-45 degrees to ca, 1% diss & frac fill py	0.009	0.04	16.64208	17.64792	1.00584
V11DDH-7	5005	57.9	61.2	3.3	8% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py	0.008	0.19	17.64792	18.65376	1.00584
V11DDH-7	5006	74	79.5	5.5	10% qtz 0.1-2 cm @45-65 degrees to ca, 1% diss & frac fill py	0.008	0.07	22.5552	24.2316	1.6764
V11DDH-7	5007	79.5	81.6	2.1	15% qtz 0.1-2 cm @45-65 degrees to ca, 1% diss & frac fill py	0.005	0.13	24.2316	24.87168	0.64008
V11DDH-7	5008	81.6	84.9	3.3	8% qtz 0.1-1 cm @45-65 degrees to ca, 2% diss & frac fill py	0.004	0.07	24.87168	25.87752	1.00584
V11DDH-7	5009	84.9	89	4.1	15% qtz 0.1-3 cm @45-65 degrees to ca, 2% diss & frac fill py	0.005	0.11	25.87752	27.1272	1.24968
V11DDH-7	5010	89	94	5	12% qtz 0.1-2 cm @30-60 degrees to ca, 2% cal, 4% chl,1% diss & frac fill py, pyo	0.005	0.07	27.1272	28.6512	1.524
V11DDH-7	5011	94	99	5	3% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py, 98-102.1 broken ground	0.004	0.04	28.6512	30.1752	1.524
V11DDH-7	5012	99	103.2	4.2	3% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py, 10% core loss, fault zone, 1% clay, broken ground	0.003	0.08	30.1752	31.45536	1.28016
V11DDH-7	5013	103.2	109	5.8	2% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py, 103.5-104 & 107.8-108.4 fault zone, broken ground	0.004	0.06	31.45536	33.2232	1.76784
V11DDH-7	5014	109	111.1	2.1	20% qtz 0.1-8 cm @45-65 degrees to ca, 2% diss & frac fill py, 110.2-113.7 fault zone, broken ground	0.003	0.05	33.2232	33.86328	0.64008
V11DDH-7	5015	111.1	113.7	2.6	4% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py, broken ground	0.003	0.08	33.86328	34.65576	0.79248
V11DDH-7	5016	137.7	138.7	1	12% qtz 0.1-5 cm @25-68 degrees to ca, 2% diss & frac fill py	0.003	0.07	41.97096	42.27576	0.3048
V11DDH-7	5017	138.7	143.7	5	6% qtz 0.1-4 cm @40-50 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	0.001	0.04	42.27576	43.79976	1.524
V11DDH-7	5018	167.7	172	4.3	20% qtz 0.1-10 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	0.001	0.07	51.11496	52.4256	1.31064
V11DDH-7	5019	172	176.6	4.6	7% qtz 0.1-1 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	0.001	0.1	52.4256	53.82768	1.40208
V11DDH-7	5020	176.6	178.8	2.2	22% qtz 0.1-4 cm @10-38 degrees to ca, 1% cal, 2% chl,3% diss & frac fill py, pyo, 176.2-177.4 fault zone	0.001	0.08	53.82768	54.49824	0.67056
V11DDH-7	5021	178.8	182	3.2	3% qtz 0.1-4 cm @30-50 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	0.001	0.06	54.49824	55.4736	0.97536
V11DDH-7	5022	182	186	4	6% qtz 0.1-4 cm @30-50 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	0.001	0.05	55.4736	56.6928	1.2192
V11DDH-7	5023	206	210.5	4.5	1% qtz 0.1-1 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, 206.5-211.5 fault zone	<0.001	0.04	62.7888	64.1604	1.3716
V11DDH-7	5024	210.5	215	4.5	2% qtz 0.1-1 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	0.001	0.05	64.1604	65.532	1.3716
V11DDH-7	5025	215	218	3	3% qtz 0.1-1 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	0.001	0.1	65.532	66.4464	0.9144
V11DDH-7	5026	218	220	2	8% qtz 0.1-1 cm @40-50 degrees to ca, 1% cal, 2% chl,2% diss & frac fill py, pyo, broken ground	<0.001	0.14	66.4464	67.056	0.6096
V11DDH-7	5027	220	224.6	4.6	3% qtz 0.1-2 cm @35-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, broken ground	0.001	0.08	67.056	68.45808	1.40208
V11DDH-7	5028	224.6	229.2	4.6	4% qtz 0.1-2 cm @35-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, broken ground	0.001	0.07	68.45808	69.86016	1.40208
V11DDH-7	5029	388	393	5	9% qtz 0.1-4 cm @38-52 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo,	0.001	0.07	118.2624	119.7864	1.524
V11DDH-7	5030	393	398	5	7% qtz 0.1-1 cm @38-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	<0.001	0.06	119.7864	121.3104	1.524
V11DDH-7	5031	398	402	4	4% qtz 0.1-4 cm @35-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo,	0.001	0.06	121.3104	122.5296	1.2192
V11DDH-7	5032	402	406	4	7% qtz 0.1-1 cm @40-60 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	<0.001	0.05	122.5296	123.7488	1.2192
V11DDH-7	5033	406	409.8	3.8	8% qtz 0.1-1 cm @40-60 degrees to ca, 1% cal, 2% chl,4% diss & frac fill py, pyo,	0.001	0.06	123.7488	124.90704	1.15824
V11DDH-7	5034	409.8	415.2	5.4	2% qtz 0.1-1 cm @40-60 degrees to ca, 1% cal, 2% chl,3% diss & frac fill py, pyo,	0.001	0.24	124.90704	126.55296	1.64592
V11DDH-7	5035	415.2	417.5	2.3	12% qtz 0.1-7 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	<0.001	0.33	126.55296	127.254	0.70104
V11DDH-7	5036	417.5	421.3	3.8	5% qtz 0.1-3 cm @45-65 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	<0.001	0.14	127.254	128.41224	1.15824
V11DDH-7	5037	451	456	5	16% qtz 0.1-12 cm @45-65 degrees to ca, 4% diss & frac fill py, pyo,	<0.001	0.08	137.4648	138.9888	1.524
V11DDH-7	5038	456	460.6	4.6	7% qtz 0.1-2 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo	<0.001	0.14	138.9888	140.39088	1.40208
V11DDH-7	5039	460.6	464	3.4	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, trace-0.1% arsenopyrite	<0.001	0.08	140.39088	141.4272	1.03632
V11DDH-7	5040	464	465	1	8% qtz 0.1-3 cm @44-55 degrees to ca, 1% cal, 2% chl,2% diss & frac fill py, pyo, 0.1% arsenopyrite	0.001	0.07	141.4272	141.732	0.3048
V11DDH-7	5041	465	468	3	12% qtz 0.1-7 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, trace arsenopyrite	<0.001	0.09	141.732	142.6464	0.9144
V11DDH-7	5042	517.8	521.5	3.7	6% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,2% diss & frac fill py, pyo	0.001	0.05	157.82544	158.9532	1.12776
V11DDH-7	5043	521.5	527	5.5	5% qtz 0.1-2 cm @30-65 degrees to ca, 1% cal, 2% chl, 1% diss & frac fill py, pyo	<0.001	0.11	158.9532	160.6296	1.6764
V11DDH-7	5044	576.3	580.7	4.4	6% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.06	175.65624	176.99736	1.34112
V11DDH-7	5045	580.7	585	4.3	8% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.11	176.99736	178.308	1.31064
V11DDH-7	5046	601	605.2	4.2	3% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground	0.001	0.13	183.1848	184.46496	1.28016
V11DDH-7	5047	635.7	640.2	4.5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 639.8-640 fault zone, broken ground	0.002	0.11	193.76136	195.13296	1.3716
V11DDH-7	5048	661.7	666	4.3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.11	201.68616	202.9968	1.31064
V11DDH-7	5049	666	670.5	4.5	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.07	202.9968	204.3684	1.3716
V11DDH-7	5050	670.5	675	4.5	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.07	204.3684	205.74	1.3716
V11DDH-7	5051	675	679.7	4.7	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.07	205.74	207.17256	1.43256
V11DDH-7	5052	679.7	682.7	3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.16	207.17256	208.0869	0.9144
V11DDH-7	5053	713	718	5	8% qtz 0.1-2 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.15	217.3224	218.8464	1.524
V11DDH-7	5054	718	723	5	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.16	218.8464	220.3704	1.524
V11DDH-7	5055	723	728	5	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.15	220.3704	221.8944	1.524
V11DDH-7	5056	728	733	5	10% qtz 0.1-3 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 731.3-733 fault zone @20 degrees to core axis,	0.002	0.15	221.8944	223.4184	1.524
V11DDH-7	5057	733	738	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 736.8-741 broken ground	0.002	0.16	223.4184	224.9424	1.524
V11DDH-7	5058	738	741	4	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.19	224.9424	225.8568	1.2192
V11DDH-7	5059	741	745	4	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.15	225.8568	227.076	1.2192
V11DDH-7	5060	745	750.5	5.5	4% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.15	227.076	228.7524	1.6764
V11DDH-7	5061	750.5	756	5.5	10% qtz 0.1-4 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.12	228.7524	230.4288	1.6764
V11DDH-7	5062	756	761	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.18	230.4288	231.9528	1.524
V11DDH-7	5063	761	766.2	5.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.18	231.9528	233.53776	1.58496
V11DDH-7	5064	799	804	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.15	243.5352	245.0592	1.524
V11DDH-7	5065	804	809	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.16	245.0592	246.5832	1.524
V11DDH-7	5066	809	814	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.15	246.5832	248.1072	1.524
V11DDH-7	5067	814	819	5	4% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.12	248.1072	249.6312	1.524
V11DDH-7	5068	921.7	926.1	4.4	9% qtz 0.1-3 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.22	280.93416	282.27528	1.34112
V11DDH-7	5069	926.1	930.5	4.4	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.7	282.27528	283.6164	1.34112
V11DDH-7	5070	957.3	962	4.7	7% qtz 0.1-2 cm @35-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.1	291.78504	293.2176	1.43256
V11DDH-7	5071	1024.6	1030	5.4	8% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1024.6-1031.3 broken ground	<0.001	0.06	312.29808	313.944	1.64592
V11DDH-7	5072	1030	1034.2	4.2	3% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.05	313.944	315.22416	1.28016
V11DDH-7	5073	1034.2	1039.5	4.3	5% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.1	315.22416	316.8396	1.31064
V11DDH-7	5074	1048.5	1052	3.5	3% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1049.8-1050.3 graphitic fault zone, 8% clay	<0.001	0.14	319.5828	320.6496	1.0668
V11DDH-7	5075	1052	1055.5	3.5	4% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.16	320.6496	321.7164	1.0668
V11DDH-7	5076	1055.5	1058.5	3	6% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.1	321.7164	322.6308	0.9144
V11DDH-7	5077	1058.5	1061.8	3.3	5% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.08	322.6308	323.63664	1.00584
V11DDH-7	5078	1061.8	1065.1	3.3	6% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.08	323.63664	324.64248	1.00584
V11DDH-7	5079	1065.1	1068.5	3.4	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.04	324.64248	325.6788	1.03632
V11DDH-7	5080	1068.5	1073	4.5	12% qtz 0.1-5 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.05	325.6788	327.0504	1.3716
V11DDH-7	5081	1090.2	1096	5.8	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.09	332.29296	334.0608	1.76784
V11DDH-7	5082	1096	1101.2	5.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.05	334.0608	335.64576	1.58496
V11DDH-7	5083	1101.2	1106.5	5.3	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.06	335.64576	337.2612	1.61544
V11DDH-7	5084	1139	1143.4	4.4	4% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground	<0.001	0.08	347.1672	348.50832	1.34112
V11DDH-7	5085	1143.4	1147.8	4.4	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground	0.002	0.11	348.50832	349.84944	1.34112
V11DDH-7	5086	1147.8	1152.2	4.4	4% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground	<0.001	0.15	349.84944	351.19056	1.34112
V11DDH-7	5087	1152.2	1156.5	4.3	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1153.8-1155.2 fault zone, minor graphite, 7% clay	<0.001	0.14	351.19056	352.5012	1.31064
V11DDH-7	5088	1178.8	1183.8	5	7% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.13	359.29824	360.82224	1.524
V11DDH-7	5089	1239.2	1243	3.8	10% qtz 0.1-3 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.14	377.70816	378.8664	1.15824
V11DDH-7	5090	1243	1246.9	3.6	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	<0.001	0.08	378.8664	380.05512	1.09728
V11DDH-7	5091	1246.9	1250.5	3.6	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.11	380.05512	381.1524	1.09728
V11DDH-7	5092	1250.5	1254	3.5	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,2% diss & frac fill py, pyo, 1251.5-1253 fault zone, minor graphite	<0.001	0.17	381.1524	382.2192	1.0668
V11DDH-7	5093	1265.5	1269.3	3.8	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1265.5-1273 broken ground	0.002	0.1	385.7244	386.88264	1.15824
V11DDH-7	5094	1269.3	1273	3.7	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.11	386.88264	388.0104	1.12776
V11DDH-7	5095	1309	1311.5	2.5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1311.2-1311.5 fault zone, broken ground	0.002	0.09	398.9832	399.7452	0.762
V11DDH-7	5096	1327.5	1331	3.5	7% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.09	404.622	405.6888	1.0668
V11DDH-7	5097	1353	1358	5	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.04	412.3944	413.9184	1.524
V11DDH-7	5098	1358	1363	5	15% qtz 0.1-6 cm @40-55 degrees to ca, 4% chl,2% diss & frac fill py, pyo	0.001	0.05	413.9184	415.4424	1.524
V11DDH-7	5099	1363	1368	5	7% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.04	415.4424	416.9664	1.524
V11DDH-7	5100	1368	1373.5	5.5	7% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.04	416.9664	418.6428	1.6764
V11DDH-7	5101	1373.5	1379	5.5	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.04	418.6428	420.3192	1.6764
V11DDH-7	5102	1406.5	1411.8	5.3	8% qtz 0.1-2 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.05	428.7012	430.31664	1.61544
V11DDH-7	5103	1411.8	1417	5.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.04	430.31664	431.9016	1.58496
V11DDH-7	5104	1423.2	1428.5	5.3	8% qtz 0.1-3 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.002	0.06	433.79136	435.4068	1.61544
V11DDH-7	5105	1428.5	1433.6	5.1	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo	0.001	0.1	435.4068	436.96128	1.55448
V11DDH-7	5106	1440	1442.3	2.3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, porphrytic qtz diorite dyke/sill, @38 degrees to core axis.	0.001	0.03	438.912	439.61304	0.70104
V11DDH-7	5107	1442.3	1444.4	2.1	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.001	0.07	439.61304	440.25312	0.64008
V11DDH-7	5108	1461.2	1465	3.8	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.002	0.08	445.37376	446.532	1.15824
V11DDH-7	5109	1465	1469	4	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.001	0.06	446.532	447.7512	1.2192
V11DDH-7	5110	1479	1486.4	7.4	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.001	0.08	450.7992	453.05472	2.25552
V11DDH-7	5111	1511	1515.2	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, 1-3% staurolite	0.001	0.1	460.5528	461.83296	1.28016
V11DDH-7	5112	1515.2	1519.4	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, 1-3% staurolite	0.001	0.05	461.83296	463.11312	1.28016
V11DDH-7	5113	1519.4	1523.6	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, 1-3% staurolite	0.001	0.07	463.11312	464.39328	1.28016
V11DDH-7	5114	1546	1550.3	4.3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1547.4-1548 broken ground, 1-3% staurolite	0.001	0.06	471.2208	472.53144	1.31064
V11DDH-7	5115	1550.3	1554.6	4.3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1550-1555.5 broken ground, 1-3% staurolite	0.001	0.14	472.53144	473.84208	1.31064
V11DDH-7	5116	1577.6	1583	5.6	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.001	0.09	480.85248	482.4984	1.70688
V11DDH-7	5117	1588	1590.7	2.7	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.001	0.06	484.0224	484.84536	0.82296
V11DDH-7	5118	1590.7	1595.2	4.5	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.001	0.05	484.84536	486.21696	1.3716
V11DDH-7	5119	1595.2	1599.8	4.6	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.002	0.06	486.21696	487.61904	1.40208
V11DDH-7	5120	1599.8	1604	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.001	0.05	487.61904	488.8992	1.28016
V11DDH-7	5121	1604	1608.2	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.008	0.07	488.8992	490.17936	1.28016
V11DDH-7	5122	1612.5	1615.2	2.7	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.002	0.04	491.49	492.31296	0.82296
V11DDH-7	5123	1615.2	1618	2.8	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite	0.002	0.05	492.31296	493.1664	0.85344
V11DDH-7	5124	1618	1623.4	5.4	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite	0.009	0.07	493.1664	494.81232	1.64592
	5125	1623.4	1628.7	5.3	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite	0.003	0.03	494.81232	496.42776	1.61544
	5126	1628.7	1631	2.3	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite	0.002	0.02	496.42776	497.1288	0.70104
	5127	1631	1636	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite	0.002	0.04	497.1288	498.6528	1.524
	5128	1636	1641	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite	0.003	0.02	498.6528	500.1768	1.524
	5129	1641	1646	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite	0.009	0.04	500.1768	501.7008	1.524
	5130	1646	1651.2	5.2	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite	0.005	0.03	501.7008	503.28576	1.58496

APPENDIX E- **V11DDH-8 DRILL HOLE SAMPLE RECORD, Oct-Nov, 2011**

DDH No	Sample No	FROM ft	TO ft	WIDTH ft	Description	Au ppm	Ag ppm	FROM m	TO m	WIDTH m
V11DDH-8	5131	57.8	61.3	3.5	5% qtz 0.1-1.5 cm @40-60 degrees to ca, 1% diss & frac fill py, trace limonite, broken ground	0.0008	0.07	17.61744	18.68424	1.0668
V11DDH-8	5132	61.3	65.8	4.5	9% qtz 0.1-1.5 cm @30-60 degrees to ca, 1% diss & frac fill py, trace limonite, broken ground	0.0016	0.12	18.68424	20.05584	1.3716
V11DDH-8	5133	85.9	93	7.1	2% qtz 0.1-1 cm @20-38 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, fault zone	<0.0001	0.14	26.18232	28.3464	2.16408
V11DDH-8	5134	93	97	4	2% qtz 0.1-1 cm @20-38 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, fault zone	0.0001	0.06	28.3464	29.5656	1.2192
V11DDH-8	5135	97	101	4	4% qtz 0.1-1.5 cm @20-38 degrees to ca, 3% chl,1% diss & frac fill py, pyo, broken ground, fault zone	0.0004	0.06	29.5656	30.7848	1.2192
V11DDH-8	5136	101	104	3	6% qtz 0.1-2 cm @35-55 degrees to ca, 1% diss & frac fill py	0.0004	0.05	30.7848	31.6992	0.9144
V11DDH-8	5137	104	109	5	12% qtz 0.1-2 cm @35-55 degrees to ca, 1% diss & frac fill py	0.0008	0.04	31.6992	33.2232	1.524
V11DDH-8	5138	109	113	4	5% qtz 0.1-1.5 cm @30-48 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground	0.0001	0.05	33.2232	34.4424	1.2192
V11DDH-8	5139	113	116.8	3.8	5% qtz 0.1-1.5 cm @30-48 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground	0.0001	0.05	34.4424	35.60064	1.15824
V11DDH-8	5140	139.3	142.7	3.4	8% qtz 0.1-1.5 cm @50-66 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground	0.0011	0.07	42.45864	43.49496	1.03632
V11DDH-8	5141	142.7	146.1	3.4	8% qtz 0.1-1.5 cm @45-70 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground	0.0006	0.07	43.49496	44.53128	1.03632
V11DDH-8	5142	146.1	149.7	3.6	4% qtz 0.1-1 cm @45-70 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground	0.0005	0.1	44.53128	45.62856	1.09728
V11DDH-8	5143	176.5	182.5	6	1% qtz 0.1-0.2 cm @20-38 degrees to ca, 3% chl,1% diss & frac fill py, pyo, broken ground, fault zone	0.0006	0.11	53.7972	55.626	1.8288
V11DDH-8	5144	363.5	366	2.5	55% qtz 0.1-46 cm @35-40 degrees to ca, 2% chl, 1% diss & frac fill py	0.0001	0.03	110.7948	111.5568	0.762
V11DDH-8	5145	375.8	378.4	2.6	8% qtz 0.1-3 cm @42-50 degrees to ca, 2% chl, 1% diss & frac fill py	0.001	0.09	114.54384	115.33632	0.79248
V11DDH-8	5146	386.3	389.6	3.3	3% qtz 0.1-1.5 cm @42-50 degrees to ca, 2% chl, 1% diss & frac fill py	0.0024	0.11	117.74424	118.75008	1.00584
V11DDH-8	5147	389.6	393	3.4	2% qtz 0.1-1 cm @42-50 degrees to ca, 2% chl, 1% diss & frac fill py	0.0009	0.12	118.75008	119.7864	1.03632
V11DDH-8	5148	417.3	422.4	5.1	35% qtz 0.1-38 cm @5-40 degrees to ca, 1% chl, 1% diss & frac fill py	0.0001	1.04	127.19304	128.74752	1.55448
V11DDH-8	5149	422.4	427.5	5.1	5% qtz 0.1-4.5 cm @30-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.11	128.74752	130.302	1.55448
V11DDH-8	5150	438.2	444.3	6.1	7% qtz 0.1-7 cm @30-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0002	0.07	133.56336	135.42264	1.85928
V11DDH-8	5151	444.3	450.5	6.2	6% qtz 0.1-1.5 cm @30-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0007	0.06	135.42264	137.3124	1.88976
V11DDH-8	5152	459.5	461.5	2	8% qtz 0.1-2 cm @30-50 degrees to ca, 2% chl, 1% diss & frac fill py	0.001	0.13	140.0556	140.6652	0.6096
V11DDH-8	5153	464.3	468.8	4.5	7% qtz 0.1-2 cm @40-60 degrees to ca, 2% chl, 1% diss & frac fill py	0.0006	0.08	141.51864	142.89024	1.3716
V11DDH-8	5154	477.2	483.8	6.6	3% qtz 0.1-0.5 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0006	0.11	145.45056	147.46224	2.01168
V11DDH-8	5155	516.8	522.4	5.6	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0008	0.04	157.52064	159.22752	1.70688
V11DDH-8	5156	522.4	528	5.6	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0037	0.08	159.22752	160.9344	1.70688
V11DDH-8	5157	528	533	5	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0021	0.05	160.9344	162.4584	1.524
V11DDH-8	5158	533	538	5	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0019	0.05	162.4584	163.9824	1.524
V11DDH-8	5159	538	544.8	6.8	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0009	0.06	163.9824	166.05504	2.07264
V11DDH-8	5160	544.8	551.7	6.9	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0052	0.06	166.05504	168.15816	2.10312
V11DDH-8	5161	592	597	5	13% qtz 0.1-2 cm @50-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0008	0.05	180.4416	181.9656	1.524
V11DDH-8	5162	597	602.2	5.2	3% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py	0.0008	0.05	181.9656	183.55056	1.58496
V11DDH-8	5163	609.7	613	3.3	15% qtz 0.1-8 cm @45-68 degrees to ca, 3% chl, 1% diss & frac fill py	0.0011	0.06	185.83656	186.8424	1.00584
V11DDH-8	5164	699	701	2	7% qtz 0.1-2 cm @45-55 degrees to ca, 2% chl, 1% diss & frac fill py	0.0005	0.07	213.0552	213.6648	0.6096
V11DDH-8	5165	726.5	731.6	5.1	12% qtz 0.1-10 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py	0.0009	0.05	221.4372	222.99168	1.55448
V11DDH-8	5166	736.3	741.8	5.5	7% qtz 0.1-10 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py	0.0012	0.08	224.42424	226.10064	1.6764
V11DDH-8	5167	762.5	765.2	2.7	7% qtz 0.1-10 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py	0.0011	0.12	232.41	233.23296	0.82296
V11DDH-8	5168	765.2	769.8	4.6	4% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py	0.0008	0.06	233.23296	234.63504	1.40208
V11DDH-8	5169	769.8	774.4	4.6	3% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py	0.0008	0.06	234.63504	236.03712	1.40208
V11DDH-8	5170	774.4	778	3.6	10% qtz 0.1-10 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py	0.0005	0.05	236.03712	237.1344	1.09728
V11DDH-8	5171	792.5	793.5	1	6% qtz 0.1-3 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py	0.0008	0.17	241.554	241.8588	0.3048
V11DDH-8	5172	793.5	797.5	4	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py	0.0006	0.13	241.8588	243.078	1.2192
V11DDH-8	5173	797.5	799.7	2.2	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py	0.0008	0.12	243.078	243.74856	0.67056
V11DDH-8	5174	799.7	806	6.3	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py	0.001	0.11	243.74856	245.6688	1.92024
V11DDH-8	5175	806	811	5	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground	0.0004	0.11	245.6688	247.1928	1.524
V11DDH-8	5176	811	816	5	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground	0.0005	0.09	247.1928	248.7168	1.524
V11DDH-8	5177	975.4	977.8	2.4	5% qtz 0.1-1 cm @25-45 degrees to ca, 2% chl, 1% diss & frac fill py, 977.8-983.6 qtz diorite dyke-sill	0.0006	0.12	297.30192	298.03344	0.73152
V11DDH-8	5178	983.6	988	4.4	3% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py, 988-1003.1 qtz diorite dyke-sill	0.0004	0.12	299.80128	301.1424	1.34112
V11DDH-8	5179	1003.1	1009	5.9	3% qtz 0.1-1 cm @40-55 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.16	305.74488	307.5432	1.79832
V11DDH-8	5180	1130	1135	5	3% qtz 0.1-2 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground	0.0007	0.09	344.424	345.948	1.524
V11DDH-8	5181	1135	1139.7	4.7	8% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py	0.0007	0.07	345.948	347.38056	1.43256
V11DDH-8	5182	1139.7	1144.5	4.8	8% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py	0.0006	0.06	347.38056	348.8436	1.46304
V11DDH-8	5183	1144.5	1148	3.5	8% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py	0.0011	0.05	348.8436	349.9104	1.0668
V11DDH-8	5184	1148	1151.6	3.6	12% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py	0.001	0.05	349.9104	351.00768	1.09728
V11DDH-8	5185	1151.6	1154.4	2.8	22% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 2% diss & frac fill py	0.0006	0.04	351.00768	351.86112	0.85344
V11DDH-8	5186	1154.4	1158	3.6	6% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py	0.0008	0.08	351.86112	352.9584	1.09728
V11DDH-8	5187	1158	1163	5	5% qtz 0.1-1 cm @45-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0005	0.04	352.9584	354.4824	1.524
V11DDH-8	5188	1163	1168	5	6% qtz 0.1-1 cm @45-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0006	0.09	354.4824	356.0064	1.524
V11DDH-8	5189	1168	1173	5	4% qtz 0.1-1 cm @45-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.001	0.06	356.0064	357.5304	1.524
V11DDH-8	5190	1173	1178	5	6% qtz 0.1-1.5 cm @45-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0008	0.07	357.5304	359.0544	1.524
V11DDH-8	5191	1178	1183	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0008	0.1	359.0544	360.5784	1.524
V11DDH-8	5192	1183	1188	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0005	0.11	360.5784	362.1024	1.524
V11DDH-8	5193	1188	1193.7	5.7	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0006	0.05	362.1024	363.83976	1.73736
V11DDH-8	5194	1203	1206	3	8% qtz 0.1-2 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0007	0.12	366.6744	367.5888	0.9144
V11DDH-8	5195	1206	1210	4	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.09	367.5888	368.808	1.2192
V11DDH-8	5196	1210	1214.6	4.6	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0005	0.05	368.808	370.21008	1.40208
V11DDH-8	5197	1214.6	1217.8	3.2	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0005	0.05	370.21008	371.18544	0.97536
V11DDH-8	5198	1223.7	1227.4	3.7	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0008	0.05	372.98376	374.11152	1.12776
V11DDH-8	5199	1238.5	1245.5	7	5% qtz 0.1-2 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground	0.0003	0.08	377.4948	379.6284	2.1336
V11DDH-8	5200	1257.3	1262.7	5.4	6% qtz 0.1-2 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground	0.0004	0.06	383.22504	384.87096	1.64592
V11DDH-8	5201	1262.7	1268	5.3	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.05	384.87096	386.4864	1.61544
V11DDH-8	5202	1268	1273	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.06	386.4864	388.0104	1.524
V11DDH-8	5203	1273	1278	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0002	0.09	388.0104	389.5344	1.524
V11DDH-8	5204	1278	1283	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0006	0.08	389.5344	391.0584	1.524
V11DDH-8	5205	1283	1288	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0005	0.05	391.0584	392.5824	1.524
V11DDH-8	5206	1288	1292	4	12% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.06	392.5824	393.8016	1.2192
V11DDH-8	5207	1292	1296	4	5% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0005	0.07	393.8016	395.0208	1.2192
V11DDH-8	5208	1296	1300	4	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0006	0.05	395.0208	396.24	1.2192
V11DDH-8	5209	1300	1304.5	4.5	6% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.08	396.24	397.6116	1.3716
V11DDH-8	5210	1310.4	1315	4.6	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground	0.0003	0.07	399.40992	400.812	1.40208
V11DDH-8	5211	1315	1318.8	3.8	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground	0.0003	0.07	400.812	401.97024	1.15824
V11DDH-8	5212	1318.8	1323.5	4.7	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground	0.0001	0.09	401.97024	403.4028	1.43256
V11DDH-8	5213	1323.5	1328.3	4.8	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground	0.0002	0.12	403.4028	404.86584	1.46304
V11DDH-8	5214	1440	1444	4	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0008	0.09	438.912	440.1312	1.2192
V11DDH-8	5215	1444	1448	7	5% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0006	0.07	440.1312	441.3504	2.1336
V11DDH-8	5216	1448	1455	5	4% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground, fault zone	0.0001	0.13	441.3504	443.484	1.524
V11DDH-8	5217	1455	1460	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0001	0.09	443.484	445.008	1.524
V11DDH-8	5218	1460	1465	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0006	0.06	445.008	446.532	1.524
V11DDH-8	5219	1465	1470	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.08	446.532	448.056	1.524
V11DDH-8	5220	1470	1475	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py	0.0005	0.09	448.056	449.58	1.524
V11DDH-8	5221	1534	1539	5	9% qtz 0.1-5 cm @15-66 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.06	467.5632	469.0872	1.524
V11DDH-8	5222	1539	1544.8	4.8	4% qtz 0.1-2 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.08	469.0872	467.80704	1.46304
V11DDH-8	5223	1544.8	1548.5	4.7	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.06	467.80704	471.9828	1.43256
V11DDH-8	5224	1548.5	1553.6	5.1	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.05	471.9828	473.53728	1.55448
V11DDH-8	5225	1553.6	1558.8	5.2	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.04	473.53728	475.12224	1.58496
V11DDH-8	5226	1558.8	1564.5	5.7	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.04	475.12224	476.8596	1.73736
V11DDH-8	5227	1564.5	1569.5	5	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0008	0.07	476.8596	478.3836	1.524
V11DDH-8	5228	1569.5	1575.5	6	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.04	478.3836	480.2124	1.8288
V11DDH-8	5229	1617	1622.2	5.2	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0001	0.04	492.8616	494.44656	1.58496
V11DDH-8	5230	1622.2	1627.5	5.3	7% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.07	494.44656	496.062	1.61544
V11DDH-8	5231	1627.5	1632.8	5.3	5% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.11	496.062	497.67744	1.61544
V11DDH-8	5232	1632.8	1638	5.2	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.05	497.67744	499.2624	1.58496
V11DDH-8	5233	1638	1642.8	4.8	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0001	0.09	499.2624	500.72544	1.46304
V11DDH-8	5234	1642.8	1647.5	4.7	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0001	0.13	500.72544	502.158	1.43256
V11DDH-8	5235	1647.5	1652.3	4.8	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0002	0.11	502.158	503.62104	1.46304
V11DDH-8	5236	1652.3	1657	4.7	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0001	0.12	503.62104	505.0536	1.43256
V11DDH-8	5237	1657	1661.5	4.5	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0002	0.84	505.0536	506.4252	1.3716
V11DDH-8	5238	1661.5	1666	4.5	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0001	0.16	506.4252	507.7968	1.3716
V11DDH-8	5239	1666	1670.5	4.5	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0002	0.1	507.7968	509.1684	1.3716
V11DDH-8	5240	1670.5	1675.1	4.6	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.13	509.1684	510.57048	1.40208
V11DDH-8	5241	1675.1	1679.7	4.6	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0001	0.14	510.57048	511.97256	1.40208
V11DDH-8	5242	1679.7	1684.3	4.6	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0004	0.07	511.97256	513.37464	1.40208
V11DDH-8	5243	1684.3	1688.8	4.5	9% qtz 0.1-3 cm @55-70 degrees to ca, 1% chl, 2% diss & frac fill py	0.0003	0.08	513.37464	514.74624	1.3716
V11DDH-8	5244	1688.8	1692.8	4	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0002	0.08	514.74624	515.96544	1.2192
V11DDH-8	5245	1692.8	1699	6.2	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0001	0.17	515.96544	517.8552	1.88976
V11DDH-8	5246	1699	1703.6	4.6	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	0.0003	0.14	517.8552	519.25728	1.40208
V11DDH-8	5247	1703.6	1708	4.4	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py	<0.0001	0.09	519.25728	520.5984	1.34112

APPENDIX E- **V11DDH-9 DRILL HOLE SAMPLE RECORD, Oct-Nov, 2011**

DDH No	Sample No	FROM ft	TO ft	WIDTH ft	Description	Au ppm	Ag ppm	FROM m	TO m	WIDTH m
V11DDH-9	5248	29.5	34.5	5	4% qtz 0.1-1.5 cm @50-70 degrees to ca, 1% diss & frac fill py, trace limonite	0.0002	0.08	8.9916	10.5156	1.524
V11DDH-9	5249	34.5	37.5	3	4% qtz 0.1-1.5 cm @50-65 degrees to ca, 2% diss & frac fill py, trace limonite, broken ground	0.0001	0.09	10.5156	11.43	0.9144
V11DDH-9	5250	37.5	39	1.5	8% qtz 0.1-4.5 cm @50-60 degrees to ca, 2% diss & frac fill py, trace limonite, broken ground	0.0002	0.22	11.43	11.8872	0.4572
V11DDH-9	5251	58	63	5	6% qtz 0.1-1 cm @45-55 degrees to ca, 1% diss & frac fill py	0.0001	0.06	17.6784	19.2024	1.524
V11DDH-9	5252	63	67.9	4.9	9% qtz 0.1-3 cm @45-55 degrees to ca, 1% diss & frac fill py	<0.0001	0.06	19.2024	20.69592	1.49352
V11DDH-9	5253	67.9	72.8	4.9	4% qtz 0.1-1 cm @45-55 degrees to ca, 1% diss & frac fill py	0.0001	0.08	20.69592	22.18944	1.49352
V11DDH-9	5254	72.8	77.7	4.9	5% qtz 0.1-1 cm @45-55 degrees to ca, 1% diss & frac fill py	<0.0001	0.06	22.18944	23.68296	1.49352
V11DDH-9	5255	77.7	82.5	4.8	4% qtz 0.1-1 cm @45-55 degrees to ca, 1% diss & frac fill py	0.0001	0.07	23.68296	25.146	1.46304
V11DDH-9	5256	123	128	5	3% qtz 0.1-0.5 cm @45-65 degrees to ca, 1% diss & frac fill py	<0.0001	0.06	37.4904	39.0144	1.524
V11DDH-9	5257	139	144.7	5.7	3% qtz 0.1-0.5 cm @45-60 degrees to ca, 1% chl,1% diss & frac fill py	<0.0001	0.17	42.3672	44.10456	1.73736
V11DDH-9	5258	164.2	166	1.8	12% qtz 0.1-4 cm @45-65 degrees to ca, 1% diss & frac fill py	0.0001	0.11	50.04816	50.5968	0.54864
V11DDH-9	5259	176.3	179.3	3	10% qtz 0.1-8 cm @50-65 degrees to ca, 1% diss & frac fill py	0.0001	0.11	53.73624	54.65064	0.9144
V11DDH-9	5260	179.3	182.8	3.5	2% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py	<0.0001	0.12	54.65064	55.71744	1.0668
V11DDH-9	5261	202.5	209.4	6.9	3% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py	<0.0001	0.14	61.722	63.82512	2.10312
V11DDH-9	5262	225	228	3	5% qtz 0.1-4 cm @40-65 degrees to ca, 1% diss & frac fill py	0.0002	0.16	68.58	69.4944	0.9144
V11DDH-9	5263	253	258.3	5.3	12% qtz 0.1-5 cm @25-68 degrees to ca, 2% diss & frac fill py	0.0001	0.14	77.1144	78.72984	1.61544
V11DDH-9	5264	258.3	261.8	3.5	4% qtz 0.1-0.5 cm @25-68 degrees to ca, 2% diss & frac fill py	<0.0001	0.11	78.72984	79.79664	1.0668
V11DDH-9	5265	261.8	263.3	1.5	16% qtz 0.1-8 cm @25-68 degrees to ca, 2% diss & frac fill py	<0.0001	0.11	79.79664	80.25384	0.4572
V11DDH-9	5266	278	282.8	4.8	4% qtz 0.1-0.5 cm @45-68 degrees to ca, 1% diss & frac fill py	<0.0001	0.11	84.7344	86.19744	1.46304
V11DDH-9	5267	286.3	291.6	5.3	5% qtz 0.1-0.5 cm @45-68 degrees to ca, 1% diss & frac fill py	0.0001	0.12	87.26424	88.87968	1.61544
V11DDH-9	5268	291.6	296.9	5.3	3% qtz 0.1-0.5 cm @25-68 degrees to ca, 1% diss & frac fill py	<0.0001	0.08	88.87968	90.49512	1.61544
V11DDH-9	5269	296.9	302.2	5.3	3% qtz 0.1-0.5 cm @45-68 degrees to ca, 2% diss & frac fill py	0.0004	0.06	90.49512	92.11056	1.61544
V11DDH-9	5270	302.2	309	6.8	4% qtz 0.1-1.5 cm @50-60 degrees to ca, 1% diss & frac fill py, broken ground, fault zone, 1% clay	0.0005	0.06	92.11056	94.1832	2.07264
V11DDH-9	5271	309	315	6	4% qtz 0.1-1.5 cm @50-60 degrees to ca, 1% diss & frac fill py, broken ground, fault zone, 1% clay	0.0004	0.06	94.1832	96.012	1.8288
V11DDH-9	5272	324.2	328.8	4.6	3% qtz 0.1-0.5 cm @28-68 degrees to ca, 1% diss & frac fill py	0.0005	0.04	98.81616	100.21824	1.40208
V11DDH-9	5273	328.8	333.4	4.6	5% qtz 0.1-0.5 cm @28-68 degrees to ca, 1% diss & frac fill py	0.0009	0.06	100.21824	101.62032	1.40208
V11DDH-9	5274	333.4	338	4.6	7% qtz 0.1-2.5 cm @28-68 degrees to ca, 1% diss & frac fill py	0.0014	0.07	101.62032	103.0224	1.40208
V11DDH-9	5275	338	342.5	4.5	8% qtz 0.1-2.5 cm @28-68 degrees to ca, 1% diss & frac fill py	0.0008	0.05	103.0224	104.394	1.3716
V11DDH-9	5276	370.1	376	5.9	8% qtz 0.1-1.5 cm @40-60 degrees to ca, 1% diss & frac fill py, broken ground, fault zone, 0.1% clay	0.0009	0.05	112.80648	114.6048	1.79832
V11DDH-9	5277	387	393	6	8% qtz 0.1-1.5 cm @48-65 degrees to ca, 1% diss & frac fill py, broken ground, fault zone, 0.1% clay	0.0002	0.08	117.9576	119.7864	1.8288
V11DDH-9	5278	393	396.8	3.8	5% qtz 0.1-0.5 cm @45-68 degrees to ca, 1% diss & frac fill py	0.0001	0.09	119.7864	120.94464	1.15824
V11DDH-9	5279	412.5	418	5.5	3% qtz 0.1-0.5 cm @48-68 degrees to ca, 1% diss & frac fill py	<0.0001	0.13	125.73	127.4064	1.6764
V11DDH-9	5280	418	422.7	4.7	3% qtz 0.1-0.5 cm @50-68 degrees to ca, 2% diss & frac fill py	<0.0001	0.1	127.4064	128.83896	1.43256
V11DDH-9	5281	422.7	427.5	4.8	12% qtz 0.1-8 cm @48-68 degrees to ca, 2% diss & frac fill py, pyo	0.0001	0.11	128.83896	130.302	1.46304
V11DDH-9	5282	456	463.5	7.5	5% qtz 0.1-0.5 cm @50-68 degrees to ca, 1% diss & frac fill py	0.0004	0.06	138.9888	141.2748	2.286
V11DDH-9	5283	463.5	467	3.5	10% qtz 0.1-5.5 cm @48-68 degrees to ca, 1% diss & frac fill py	0.0028	0.06	141.2748	142.3416	1.0668
V11DDH-9	5284	469.5	473.2	3.7	7% qtz 0.1-2.5 cm @50-68 degrees to ca, 1% diss & frac fill py	0.0009	0.06	143.1036	144.23136	1.12776
V11DDH-9	5285	490	492.2	2.2	12% qtz 0.1-3.5 cm @48-68 degrees to ca, 2% diss & frac fill py	0.0005	0.31	149.352	150.02256	0.67056
V11DDH-9	5286	546.3	549	2.7	5% qtz 0.1-0.5 cm @50-68 degrees to ca, 1% diss & frac fill py	0.0008	0.15	166.51224	167.3352	0.82296
V11DDH-9	5287	562.5	566	3.5	4% qtz 0.1-1.5 cm @58-68 degrees to ca, 1% diss & frac fill py	0.0154	0.1	171.45	172.5168	1.0668
V11DDH-9	5288	566	568	2	7% qtz 0.1-1.5 cm @58-68 degrees to ca, 1% diss & frac fill py	0.0014	0.08	172.5168	173.1264	0.6096
V11DDH-9	5289	568	572.5	4.5	4% qtz 0.1-1.5 cm @58-68 degrees to ca, 1% cal, 1% diss & frac fill py, pyo	0.0241	0.06	173.1264	174.498	1.3716
V11DDH-9	5290	659.5	661.8	2.3	4% qtz 0.1-1.5 cm @58-68 degrees to ca, 1% cal, 1% diss & frac fill py, pyo	0.001	0.03	201.0156	201.71664	0.70104
V11DDH-9	5291	673	678	5	4% qtz 0.1-1.5 cm @58-68 degrees to ca, 1% cal, 1% diss & frac fill py, pyo	0.0467	0.05	205.1304	206.6544	1.524

APPENDIX F- **V11DDH-7 (Part A) GEOLOGICAL DRILL HOLE LOG, Oct-Nov, 2011**

DDH No	FROM ft	TO ft	WIDTH ft	Lithology	% Chlorite	% Carbonate	% Qtz vns	% sulphide	RQD (% >10 cm)	Recovery	Sample No	FROM ft	TO ft	WIDTH ft	Description
V11DDH-7	10	15	5	2	1	1	1	1	33	75					10-21 gneiss, grey colour (metasandstone)
V11DDH-7	15	20	5	2	1	1	1	1	68	88					21-31 schist, grey-black colour (metapelite), 25.1-28.2 broken ground
V11DDH-7	20	25	5	1 + 2	2	2	15	1	62	92	5001	21	26	5	15% qtz 0.1-2.5 cm @40-70 degrees to ca, 1% diss & frac fill py, trace limonite
V11DDH-7	25	30	5	1	2	1	12	1	36	94	5002	26	31	5	12% qtz 0.1-1.5 cm @40-70 degrees to ca, 1% diss & frac fill py, trace limonite
V11DDH-7	30	35	5	1 + 2	1	1	10	1	83	97	5003	49.4	54.6	5.2	10% qtz 0.1-1.5 cm @5-38 degrees to ca, 0.1% cal, 5% chl,1% diss & frac fill py, pyo
V11DDH-7	35	40	5	2	1	1	1	1	90	99					31-49.4 gneiss, grey colour (metasandstone)
V11DDH-7	40	45	5	2	1	1	1	1	92	100					
V11DDH-7	45	50	5	1 + 2	1	1	1	1	89	100					
V11DDH-7	50	55	5	1	2	1	10	1	82	100	5003	49.4	54.6	5.2	10% qtz 0.1-1.5 cm @5-38 degrees to ca, 0.1% cal, 5% chl,1% diss & frac fill py, pyo
V11DDH-7	55	60	5	1	2	1	10	1	45	100	5004	54.6	57.9	3.3	10% qtz 0.1-1 cm @30-45 degrees to ca, 1% diss & frac fill py
V11DDH-7	60	65	5	1	1	1	8	1	80	100	5005	57.9	61.2	3.3	8% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py
V11DDH-7	65	70	5	1	2	1	10	1	93	100					49.4-94 schist, grey-black colour (metapelite)
V11DDH-7	70	75	5	1	3	1	10	1	88	100	5006	74	79.5	5.5	10% qtz 0.1-2 cm @45-65 degrees to ca, 1% diss & frac fill py
V11DDH-7	75	80	5	1	3	2	12	1	89	100	5007	79.5	81.6	2.1	15% qtz 0.1-2 cm @45-65 degrees to ca, 1% diss & frac fill py
V11DDH-7	80	85	5	1	1	1	10	2	92	100	5008	81.6	84.9	3.3	8% qtz 0.1-1 cm @45-65 degrees to ca, 2% diss & frac fill py
V11DDH-7	85	90	5	1	2	1	8	2	96	100	5009	84.9	89	4.1	15% qtz 0.1-3 cm @45-65 degrees to ca, 2% diss & frac fill py
V11DDH-7	90	95	5	1 + 2	1	1	5	2	75	99	5010	89	94	5	12% qtz 0.1-2 cm @30-60 degrees to ca, 2% cal, 4% chl,1% diss & frac fill py, pyo
V11DDH-7	95	100	5	2	1	1	7	1	43	93	5011	94	99	5	3% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py, 98-102.1 broken ground
V11DDH-7	100	105	5	2	1	1	3	1	40	91	5012	99	103.2	4.2	3% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py, 10% core loss, fault zone, 1% clay, broken ground
V11DDH-7	105	110	5	1 + 2	1	1	6	1	61	97	5013	103.2	109	5.8	2% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py, 103.5-104 & 107.8-108.4 fault zone, broken ground
V11DDH-7	110	115	5	2 + 2	1	1	8	2	78	98	5014	109	111.1	2.1	20% qtz 0.1-8 cm @45-65 degrees to ca, 2% diss & frac fill py, 110.2-113.7 fault zone, broken ground
V11DDH-7	115	120	5	2	1	1	1	1	60	95	5015	111.1	113.7	2.6	4% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py, broken ground
V11DDH-7	120	125	5	2	1	1	1	1	100	100					94-109 gneiss, grey colour (metasandstone)
V11DDH-7	125	130	5	2	1	1	1	1	88	99					109-111.1 schist, grey-black colour (metapelite)
V11DDH-7	130	135	5	2	1	1	1	1	55	98					111.1-172 gneiss, grey colour (metasandstone)
V11DDH-7	135	140	5	2	1	1	7	2	62	97	5016	137.7	138.7	1	12% qtz 0.1-5 cm @25-68 degrees to ca, 2% diss & frac fill py
V11DDH-7	140	145	5	2	1	1	4	2	100	100	5017	138.7	143.7	5	6% qtz 0.1-4 cm @40-50 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	145	150	5	2	1	1	1	1	98	100					
V11DDH-7	150	155	5	2	1	1	1	1	96	100					
V11DDH-7	155	160	5	2	1	1	1	1	100	100					
V11DDH-7	160	165	5	2	1	1	1	1	100	100					172-182 schist, grey-black colour (metapelite)
V11DDH-7	165	170	5	2	2	1	8	1	94	99	5018	167.7	172	4.3	20% qtz 0.1-10 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	170	175	5	1 + 2	2	1	6	1	88	99	5019	172	176.6	4.6	7% qtz 0.1-1 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	175	180	5	1	2	2	12	2	89	98	5020	176.6	178.8	2.2	22% qtz 0.1-4 cm @10-38 degrees to ca, 1% cal, 2% chl,3% diss & frac fill py, pyo, 176.2-177.4 fault zone, 10% core loss, tr graphite, broken ground
V11DDH-7	180	185	5	1 + 2	1	1	2	1	98	100	5021	178.8	182	3.2	3% qtz 0.1-4 cm @30-50 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	185	190	5	2	1	1	4	1	100	100	5022	182	186	4	6% qtz 0.1-4 cm @30-50 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	190	195	5	2	1	1	1	1	100	100					182-218 gneiss, grey colour (metasandstone)
V11DDH-7	195	200	5	2	1	1	1	1	97	99					
V11DDH-7	200	205	5	2	1	1	1	1	80	98					218-222 schist, grey-black colour (metapelite)
V11DDH-7	205	210	5	2	2	1	1	1	72	91	5023	206	210.5	4.5	1% qtz 0.1-1 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, 206.5-211.5 fault zone, 10% core loss, 0.1% clay, broken ground
V11DDH-7	210	215	5	2	2	1	2	1	66	93	5024	210.5	215	4.5	2% qtz 0.1-1 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	215	220	5	1 + 2	2	1	3	1	82	100	5025	215	218	3	3% qtz 0.1-1 cm @40-58 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	220	225	5	1 + 2	2	1	4	2	65	98	5026	218	220	2	8% qtz 0.1-1 cm @40-50 degrees to ca, 1% cal, 2% chl,2% diss & frac fill py, pyo, broken ground
V11DDH-7	225	230	5	2	2	1	4	1	74	99	5027	220	224.6	4.6	3% qtz 0.1-2 cm @35-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-7	230	235	5	2	2	1	1	1	68	98	5028	224.6	229.2	4.6	4% qtz 0.1-2 cm @35-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-7	235	240	5	2	1	1	1	1	98	100					222-334.9 gneiss, grey colour (metasandstone)
V11DDH-7	240	245	5	2	1	1	1	1	97	100					
V11DDH-7	245	250	5	2	1	1	1	1	100	100					
V11DDH-7	250	255	5	2	1	1	1	1	100	100					
V11DDH-7	255	260	5	2	1	1	1	1	96	100					
V11DDH-7	260	265	5	2	1	1	1	1	100	100					
V11DDH-7	265	270	5	2	1	1	1	1	100	100					
V11DDH-7	270	275	5	2	1	1	1	1	100	100					
V11DDH-7	275	280	5	2	1	1	1	1	100	100					
V11DDH-7	280	285	5	2	1	1	1	1	100	100					
V11DDH-7	285	290	5	2	1	1	1	1	100	100					
V11DDH-7	290	295	5	2	1	1	1	1	100	100					
V11DDH-7	295	300	5	2	1	1	1	1	100	100					
V11DDH-7	300	305	5	2	1	1	1	1	92	99					
V11DDH-7	305	310	5	2	1	1	1	1	100	100					
V11DDH-7	310	315	5	2	1	1	1	1	100	100					
V11DDH-7	315	320	5	2	1	1	1	1	100	100					
V11DDH-7	320	325	5	2	1	1	1	1	100	100					
V11DDH-7	325	330	5	2	1	1	1	1	100	100					
V11DDH-7	330	335	5	1 + 2	1	1	1	1	100	100					334.9-341.3 schist, grey-black colour (metapelite)
V11DDH-7	335	340	5	2	1	1	1	1	94	100					
V11DDH-7	340	345	5	2	1	1	1	1	100	100					341.3-402 gneiss, grey colour (metasandstone)
V11DDH-7	345	350	5	2	1	1	1	1	100	100					
V11DDH-7	350	355	5	2	1	1	1	1	100	100					
V11DDH-7	355	360	5	2	1	1	1	1	100	100					
V11DDH-7	360	365	5	2	1	1	1	1	100	100					
V11DDH-7	365	370	5	2	1	1	1	1	100	100					
V11DDH-7	370	375	5	2	1	1	1	1	93	100					
V11DDH-7	375	380	5	2	1	1	1	1	96	100					
V11DDH-7	380	385	5	2	1	1	1	1	100	100					402-421.3 schist (graphitic), grey-black colour (metapelite)
V11DDH-7	385	390	5	2	1	1	4	1	100	100	5029	388	393	5	9% qtz 0.1-4 cm @38-52 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo,
V11DDH-7	390	395	5	2	1	1	8	1	96	100	5030	393	398	5	7% qtz 0.1-1 cm @38-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	395	400	5	2	1	1	6	1	100	100	5031	398	402	4	4% qtz 0.1-4 cm @35-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo,
V11DDH-7	400	405	5	1 + 2	1	1	6	1	100	100	5032	402	406	4	7% qtz 0.1-1 cm @40-60 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	405	410	5	1	1	1	7	1	100	100	5033	406	409.8	3.8	8% qtz 0.1-1 cm @40-60 degrees to ca, 1% cal, 2% chl,4% diss & frac fill py, pyo,
V11DDH-7	410	415	5	1	1	1	5	2	91	99	5034	409.8	415.2	5.4	2% qtz 0.1-1 cm @40-60 degrees to ca, 1% cal, 2% chl,3% diss & frac fill py, pyo,
V11DDH-7	415	420	5	1	2	1	5	2	96	100	5035	415.2	417.5	2.3	12% qtz 0.1-7 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	420	425	5	1 + 2	2	1	2	1	100	100	5036	417.5	421.3	3.8	5% qtz 0.1-3 cm @45-65 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	425	430	5	2	1	1	1	1	100	100					421.3-596.1 gneiss, grey colour (metasandstone)
V11DDH-7	430	435	5	2	1	1	1	1	100	100					
V11DDH-7	435	440	5	2	1	1	1	1	100	100					
V11DDH-7	440	445	5	2	1	1	1	1	100	100					
V11DDH-7	445	450	5	2	1	1	1	1	100	100					
V11DDH-7	450	455	5	2	2	2	15	1	100	100	5037	451	456	5	16% qtz 0.1-12 cm @45-65 degrees to ca, 4% diss & frac fill py, pyo,
V11DDH-7	455	460	5	2	1	1	8	1	100	100	5038	456	460.6	4.6	7% qtz 0.1-2 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	460	465	5	2	1	1	4	1	83	99	5039	460.6	464	3.4	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, trace-0.1% arsenopyrite
V11DDH-7	465	470	5	2	2	1	6	2	89	100	5040	464	465	1	8% qtz 0.1-3 cm @44-55 degrees to ca, 1% cal, 2% chl,2% diss & frac fill py, pyo, 0.1% arsenopyrite
V11DDH-7	470	475	5	2	1	1	1	1	100	100	5041	465	468	3	12% qtz 0.1-7 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, trace arsenopyrite
V11DDH-7	475	480	5	2	1	1	1	1	100	100					
V11DDH-7	480	485	5	2	1	1	1	1	95	100					
V11DDH-7	485	490	5	2	1	1	1	1	100	100					
V11DDH-7	490	495	5	2	1	1	1	1	94	100					
V11DDH-7	495	500	5	2	1	1	1	1	100	100					
V11DDH-7	500	505	5	2	1	1	1	1	100	100					
V11DDH-7	505	510	5	2	1	1	1	1	99	100					
V11DDH-7	510	515	5	2	1	1	1	1	92	100					
V11DDH-7	515	520	5	2	1	1	4	2	93	100	5042	517.8	521.5	3.7	6% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,2% diss & frac fill py, pyo
V11DDH-7	520	525	5	2	1	1	5	1	100	100	5043	521.5	527	5.5	5% qtz 0.1-2 cm @30-65 degrees to ca, 1% cal, 2% chl, 1% diss & frac fill py, pyo
V11DDH-7	525	530	5	2	1	1	1	1	100	100					
V11DDH-7	530	535	5	2	1	1	1	1	98	100					
V11DDH-7	535	540	5	2	1	1	1	1	83	100					
V11DDH-7	540	545	5	2	1	1	1	1	68	100					
V11DDH-7	545	550	5	2	1	1	1	1	75	100					
V11DDH-7	550	555	5	2	1	1	1	1	90	100					
V11DDH-7	555	560	5	2	1	1	1	1	100	100					
V11DDH-7	560	565	5	2	1	1	1	1	90	100					
V11DDH-7	565	570	5	2	1	1	1	1	95	100					
V11DDH-7	570	575	5	2	1	1	1	1	80	100					
V11DDH-7	575	580	5	2	2	1	5	1	80	100	5044	576.3	580.7	4.4	6% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	580	585	5	2	2	1	7	1	100	100	5045	580.7	585	4.3	8% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	585	590	5	2	1	1	1	1	90	100					
V11DDH-7	590	595	5	2	1	1	1	1	100	100					
V11DDH-7	595	600	5	1 + 2	1	1	1	1	92	99					596.1-601 schist (graphitic), grey-black colour (metapelite)
V11DDH-7	600	605	5	1 + 2	1	1	3	1	90	100	5046	601	605.2	4.2	3% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-7	605	610	5	2	1	1	1	1	78	100					601-700 gneiss, grey colour (metasandstone)
V11DDH-7	610	615	5	2	1	1	1	1	89	100					
V11DDH-7	615	620	5	2	1	1	1	1	82	100					
V11DDH-7	620	625	5	2	1	1	1	1	80	100					
V11DDH-7	625	630	5	2	1	1	1	1	85	100					
V11DDH-7	630	635	5	2	1	1	1	1	95	100					
V11DDH-7	635	640	5	2	1	1	5	1	100	100	5047	635.7	640.2	4.5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 639.8-640 fault zone, broken ground
V11DDH-7	640	645	5	2	1	1	1	1	100	100					
V11DDH-7	645	650	5	2	1	1	1	1	100	100					
V11DDH-7	650	655	5	2	1	1	1	1	100	100					
V11DDH-7	655	660	5	2	1	1	1	1	90	100					
V11DDH-7	660	665	5	2	1	1	6	1	100	100	5048	661.7	666	4.3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	665	670	5	2	1	1	8	1	100	100	5049	666	670.5	4.5	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	670	675	5	2	1	1	8	1	100	100	5050	670.5	675	4.5	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	675	680	5	2	1	1	7	1	100	100	5051	675	679.7	4.7	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	680	685	5	2	1	1	4	1	100	100	5052	679.7	682.7	3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	685	690	5	2	1	1	1	1	100	100					
V11DDH-7	690	695	5	2	1	1	1	1	100	100					
V11DDH-7	695	700	5	2	1	1	1	1	100	100					
V11DDH-7	700	705	5	1	1	1	1	1	100	100					700-895.2 schist, grey-black colour (metapelite), 4% muscovite
V11DDH-7	705	710	5	1	1	1	1	1	95	100					
V11DDH-7	710	715	5	1	1	1	6	1	100	100	5053	713	718	5	8% qtz 0.1-2 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	715	720	5	1	1	1	8	1	100	100	5054	718	723	5	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	720	725	5	1	1	1	6	1	100	100	5055	723	728	5	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	725	730	5	1	2	1	10	1	100	100	5056	728	733	5	10% qtz 0.1-3 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 731.3-733 fault zone @20 degrees to core axis, 0.5% clay
V11DDH-7	730	735	5	1	1	1	5	1	83	100	5057	733	738	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 736.8-741 broken ground
V11DDH-7	735	740	5	1	1	1	4	1	85	100	5058	738	741	4	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	740	745	5	1	1	1	6	1	80	100	5059	741	745	4	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	745	750	5	1	1	1	4	1	78	100	5060	745	750.5	5.5	4% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	750	755	5	1	2	1	10	1	100	100	5061	750.5	756	5.5	10% qtz 0.1-4 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	755	760	5	1	1	1	5	1	100	100	5062	756	761	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	760	765	5	1	1	1	6	1	100	100	5063	761	766.2	5.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	765	770	5	1	1	1	1	1	100	100					
V11DDH-7	770	775	5	1	1	1	1	1	90	100					
V11DDH-7	775	780	5	1	1	1	1	1	88	100					
V11DDH-7	780	785	5	1	1	1	1	1	100	100					

APPENDIX F-

V11DDH-7 (Part B) GEOLOGICAL DRILL HOLE LOG, Oct-Nov, 2011

V11DDH-7	785	790	5	1	1	1	1	1	100	100					
V11DDH-7	790	795	5	1	1	1	1	1	100	100					
V11DDH-7	795	800	5	1	1	1	1	1	100	100					
V11DDH-7	800	805	5	1	1	1	5	1	100	100	5064	799	804	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	805	810	5	1	1	1	5	1	100	100	5065	804	809	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	810	815	5	1	1	1	5	1	100	100	5066	809	814	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	815	820	5	1	1	1	4	1	100	100	5067	814	819	5	4% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	820	825	5	1	1	1	1	1	100	100					
V11DDH-7	825	830	5	1	1	1	1	1	89	100					
V11DDH-7	830	835	5	1	1	1	1	1	78	100					
V11DDH-7	835	840	5	1	1	1	1	1	92	100					
V11DDH-7	840	845	5	1	1	1	1	1	100	100					
V11DDH-7	845	850	5	1	1	1	1	1	100	100					
V11DDH-7	850	855	5	1	1	1	1	1	100	100					
V11DDH-7	855	860	5	1	1	1	1	1	100	100					
V11DDH-7	860	865	5	1	1	1	1	1	100	100					
V11DDH-7	865	870	5	1	1	1	1	1	100	100					
V11DDH-7	870	875	5	1	1	1	1	1	100	100					
V11DDH-7	875	880	5	1	1	1	1	1	100	100					
V11DDH-7	880	885	5	1	1	1	1	1	100	100					
V11DDH-7	885	890	5	1	1	1	1	1	100	100					
V11DDH-7	890	895	5	1	1	1	1	1	88	100					
V11DDH-7	895	900	5 1 + 2		1	1	1	1	82	100					895.2-1035.7 gneiss, grey colour (metasandstone)
V11DDH-7	900	905	5	2	1	1	1	1	94	100					
V11DDH-7	905	910	5	2	1	1	1	1	88	100					
V11DDH-7	910	915	5	2	1	1	1	1	100	100					
V11DDH-7	915	920	5	2	1	1	1	1	100	100					
V11DDH-7	920	925	5	2	2	1	9	1	100	100	5068	921.7	926.1	4.4	9% qtz 0.1-3 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	925	930	5	2	1	1	5	1	100	100	5069	926.1	930.5	4.4	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	930	935	5	2	1	1	1	1	100	100					
V11DDH-7	935	940	5	2	1	1	1	1	100	100					
V11DDH-7	940	945	5	2	1	1	1	1	100	100					
V11DDH-7	945	950	5	2	1	1	1	1	100	100					
V11DDH-7	950	955	5	2	1	1	1	1	100	100					
V11DDH-7	955	960	5	2	1	1	5	1	73	99	5070	957.3	962	4.7	7% qtz 0.1-2 cm @35-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	960	965	5	2	1	1	3	1	86	100					
V11DDH-7	965	970	5	2	1	1	1	1	100	100					
V11DDH-7	970	975	5	2	1	1	1	1	100	100					
V11DDH-7	975	980	5	2	1	1	1	1	100	100					
V11DDH-7	980	985	5	2	1	1	1	1	100	100					
V11DDH-7	985	990	5	2	1	1	1	1	100	100					
V11DDH-7	990	995	5	2	1	1	1	1	100	100					
V11DDH-7	995	1000	5	2	1	1	1	1	100	100					
V11DDH-7	1000	1005	5	2	1	1	1	1	100	100					
V11DDH-7	1005	1010	5	2	1	1	1	1	100	100					
V11DDH-7	1010	1015	5	2	1	1	1	1	100	100					
V11DDH-7	1015	1020	5	2	1	1	1	1	100	100					
V11DDH-7	1020	1025	5	2	1	1	1	1	100	100					
V11DDH-7	1025	1030	5	2	1	1	7	1	100	100	5071	1024.6	1030	5.4	8% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1024.6-1031.3 broken ground
V11DDH-7	1030	1035	5	2	1	1	3	1	100	100	5072	1030	1034.2	4.2	3% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1035	1040	5 1 + 2		1	1	5	1	100	100	5073	1034.2	1039.5	4.3	5% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1040	1045	5	1	1	1	3	1	100	100					1035.7-1064 schist, grey-black colour, graphitic (metapelite)
V11DDH-7	1045	1050	5	1	1	1	4	1	100	100	5074	1048.5	1052	3.5	3% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1049.8-1050.3 graphitic fault zone, 8% clay
V11DDH-7	1050	1055	5	1	1	1	5	1	100	100	5075	1052	1055.5	3.5	4% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1055	1060	5	1	1	1	5	1	80	99	5076	1055.5	1058.5	3	6% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1060	1065	5 1 + 2		1	1	6	1	74	100	5077	1058.5	1061.8	3.3	5% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1065	1070	5	2	1	1	5	1	100	100	5078	1061.8	1065.1	3.3	6% qtz 0.1-1 cm @40-60 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1070	1075	5	2	1	1	7	1	100	100	5079	1065.1	1068.5	3.4	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1075	1080	5	2	2	1	1	1	100	100	5080	1068.5	1073	4.5	12% qtz 0.1-5 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1080	1085	5	2	1	1	1	1	100	100					1064-1143.4 gneiss, grey colour (metasandstone)
V11DDH-7	1085	1090	5	2	1	1	1	1	100	100					
V11DDH-7	1090	1095	5	2	1	1	8	1	100	100	5081	1090.2	1096	5.8	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1095	1100	5	2	1	1	6	1	100	100	5082	1096	1101.2	5.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1100	1105	5	2	1	1	5	1	100	100	5083	1101.2	1106.5	5.3	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1105	1110	5	2	1	1	1	1	100	100					
V11DDH-7	1110	1115	5	2	1	1	1	1	84	100					
V11DDH-7	1115	1120	5	2	1	1	1	1	77	100					
V11DDH-7	1120	1125	5	2	1	1	1	1	89	100					
V11DDH-7	1125	1130	5	2	1	1	1	1	72	99					
V11DDH-7	1130	1135	5	2	1	1	1	1	68	99					1143.4-1230 schist, grey-black colour, graphitic (metapelite)
V11DDH-7	1135	1140	5	2	1	1	4	1	39	96	5084	1139	1143.4	4.4	4% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-7	1140	1145	5 1 + 2		1	1	6	1	47	97	5085	1143.4	1147.8	4.4	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-7	1145	1150	5	1	1	1	4	1	42	95	5086	1147.8	1152.2	4.4	4% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-7	1150	1155	5	1	1	1	6	1	90	100	5087	1152.2	1156.5	4.3	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1153.8-1155.2 fault zone, minor graphite, 7% clay, broken ground
V11DDH-7	1155	1160	5	1	1	1	1	1	94	100					
V11DDH-7	1160	1165	5	1	1	1	1	1	89	100					
V11DDH-7	1165	1170	5	1	1	1	1	1	84	100					
V11DDH-7	1170	1175	5	1	1	1	1	1	69	100					
V11DDH-7	1175	1180	5	1	1	1	7	1	72	100	5088	1178.8	1183.8	5	7% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1180	1185	5	1	1	1	1	1	77	100					
V11DDH-7	1185	1190	5	1	1	1	1	1	72	100					
V11DDH-7	1190	1195	5	1	1	1	1	1	89	100					
V11DDH-7	1195	1200	5	1	1	1	1	1	90	100					
V11DDH-7	1200	1205	5	1	1	1	1	1	81	100					
V11DDH-7	1205	1210	5	1	1	1	1	1	78	100					
V11DDH-7	1210	1215	5	1	1	1	1	1	83	100					
V11DDH-7	1215	1220	5	1	1	1	1	1	80	100					
V11DDH-7	1220	1225	5	1	1	1	1	1	73	99					
V11DDH-7	1225	1230	5	1	1	1	1	1	78	100					
V11DDH-7	1230	1235	5	2	1	1	1	1	74	99					1230-1440 gneiss, grey colour (metasandstone)
V11DDH-7	1235	1240	5	2	2	1	8	1	75	99	5089	1239.2	1243	3.8	10% qtz 0.1-3 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1240	1245	5	2	1	1	6	1	72	100	5090	1243	1246.9	3.6	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1245	1250	5	2	1	1	7	1	78	100	5091	1246.9	1250.5	3.6	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1250	1255	5	2	1	1	6	1	67	100	5092	1250.5	1254	3.5	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,2% diss & frac fill py, pyo, 1251.5-1253 fault zone, minor graphite
V11DDH-7	1255	1260	5	2	1	1	1	1	59	100					
V11DDH-7	1260	1265	5	2	1	1	5	1	72	100	5093	1265.5	1269.3	3.8	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1265.5-1273 broken ground
V11DDH-7	1265	1270	5	2	1	1	5	1	77	100	5094	1269.3	1273	3.7	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1270	1275	5	2	1	1	1	1	82	100					
V11DDH-7	1275	1280	5	2	1	1	1	1	84	100					
V11DDH-7	1280	1285	5	2	1	1	1	1	90	100					
V11DDH-7	1285	1290	5	2	1	1	1	1	75	100					
V11DDH-7	1290	1295	5	2	1	1	1	1	85	100					
V11DDH-7	1295	1300	5	2	1	1	1	1	78	100					
V11DDH-7	1300	1305	5	2	1	1	1	1	88	100					
V11DDH-7	1305	1310	5	2	1	1	3	1	84	100	5095	1309	1311.5	2.5	5% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1311.2-1311.5 fault zone, broken ground
V11DDH-7	1310	1315	5	2	1	1	3	1	67	100					
V11DDH-7	1315	1320	5	2	1	1	1	1	73	100					
V11DDH-7	1320	1325	5	2	1	1	1	1	84	100					
V11DDH-7	1325	1330	5	2	1	1	5	1	76	100	5096	1327.5	1331	3.5	7% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1330	1335	5	2	1	1	2	1	100	100					
V11DDH-7	1335	1340	5	2	1	1	1	1	100	100					
V11DDH-7	1340	1345	5	2	1	1	1	1	100	100					
V11DDH-7	1345	1350	5	2	1	1	1	1	100	100					
V11DDH-7	1350	1355	5	2	2	1	5	1	100	100	5097	1353	1358	5	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1355	1360	5	2	2	1	10	1	100	100	5098	1358	1363	5	15% qtz 0.1-6 cm @40-55 degrees to ca, 4% chl,2% diss & frac fill py, pyo
V11DDH-7	1360	1365	5	2	1	1	6	1	100	100	5099	1363	1368	5	7% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1365	1370	5	2	1	1	7	1	100	100	5100	1368	1373.5	5.5	7% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1370	1375	5	2	1	1	6	1	100	100	5101	1373.5	1379	5.5	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1375	1380	5	2	1	1	1	1	100	100					
V11DDH-7	1380	1385	5	2	1	1	1	1	100	100					
V11DDH-7	1385	1390	5	2	1	1	1	1	100	100					
V11DDH-7	1390	1395	5	2	1	1	1	1	100	100					
V11DDH-7	1395	1400	5	2	1	1	1	1	100	100					
V11DDH-7	1400	1405	5	2	1	1	1	1	100	100					
V11DDH-7	1405	1410	5	2	2	1	7	1	100	100	5102	1406.5	1411.8	5.3	8% qtz 0.1-2 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1410	1415	5	2	2	1	6	1	100	100	5103	1411.8	1417	5.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1415	1420	5	2	1	1	1	1	89	100					
V11DDH-7	1420	1425	5	2	2	1	6	1	93	100	5104	1423.2	1428.5	5.3	8% qtz 0.1-3 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1425	1430	5	2	2	1	6	1	100	100	5105	1428.5	1433.6	5.1	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo
V11DDH-7	1430	1435	5	2	1	1	1	1	100	100					
V11DDH-7	1435	1440	5	2	1	1	1	1	100	100					1440-1442.3 porphyritic quartz diorite dyke-sill, 1-2 mm plagioclase laths
V11DDH-7	1440	1445	5 2 + 5		3	1	4	1	100	100	5106	1440	1442.3	2.3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, porphrytic qtz diorite dyke/sill, @38 degrees to core axis, 1-3% staurolite
V11DDH-7	1445	1450	5	2	2	1	4	1	100	100	5107	1442.3	1444.4	2.1	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1450	1455	5	2	1	1	1	1	100	100					1442.3-1618 gneiss, grey colour (metasandstone), 2% staurolite as 1-5 mm sub-hedral laths
V11DDH-7	1455	1460	5	2	2	1	1	1	100	100					
V11DDH-7	1460	1465	5	2	2	1	5	1	100	100	5108	1461.2	1465	3.8	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1465	1470	5	2	1	1	6	1	100	100	5109	1465	1469	4	8% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1470	1475	5	2	1	1	1	1	100	100					
V11DDH-7	1475	1480	5	2	1	1	1	1	100	100					
V11DDH-7	1480	1485	5	2	2	1	6	1	86	100	5110	1479	1486.4	7.4	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1485	1490	5	2	2	1	6	1	89	100	5111	1511	1515.2	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, 1-3% staurolite
V11DDH-7	1490	1495	5	2	2	1	6	1	100	100	5112	1515.2	1519.4	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, 1-3% staurolite
V11DDH-7	1495	1500	5	2	2	1	6	1	100	100	5113	1519.4	1523.6	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, 1-3% staurolite
V11DDH-7	1500	1505	5	2	1	1	1	1	100	100					
V11DDH-7	1505	1510	5	2	1	1	1	1	86	100					
V11DDH-7	1510	1515	5	2	1	1	1	1	57	98					
V11DDH-7	1515	1520	5	2	1	1	1	1	79	100					
V11DDH-7	1520	1525	5	2	1	1	1	1	78	100					
V11DDH-7	1525	1530	5	2	1	1	1	1	92	100					
V11DDH-7	1530	1535	5	2	1	1	1	1	100	100					
V11DDH-7	1535	1540	5	2	1	1	1	1	100	100					
V11DDH-7	1540	1545	5	2	1	1	1	1	62	96					
V11DDH-7	1545	1550	5	2	2	1	6	1	40	92	5114	1546	1550.3	4.3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1547.4-1548 broken ground, 1-3% staurolite
V11DDH-7	1550	1555	5	2	2	1	6	1	73	100	5115	1550.3	1554.6	4.3	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1550-1555.5 broken ground, 1-3% staurolite
V11DDH-7	1555	1560	5	2	1	1	1	1	69	100					
V11DDH-7	1560	1565	5	2	1	1	1	1	88	100					
V11DDH-7	1565	1570	5	2	1	1	1	1	91	100					
V11DDH-7	1570	1575	5	2	1	1	1	1	73	100					
V11DDH-7	1575	1580	5	2	2	1	6	1	85	100	5116	1577.6	1583	5.6	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1580	1585	5	2	2	1	1	1	78	100					1618-1717 amphibolite (metavolcanic), light grey to green colour, increased actinolite-staurolite near contact
V11DDH-7	1585	1590	5	2	2	1	6	1	93	100	5117	1588	1590.7	2.7	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1590	1595	5	2	2	1	6	1	84	100	5118	1590.7	1595.2	4.5	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1595	1600	5	2	2	1	6	1	70	100	5119	1595.2	1599.8	4.6	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1600	1605	5	2	2	1	6	1	51	99	5120	1599.8	1604	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1605	1610	5	2	2	1	6	1	42	98	5121	1604	1608.2	4.2	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1610	1615	5	2	2	1	6	1	73	100	5122	1612.5	1615.2	2.7	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1615	1620	5 2 + 3		2	2	6	1	84	100	5123	1615.2	1618	2.8	6% qtz 0.1-1 cm @40-55 degrees to ca, 2% chl,1% diss & frac fill py, pyo, 1-3% staurolite
V11DDH-7	1620	1625	5	3	2	2	5	1	91	100	5124	1618	1623.4	5.4	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite
V11DDH-7	1625	1630	5	3	2	3	5	1	31	98	5125	1623.4	1628.7	5.3	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite
V11DDH-7	1630	1635	5	3	2	3	5	1	40	96	5126	1628.7	1631	2.3	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite
V11DDH-7	1635	1640	5	3	2	2	5	1	100	100	5127	1631	1636	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite
V11DDH-7	1640	1645	5	3	2	2	5	1	81	100	5128	1636	1641	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite
V11DDH-7	1645	1650	5	3	2	2	5	1	78	100	5129	1641	1646	5	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite
V11DDH-7	1650	1655	5	3	2	2	3	1	100	100	5130	1646	1651.2	5.2	5% qtz 0.1-1 cm @40-55 degrees to ca, 1% cal, 2% chl,1% diss & frac fill py, pyo, amphibolite, 1-3% actinolite
V11DDH-7	1655	1660	5	3	2	2	1	1	100	100					
V11DDH-7	1660	1665	5	3	2	2	1	1	100	100					
V11DDH-7	1665	1670	5	3	2	2	1	1	100	100					
V11DDH-7	1670	1675	5	3	2	2	1	1	100	100					
V11DDH-7	1675	1680	5	3	2	2	1	1	100	100					
V11DDH-7	1680	1685	5	3	2	2	1	1	100	100					
V11DDH-7	1685	1690	5	3	2	2	1	1	100	100					
V11DDH-7	1690	1695	5	3	2	2	1	1	100	100					
V11DDH-7	1695	1700	5	3	2	2	1	1	80	100					
V11DDH-7	1700	1705	5	3	2	2	1	1	75	100					
V11DDH-7	1705	1710	5	3	2	2	1	1	89	100					
V11DDH-7	1710	1715	5	3	2	2	1	1	95	100					
V11DDH-7	1715	1717	2	3	2	2	1	1	97	100					

APPENDIX F-

V11DDH-8 (Part A) GEOLOGICAL DRILL HOLE LOG, Oct-Nov, 2011

DDH No	FROM ft	TO ft	WIDTH ft	Lithology	% Chlorite	% Carbonate	% Qtz vns	% sulphide	RQD (% >10 cm)	Recovery	Sample No	FROM ft	TO ft	WIDTH ft	Description
V11DDH-8	4	10	6	2	1	1	1	1	42	85					4-46.5 gneiss, grey colour (metasandstone)
V11DDH-8	10	15	5	2	1	1	1	1	47	88					
V11DDH-8	15	20	5	2	1	1	1	1	50	95					
V11DDH-8	20	25	5	2	1	1	1	1	84	99					
V11DDH-8	25	30	5	2	1	1	1	1	90	100					
V11DDH-8	30	35	5	2	1	1	1	1	92	100					
V11DDH-8	35	40	5	2	1	1	1	1	84	100					
V11DDH-8	40	45	5	2	1	1	1	1	78	100					
V11DDH-8	45	50	5	1 + 2		1	1	1	81	100					
V11DDH-8	50	55	5	1 + 2		1	1	1	34	93					46.5-57.8 schist, grey-black colour (metapelite), broken ground
V11DDH-8	55	60	5	2	1	1	5	1	29	94	5131	57.8	61.3	3.5	57.8-65.8 gneiss, grey colour (metasandstone), broken ground 5% qtz 0.1-1.5 cm @40-60 degrees to ca, 1% diss & frac fill py, trace limonite, broken ground
V11DDH-8	60	65	5	2	1	2	9	1	12	82	5132	61.3	65.8	4.5	9% qtz 0.1-1.5 cm @30-60 degrees to ca, 1% diss & frac fill py, trace limonite, broken ground
V11DDH-8	65	70	5	1 + 2		1	1	1	10	78					65.8-93 schist, grey-black colour (metapelite)
V11DDH-8	70	75	5	1	1	1	1	1	72	100					
V11DDH-8	75	80	5	1	1	1	1	1	65	100					
V11DDH-8	80	85	5	1	1	1	1	1	77	100					
V11DDH-8	85	90	5	1	2	1	2	1	80	100	5133	85.9	93	7.1	93-169.2 gneiss, grey colour (metasandstone) 2% qtz 0.1-1 cm @20-38 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, fault zone, 0.1% clay
V11DDH-8	90	95	5	1 + 2		2	1	2	20	80	5134	93	97	4	2% qtz 0.1-1 cm @20-38 degrees to ca, 2% chl,1% diss & frac fill py, pyo, broken ground, fault zone, 0.1% clay
V11DDH-8	95	100	5	2	3	1	4	1	10	74	5135	97	101	4	4% qtz 0.1-1.5 cm @20-38 degrees to ca, 3% chl,1% diss & frac fill py, pyo, broken ground, fault zone, 0.1% clay
V11DDH-8	100	105	5	2	1	1	6	1	55	97	5136	101	104	3	6% qtz 0.1-2 cm @35-55 degrees to ca, 1% diss & frac fill py
V11DDH-8	105	110	5	2	2	2	12	2	37	94	5137	104	109	5	12% qtz 0.1-2 cm @35-55 degrees to ca, 2% diss & frac fill py
V11DDH-8	110	115	5	2	1	1	5	1	36	94	5138	109	113	4	5% qtz 0.1-1.5 cm @30-48 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-8	115	120	5	2	1	1	5	1	42	96	5139	113	116.8	3.8	5% qtz 0.1-1.5 cm @30-48 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-8	120	125	5	2	1	1	1	1	71	98					
V11DDH-8	125	130	5	2	1	1	1	1	82	99					
V11DDH-8	130	135	5	2	1	1	1	1	33	99					
V11DDH-8	135	140	5	2	1	1	8	1	25	92	5140	139.3	142.7	3.4	8% qtz 0.1-1.5 cm @50-66 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-8	140	145	5	2	1	1	8	1	28	99	5141	142.7	146.1	3.4	8% qtz 0.1-1.5 cm @45-70 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-8	145	150	5	2	1	1	4	1	30	99	5142	146.1	149.7	3.6	4% qtz 0.1-1 cm @45-70 degrees to ca, 1% chl,1% diss & frac fill py, pyo, broken ground
V11DDH-8	150	155	5	2	1	1	1	1	39	99					
V11DDH-8	155	160	5	2	1	1	1	1	42	99					
V11DDH-8	160	165	5	2	1	1	1	1	68	100					
V11DDH-8	165	170	5	1 + 2		1	1	1	72	100					
V11DDH-8	170	175	5	1	1	1	1	1	20	94					169.2-182 schist, grey-black colour (metapelite)
V11DDH-8	175	180	5	1	2	1	1	1	28	92	5143	176.5	182.5	6	1% qtz 0.1-0.2 cm @20-38 degrees to ca, 3% chl,1% diss & frac fill py, pyo, broken ground, fault zone, 1% clay
V11DDH-8	180	185	5	1 + 2		2	1	1	55	97					182-454 gneiss, grey colour (metasandstone)
V11DDH-8	185	190	5	2	1	1	1	1	73	100					
V11DDH-8	190	195	5	2	1	1	1	1	69	100					
V11DDH-8	195	200	5	2	1	1	1	1	82	100					
V11DDH-8	200	205	5	2	1	1	1	1	86	100					
V11DDH-8	205	210	5	2	1	1	1	1	84	100					
V11DDH-8	210	215	5	2	1	1	1	1	69	100					
V11DDH-8	215	220	5	2	1	1	1	1	73	100					
V11DDH-8	220	225	5	2	1	1	1	1	73	100					
V11DDH-8	225	230	5	2	1	1	1	1	79	100					
V11DDH-8	230	235	5	2	1	1	1	1	69	100					
V11DDH-8	235	240	5	2	1	1	1	1	75	100					
V11DDH-8	240	245	5	2	1	1	1	1	74	100					
V11DDH-8	245	250	5	2	1	1	1	1	82	100					
V11DDH-8	250	255	5	2	1	1	1	1	64	99					
V11DDH-8	255	260	5	2	1	1	1	1	61	99					
V11DDH-8	260	265	5	2	1	1	1	1	80	100					
V11DDH-8	265	270	5	2	1	1	1	1	78	100					
V11DDH-8	270	275	5	2	1	1	1	1	83	100					
V11DDH-8	275	280	5	2	1	1	1	1	86	100					
V11DDH-8	280	285	5	2	1	1	1	1	90	100					
V11DDH-8	285	290	5	2	1	1	1	1	88	100					
V11DDH-8	290	295	5	2	1	1	1	1	84	100					
V11DDH-8	295	300	5	2	1	1	1	1	79	100					
V11DDH-8	300	305	5	2	1	1	1	1	90	100					
V11DDH-8	305	310	5	2	1	1	1	1	81	100					
V11DDH-8	310	315	5	2	1	1	1	1	84	100					
V11DDH-8	315	320	5	2	1	1	1	1	75	100					
V11DDH-8	320	325	5	2	1	1	1	1	78	100					
V11DDH-8	325	330	5	2	1	1	1	1	80	100					
V11DDH-8	330	335	5	2	1	1	1	1	88	100					
V11DDH-8	335	340	5	2	1	1	1	1	74	100					
V11DDH-8	340	345	5	2	1	1	1	1	82	100					
V11DDH-8	345	350	5	2	1	1	1	1	90	100					
V11DDH-8	350	355	5	2	1	1	1	1	84	100					
V11DDH-8	355	360	5	2	1	1	1	1	89	100					
V11DDH-8	360	365	5	2	2	2	30	1	77	100	5144	363.5	366	2.5	55% qtz 0.1-46 cm @35-40 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	365	370	5	2	1	1	22	1	80	100					
V11DDH-8	370	375	5	2	1	1	1	1	88	100					
V11DDH-8	375	380	5	2	2	1	6	1	92	100	5145	375.8	378.4	2.6	8% qtz 0.1-3 cm @42-50 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	380	385	5	2	1	1	1	1	96	100					
V11DDH-8	385	390	5	2	2	1	3	1	94	100	5146	386.3	389.6	3.3	3% qtz 0.1-1.5 cm @42-50 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	390	395	5	2	2	1	2	1	88	100	5147	389.6	393	3.4	2% qtz 0.1-1 cm @42-50 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	395	400	5	2	1	1	1	1	87	100					
V11DDH-8	400	405	5	2	1	1	1	1	93	100					
V11DDH-8	405	410	5	2	1	1	1	1	91	100					
V11DDH-8	410	415	5	2	1	1	1	1	83	100					
V11DDH-8	415	420	5	2	1	1	18	1	87	100	5148	417.3	422.4	5.1	35% qtz 0.1-38 cm @5-40 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	420	425	5	2	1	1	15	1	91	100	5149	422.4	427.5	5.1	5% qtz 0.1-4.5 cm @30-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	425	430	5	2	1	1	3	1	94	100					
V11DDH-8	430	435	5	2	1	1	1	1	100	100					
V11DDH-8	435	440	5	2	1	1	1	1	100	100					
V11DDH-8	440	445	5	2	1	1	7	1	95	100	5150	438.2	444.3	6.1	7% qtz 0.1-7 cm @30-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	445	450	5	2	1	1	6	1	90	100	5151	444.3	450.5	6.2	6% qtz 0.1-1.5 cm @30-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	450	455	5	1 + 2		1	1	1	87	100					454-488.5 schist, grey-black colour (metapelite)
V11DDH-8	455	460	5	1	1	1	1	1	84	100					
V11DDH-8	460	465	5	1	2	1	8	1	89	100	5152	459.5	461.5	2	8% qtz 0.1-2 cm @30-50 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	465	470	5	1	2	1	7	1	93	100	5153	464.3	468.8	4.5	7% qtz 0.1-2 cm @40-60 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	470	475	5	1	1	1	1	1	96	100					
V11DDH-8	475	480	5	1	1	1	3	1	90	100	5154	477.2	483.8	6.6	3% qtz 0.1-0.5 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	480	485	5	1	1	1	1	1	80	100					
V11DDH-8	485	490	5	1 + 2		1	1	1	94	100					488.5-806 gneiss, grey colour (metasandstone)
V11DDH-8	490	495	5	2	1	1	1	1	97	100					
V11DDH-8	495	500	5	2	1	1	1	1	100	100					
V11DDH-8	500	505	5	2	1	1	1	1	100	100					
V11DDH-8	505	510	5	2	1	1	1	1	100	100					
V11DDH-8	510	515	5	2	1	1	1	1	100	100					
V11DDH-8	515	520	5	2	1	1	5	1	100	100	5155	516.8	522.4	5.6	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	520	525	5	2	1	1	5	1	97	100	5156	522.4	528	5.6	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	525	530	5	2	1	1	5	1	81	100	5157	528	533	5	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	530	535	5	2	1	1	5	1	100	100	5158	533	538	5	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	535	540	5	2	1	1	5	1	97	100	5159	538	544.8	6.8	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	540	545	5	2	1	1	5	1	92	100	5160	544.8	551.7	6.9	5% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	545	550	5	2	1	1	1	1	96	100					
V11DDH-8	550	555	5	2	1	1	1	1	100	100					
V11DDH-8	555	560	5	2	1	1	1	1	92	100					
V11DDH-8	560	565	5	2	1	1	1	1	88	100					
V11DDH-8	565	570	5	2	1	1	1	1	100	100					
V11DDH-8	570	575	5	2	1	1	1	1	100	100					
V11DDH-8	575	580	5	2	1	1	1	1	97	100					
V11DDH-8	580	585	5	2	1	1	1	1	100	100					
V11DDH-8	585	590	5	2	1	1	1	1	94	100					
V11DDH-8	590	595	5	2	1	1	11	1	92	100	5161	592	597	5	13% qtz 0.1-2 cm @50-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	595	600	5	2	1	1	7	1	100	100	5162	597	602.2	5.2	3% qtz 0.1-1.5 cm @40-50 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	600	605	5	2	1	1	1	1	100	100					
V11DDH-8	605	610	5	2	2	2	7	2	90	100	5163	609.7	613	3.3	15% qtz 0.1-8 cm @45-68 degrees to ca, 3% chl, 2% diss & frac fill py
V11DDH-8	610	615	5	2	1	1	8	2	86	100					
V11DDH-8	615	620	5	2	1	1	1	1	100	100					
V11DDH-8	620	625	5	2	1	1	1	1	100	100					
V11DDH-8	625	630	5	2	1	1	1	1	100	100					
V11DDH-8	630	635	5	2	1	1	1	1	100	100					
V11DDH-8	635	640	5	2	1	1	1	1	100	100					
V11DDH-8	640	645	5	2	1	1	1	1	100	100					
V11DDH-8	645	650	5	2	1	1	1	1	100	100					
V11DDH-8	650	655	5	2	1	1	1	1	100	100					
V11DDH-8	655	660	5	2	1	1	1	1	100	100					
V11DDH-8	660	665	5	2	1	1	1	1	100	100					
V11DDH-8	665	670	5	2	1	1	1	1	100	100					
V11DDH-8	670	675	5	2	1	1	1	1	100	100					
V11DDH-8	675	680	5	2	1	1	1	1	100	100					
V11DDH-8	680	685	5	2	1	1	1	1	100	100					
V11DDH-8	685	690	5	2	1	1	1	1	100	100					
V11DDH-8	690	695	5	2	1	1	1	1	88	100					
V11DDH-8	695	700	5	2	1	1	1	1	94	100					
V11DDH-8	700	705	5	2	2	1	7	1	100	100	5164	699	701	2	7% qtz 0.1-2 cm @45-55 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	705	710	5	2	1	1	1	1	100	100					
V11DDH-8	710	715	5	2	1	1	1	1	100	100					
V11DDH-8	715	720	5	2	1	1	1	1	86	100					
V11DDH-8	720	725	5	2	1	1	1	1	90	100					
V11DDH-8	725	730	5	2	2	1	7	1	82	100	5165	726.5	731.6	5.1	12% qtz 0.1-10 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	730	735	5	2	1	1	7	1	100	100					
V11DDH-8	735	740	5	2	2	1	7	1	100	100	5166	736.3	741.8	5.5	7% qtz 0.1-10 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	740	745	5	2	1	1	1	1	100	100					
V11DDH-8	745	750	5	2	1	1	1	1	100	100					
V11DDH-8	750	755	5	2	1	1	1	1	100	100					
V11DDH-8	755	760	5	2	1	1	1	1	100	100					
V11DDH-8	760	765	5	2	2	1	7	1	100	100	5167	762.5	765.2	2.7	7% qtz 0.1-10 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	765	770	5	2	2	1	4	1	100	100	5168	765.2	769.8	4.6	4% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	770	775	5	2	2	1	1	1	100	100	5169	769.8	774.4	4.6	3% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	775	780	5	2	2	1	3	1	100	100	5170	774.4	778	3.6	10% qtz 0.1-10 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py

APPENDIX F-

V11DDH-8 (Part B) GEOLOGICAL DRILL HOLE LOG, Oct-Nov, 2011

DDH No.	From (ft)	To (ft)	interval (ft)	Lithology	% chl.	% carb	% qtz	% sulphide	RQD %	Recovery %	Sample No.	From (ft)	To (ft)		
V11DDH-8	780	785	5	2	1	1	10	1	100	100					
V11DDH-8	785	790	5	2	1	1	1	1	100	100					
V11DDH-8	790	795	5	2	2	1	6	1	100	100	5171	792.5	793.5	1	6% qtz 0.1-3 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	795	800	5	2	2	1	2	1	100	100	5172	793.5	797.5	4	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	800	805	5	2	2	1	2	1	100	100	5173	797.5	799.7	2.2	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	805	810	5	1 + 2	2	1	2	1	100	100	5174	799.7	806	6.3	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	810	815	5	1 + 2	2	1	2	1	100	100	5175	806	811	5	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground
V11DDH-8	815	820	5	2	2	1	2	1	100	100	5176	811	816	5	2% qtz 0.1-1 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground
V11DDH-8	820	825	5	2	1	1	1	1	100	100					806-816 schist, grey-black colour (metapelite)
V11DDH-8	825	830	5	2	1	1	1	1	100	100					816-977.8 gneiss, grey colour (metasandstone)
V11DDH-8	830	835	5	2	1	1	1	1	100	100					
V11DDH-8	835	840	5	2	1	1	1	1	100	100					
V11DDH-8	840	845	5	2	1	1	1	1	100	100					
V11DDH-8	845	850	5	2	1	1	1	1	83	100					
V11DDH-8	850	855	5	2	1	1	1	1	88	100					
V11DDH-8	855	860	5	2	1	1	1	1	100	100					
V11DDH-8	860	865	5	2	1	1	1	1	100	100					
V11DDH-8	865	870	5	2	1	1	1	1	100	100					
V11DDH-8	870	875	5	2	1	1	1	1	100	100					
V11DDH-8	875	880	5	2	1	1	1	1	100	100					
V11DDH-8	880	885	5	2	1	1	1	1	100	100					
V11DDH-8	885	890	5	2	1	1	1	1	100	100					
V11DDH-8	890	895	5	2	1	1	1	1	100	100					
V11DDH-8	895	900	5	2	1	1	1	1	100	100					
V11DDH-8	900	905	5	2	1	1	1	1	100	100					
V11DDH-8	905	910	5	2	1	1	1	1	100	100					
V11DDH-8	910	915	5	2	1	1	1	1	100	100					
V11DDH-8	915	920	5	2	1	1	1	1	90	100					
V11DDH-8	920	925	5	2	1	1	1	1	83	100					
V11DDH-8	925	930	5	2	1	1	1	1	87	100					
V11DDH-8	930	935	5	2	1	1	1	1	90	100					
V11DDH-8	935	940	5	2	1	1	1	1	100	100					
V11DDH-8	940	945	5	2	1	1	1	1	100	100					
V11DDH-8	945	950	5	2	1	1	1	1	78	100					
V11DDH-8	950	955	5	2	1	1	1	1	82	100					
V11DDH-8	955	960	5	2	1	1	1	1	100	100					
V11DDH-8	960	965	5	2	1	1	1	1	90	100					
V11DDH-8	965	970	5	2	1	1	1	1	93	100					
V11DDH-8	970	975	5	2	1	1	1	1	94	100					
V11DDH-8	975	980	5	2 + 5	2	1	5	1	96	100	5177	975.4	977.8	2.4	5% qtz 0.1-1 cm @25-45 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	980	985	5	2 + 5	1	1	1	1	100	100					977.8-983.6 qtz diorite dyke-sill @ 42 deg to ca
V11DDH-8	985	990	5	2 + 5	2	1	3	1	100	100	5178	983.6	988	4.4	3% qtz 0.1-1 cm @35-55 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	990	995	5	5	1	1	1	1	100	100					988-1003.1 qtz diorite dyke-sill @ 40-50 deg to ca
V11DDH-8	995	1000	5	5	1	1	1	1	100	100					1003.1-1708 gneiss, grey colour (metasandstone)
V11DDH-8	1000	1005	5	2 + 5	1	1	3	1	100	100	5179	1003.1	1009	5.9	3% qtz 0.1-1 cm @40-55 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1005	1010	5	2	1	1	1	1	100	100					
V11DDH-8	1010	1015	5	2	1	1	1	1	100	100					
V11DDH-8	1015	1020	5	2	1	1	1	1	100	100					
V11DDH-8	1020	1025	5	2	1	1	1	1	94	100					
V11DDH-8	1025	1030	5	2	1	1	1	1	96	100					
V11DDH-8	1030	1035	5	2	1	1	1	1	100	100					
V11DDH-8	1035	1040	5	2	1	1	1	1	92	100					
V11DDH-8	1040	1045	5	2	1	1	1	1	90	100					
V11DDH-8	1045	1050	5	2	1	1	1	1	96	100					
V11DDH-8	1050	1055	5	2	1	1	1	1	100	100					
V11DDH-8	1055	1060	5	2	1	1	1	1	82	100					
V11DDH-8	1060	1065	5	2	1	1	1	1	86	100					
V11DDH-8	1065	1070	5	2	1	1	1	1	100	100					
V11DDH-8	1070	1075	5	2	1	1	1	1	95	100					
V11DDH-8	1075	1080	5	2	1	1	1	1	100	100					
V11DDH-8	1080	1085	5	2	1	1	1	1	96	100					
V11DDH-8	1085	1090	5	2	1	1	1	1	98	100					
V11DDH-8	1090	1095	5	2	1	1	1	1	98	100					
V11DDH-8	1095	1100	5	2	1	1	1	1	92	100					
V11DDH-8	1100	1105	5	2	1	1	1	1	95	100					
V11DDH-8	1105	1110	5	2	1	1	1	1	95	100					
V11DDH-8	1110	1115	5	2	1	1	1	1	90	100					
V11DDH-8	1115	1120	5	2	1	1	1	1	90	100					
V11DDH-8	1120	1125	5	2	1	1	1	1	85	100					
V11DDH-8	1125	1130	5	2	1	1	1	1	42	98					
V11DDH-8	1130	1135	5	2	2	1	3	1	56	99	5180	1130	1135	5	3% qtz 0.1-2 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground
V11DDH-8	1135	1140	5	2	2	1	8	1	84	100	5181	1135	1139.7	4.7	8% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	1140	1145	5	2	2	1	8	1	87	100	5182	1139.7	1144.5	4.8	8% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	1145	1150	5	2	2	1	8	1	90	100	5183	1144.5	1148	3.5	8% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	1150	1155	5	2	2	1	12	1	96	100	5184	1148	1151.6	3.6	12% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	1155	1160	5	2	2	1	15	2	98	100	5185	1151.6	1154.4	2.8	22% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 2% diss & frac fill py
V11DDH-8	1160	1165	5	2	2	1	10	1	93	100	5186	1154.4	1158	3.6	6% qtz 0.1-5 cm @55-68 degrees to ca, 2% chl, 1% diss & frac fill py
V11DDH-8	1165	1170	5	2	1	1	5	1	90	100	5187	1158	1163	5	5% qtz 0.1-1 cm @45-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1170	1175	5	2	1	1	6	1	100	100	5188	1163	1168	5	6% qtz 0.1-1 cm @45-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1175	1180	5	2	1	1	4	1	100	100	5189	1168	1173	5	4% qtz 0.1-1 cm @45-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1180	1185	5	2	1	1	6	1	92	100	5190	1173	1178	5	6% qtz 0.1-1.5 cm @45-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1185	1190	5	2	1	1	3	1	68	99	5191	1178	1183	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1190	1195	5	2	1	1	3	1	78	100	5192	1183	1188	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1195	1200	5	2	1	1	3	1	90	100	5193	1188	1193.7	5.7	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1200	1205	5	2	1	1	8	1	59	100	5194	1203	1206	3	8% qtz 0.1-2 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1205	1210	5	2	1	1	3	1	88	100	5195	1206	1210	4	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1210	1215	5	2	1	1	3	1	78	100	5196	1210	1214.6	4.6	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1215	1220	5	2	1	1	3	1	94	100	5197	1214.6	1217.8	3.2	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1220	1225	5	2	1	1	3	1	96	100	5198	1223.7	1227.4	3.7	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1225	1230	5	2	1	1	1	1	100	100					
V11DDH-8	1230	1235	5	2	1	1	1	1	100	100					
V11DDH-8	1235	1240	5	2	2	1	5	1	67	100	5199	1238.5	1245.5	7	5% qtz 0.1-2 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground
V11DDH-8	1240	1245	5	2	1	1	1	1	50	99					
V11DDH-8	1245	1250	5	2	1	1	1	1	89	100					
V11DDH-8	1250	1255	5	2	1	1	1	1	93	100					
V11DDH-8	1255	1260	5	2	2	1	6	1	60	100	5200	1257.3	1262.7	5.4	6% qtz 0.1-2 cm @45-65 degrees to ca, 2% chl, 1% diss & frac fill py, broken ground
V11DDH-8	1260	1265	5	2	1	1	3	1	89	100	5201	1262.7	1268	5.3	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1265	1270	5	2	1	1	3	1	94	100	5202	1268	1273	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1270	1275	5	2	1	1	3	1	70	100	5203	1273	1278	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1275	1280	5	2	1	1	3	1	78	100	5204	1278	1283	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1280	1285	5	2	1	1	3	1	95	100	5205	1283	1288	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1285	1290	5	2	1	1	12	1	70	100	5206	1288	1292	4	12% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1290	1295	5	2	1	1	5	1	61	100	5207	1292	1296	4	5% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1295	1300	5	2	1	1	3	1	78	100	5208	1296	1300	4	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1300	1305	5	2	1	1	6	1	42	100	5209	1300	1304.5	4.5	6% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1305	1310	5	2	1	1	1	1	33	100					
V11DDH-8	1310	1315	5	2	1	1	3	1	46	100	5210	1310.4	1315	4.6	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground
V11DDH-8	1315	1320	5	2	1	1	3	1	25	100	5211	1315	1318.8	3.8	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground
V11DDH-8	1320	1325	5	2	1	1	3	1	39	98	5212	1318.8	1323.5	4.7	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground
V11DDH-8	1325	1330	5	2	1	1	3	1	82	100	5213	1323.5	1328.3	4.8	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground
V11DDH-8	1330	1335	5	2	1	1	3	1	88	100	5214	1440	1444	4	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1335	1340	5	2	1	1	1	1	86	100					
V11DDH-8	1340	1345	5	2	1	1	1	1	67	100					
V11DDH-8	1345	1350	5	2	1	1	1	1	73	100					
V11DDH-8	1350	1355	5	2	1	1	1	1	77	100					
V11DDH-8	1355	1360	5	2	1	1	1	1	88	100					
V11DDH-8	1360	1365	5	2	1	1	1	1	84	100					
V11DDH-8	1365	1370	5	2	1	1	1	1	92	100					
V11DDH-8	1370	1375	5	2	1	1	1	1	90	100					
V11DDH-8	1375	1380	5	2	1	1	1	1	95	100					
V11DDH-8	1380	1385	5	2	1	1	1	1	98	100					
V11DDH-8	1385	1390	5	2	1	1	1	1	90	100					
V11DDH-8	1390	1395	5	2	1	1	1	1	84	100					
V11DDH-8	1395	1400	5	2	1	1	1	1	96	100					
V11DDH-8	1400	1405	5	2	1	1	1	1	97	100					
V11DDH-8	1405	1410	5	2	1	1	1	1	98	100					
V11DDH-8	1410	1415	5	2	1	1	1	1	100	100					
V11DDH-8	1415	1420	5	2	1	1	1	1	100	100					
V11DDH-8	1420	1425	5	2	1	1	1	1	96	100					
V11DDH-8	1425	1430	5	2	1	1	1	1	98	100					
V11DDH-8	1430	1435	5	2	1	1	1	1	100	100					
V11DDH-8	1435	1440	5	2	1	1	1	1	87	100					
V11DDH-8	1440	1445	5	2	1	1	3	1	100	100	5214	1440	1444	4	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1445	1450	5	2	1	1	5	1	80	100	5215	1444	1448	7	5% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1450	1455	5	2	1	1	4	1	31	95	5216	1448	1455	5	4% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py, broken ground, fault zone
V11DDH-8	1455	1460	5	2	1	1	3	1	82	100	5217	1455	1460	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1460	1465	5	2	1	1	3	1	77	100	5218	1460	1465	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1465	1470	5	2	1	1	3	1	84	100	5219	1465	1470	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1470	1475	5	2	1	1	3	1	92	100	5220	1470	1475	5	3% qtz 0.1-1 cm @45-60 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1475	1480	5	2	1	1	1	1	87	100					
V11DDH-8	1480	1485	5	2	1	1	1	1	97	100					
V11DDH-8	1485	1490	5	2	1	1	1	1	100	100					
V11DDH-8	1490	1495	5	2	1	1	1	1	100	100					
V11DDH-8	1495	1500	5	2	1	1	1	1	100	100					
V11DDH-8	1500	1505	5	2	1	1	1	1	100	100					
V11DDH-8	1505	1510	5	2	1	1	1	1	100	100					
V11DDH-8	1510	1515	5	2	1	1	1	1	100	100					
V11DDH-8	1515	1520	5	2	1	1	1	1	92	100					
V11DDH-8	1520	1525	5	2	1	1	1	1	94	100					
V11DDH-8	1525	1530	5	2	1	1	1	1	100	100					
V11DDH-8	1530	1535	5	2	1	1	1	1	100	100					
V11DDH-8	1535	1540	5	2	1	1	9	1	93	100	5221	1534	1539	5	9% qtz 0.1-5 cm @15-66 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1540	1545	5	2	1	1	4	1	91	100	5222	1539	1534.8	4.8	4% qtz 0.1-2 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1545	1550	5	2	1	1	3	1	100	100	5223	1534.8	1548.5	14.7	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1550	1555	5	2	1	1	3	1	100	100	5224	1548.5	1553.6	5.1	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1555	1560	5	2	1	1	3	1	100	100	5225	1553.6	1558.8	5.2	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1560	1565	5	2	1	1	3	1	100	100	5226	1558.8	1564.5	5.7	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1565	1570	5	2	1	1	3	1	100	100	5227	1564.5	1569.5	5	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1570	1575	5	2	1	1	3	1	100	100	5228	1569.5	1575.5	6	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1575	1580	5	2	1	1	1	1	100	100					
V11DDH-8	1580	1585	5	2	1	1	1	1	100	100					
V11DDH-8	1585	1590	5	2	1	1	1	1	100	100					
V11DDH-8	1590	1595	5	2	1	1	1	1	100	100					
V11DDH-8	1595	1600	5	2	1	1	1	1	100	100					
V11DDH-8	1600	1605	5	2	1	1	1	1	100	100					
V11DDH-8	1605	1610	5	2	1	1	1	1	100	100					
V11DDH-8	1610	1615	5	2	1	1	1	1	100	100					
V11DDH-8	1615	1620	5	2	1	1	2	1	100	100	5229	1617	1622.2	5.2	3% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1620	1625	5	2	1	1	7	1	100	100	5230	1622.2	1627.5	5.3	7% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1625	1630	5	2	1	1	5	1	100	100	5231	1627.5	1632.8	5.3	5% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1630	1635	5	2	1	1	4	1	100	100	5232	1632.8	1638	5.2	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1635	1640	5	2	1	1	4	1	100	100	5233	1638	1642.8	4.8	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1640	1645	5	2	1	1	4	1	100	100	5234	1642.8	1647.5	4.7	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1645	1650	5	2	1	1	4	1	100	100	5235	1647.5	1652.3	4.8	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1650	1655	5	2	1	1	4	1	100	100	5236	1652.3	1657	4.7	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1655	1660	5	2	1	1	4	1	92	100	5237	1657	1661.5	4.5	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1660	1665	5	2	1	1	4	1	94	100	5238	1661.5	1666	4.5	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1665	1670	5	2	1	1	4	1	100	100	5239	1666	1670.5	4.5	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1670	1675	5	2	1	1	4	1	82	100	5240	1670.5	1675.1	4.6	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1675	1680	5	2	1	1	4	1	87	100	5241	1675.1	1679.7	4.6	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1680	1685	5	2	1	1	4	1	100	100	5242	1679.7	1684.3	4.6	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1685	1690	5	2	1	1	9	1	92	100	5243	1684.3	1688.8	4.5	9% qtz 0.1-3 cm @55-70 degrees to ca, 1% chl, 2% diss & frac fill py
V11DDH-8	1690	1695	5	2	1	1	4	1	95	100	5244	1688.8	1692.8	4	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1695	1700	5	2	1	1	4	1	100	100	5245	1692.8	1699	6.2	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1700	1705	5	2	1	1	4	1	89	100	5246	1699	1703.6	4.6	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py
V11DDH-8	1705	1708	3	2	1	1	4	1	82	100	5247	1703.6	1708	4.4	4% qtz 0.1-1 cm @55-70 degrees to ca, 1% chl, 1% diss & frac fill py

APPENDIX F- V11DDH-9 GEOLOGICAL DRILL HOLE LOG, Oct-Nov, 2011

DDH No	FROM ft	TO ft	WIDTH ft	Lithology	% Chlorite	% Carbonate	% Qtz vns	% sulphide	RQD (% >10 cm)	Recovery	Sample No	FROM ft	TO ft	WIDTH ft	Description
V11DDH-9	7	10	3	2	1	1	1	1	40	82					7-178 gneiss, grey colour (metasandstone)
V11DDH-9	10	15	5	2	1	1	1	1	47	88					
V11DDH-9	15	20	5	2	1	1	1	1	50	92					
V11DDH-9	20	25	5	2	1	1	1	1	60	96					
V11DDH-9	25	30	5	2	1	1	4	1	51	97	5248	29.5	34.5	5	4% qtz 0.1-1.5 cm @50-70 degrees to ca, 1% diss & frac fill py, trace limonite
V11DDH-9	30	35	5	2	1	1	4	2	45	94	5249	34.5	37.5	3	4% qtz 0.1-1.5 cm @50-65 degrees to ca, 2% diss & frac fill py, trace limonite, broken ground
V11DDH-9	35	40	5	2	1	1	5	2	66	99	5250	37.5	39	1.5	8% qtz 0.1-4.5 cm @50-60 degrees to ca, 2% diss & frac fill py, trace limonite, broken ground
V11DDH-9	40	45	5	2	1	1	1	1	54	89					
V11DDH-9	45	50	5	2	1	1	1	1	77	88					
V11DDH-9	50	55	5	2	1	1	1	1	84	100					
V11DDH-9	55	60	5	2	1	1	6	1	81	100	5251	58	63	5	6% qtz 0.1-1 cm @45-55 degrees to ca, 1% diss & frac fill py
V11DDH-9	60	65	5	2	1	1	9	1	92	100	5252	63	67.9	4.9	9% qtz 0.1-3 cm @45-55 degrees to ca, 1% diss & frac fill py
V11DDH-9	65	70	5	2	1	1	4	1	83	100	5253	67.9	72.8	4.9	4% qtz 0.1-1 cm @45-55 degrees to ca, 1% diss & frac fill py
V11DDH-9	70	75	5	2	1	1	5	1	78	100	5254	72.8	77.7	4.9	5% qtz 0.1-1 cm @45-55 degrees to ca, 1% diss & frac fill py
V11DDH-9	75	80	5	2	1	1	4	1	82	100	5255	77.7	82.5	4.8	4% qtz 0.1-1 cm @45-55 degrees to ca, 1% diss & frac fill py
V11DDH-9	80	85	5	2	1	1	1	1	62	99					
V11DDH-9	85	90	5	2	1	1	1	1	47	98					
V11DDH-9	90	95	5	2	1	1	1	1	58	100					
V11DDH-9	95	100	5	2	1	1	1	1	69	100					
V11DDH-9	100	105	5	2	1	1	1	1	88	100					
V11DDH-9	105	110	5	2	1	1	1	1	76	100					
V11DDH-9	110	115	5	2	1	1	1	1	78	100					
V11DDH-9	115	120	5	2	1	1	1	1	84	100					
V11DDH-9	120	125	5	2	1	1	3	1	62	99	5256	123	128	5	3% qtz 0.1-0.5 cm @45-65 degrees to ca, 1% diss & frac fill py
V11DDH-9	125	130	5	2	1	1	1	1	43	98					
V11DDH-9	130	135	5	2	1	1	1	1	88	100					
V11DDH-9	135	140	5	2	1	1	1	1	95	100					
V11DDH-9	140	145	5	2	1	1	3	1	79	100	5257	139	144.7	5.7	3% qtz 0.1-0.5 cm @45-60 degrees to ca, 1% chl,1% diss & frac fill py
V11DDH-9	145	150	5	2	1	1	1	1	62	99					
V11DDH-9	150	155	5	2	1	1	1	1	69	100					
V11DDH-9	155	160	5	2	1	1	1	1	81	100					
V11DDH-9	160	165	5	2	1	1	6	1	100	100	5258	164.2	166	1.8	12% qtz 0.1-4 cm @45-65 degrees to ca, 1% diss & frac fill py
V11DDH-9	165	170	5	2	1	1	1	1	91	100					
V11DDH-9	170	175	5	2	1	1	1	1	90	100					178-216 schist, grey-black colour (metapelite)
V11DDH-9	175	180	5	1 + 2		1	1	7	1	84	100	5259	176.3	179.3	3	10% qtz 0.1-8 cm @50-65 degrees to ca, 1% diss & frac fill py
V11DDH-9	180	185	5		1	1	1	2	1	88	100	5260	179.3	182.8	3.5	2% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py
V11DDH-9	185	190	5		1	1	1	1	1	92	100					
V11DDH-9	190	195	5		1	1	1	1	1	100	100					
V11DDH-9	195	200	5		1	1	1	1	1	100	100					
V11DDH-9	200	205	5		1	1	1	3	1	100	100	5261	202.5	209.4	6.9	3% qtz 0.1-1 cm @45-65 degrees to ca, 1% diss & frac fill py
V11DDH-9	205	210	5		1	1	1	1	1	76	100					
V11DDH-9	210	215	5		1	1	1	1	1	50	99					
V11DDH-9	215	220	5	1 + 2		1	1	1	1	55	100					
V11DDH-9	220	225	5		2	1	1	1	1	90	100				216-387 gneiss, grey colour (metasandstone)
V11DDH-9	225	230	5		2	1	1	5	1	85	100	5262	225	228	3	5% qtz 0.1-4 cm @40-65 degrees to ca, 1% diss & frac fill py
V11DDH-9	230	235	5		2	1	1	1	1	92	100					
V11DDH-9	235	240	5		2	1	1	1	1	77	100					
V11DDH-9	240	245	5		2	1	1	1	1	62	100					
V11DDH-9	245	250	5		2	1	1	1	1	65	100					
V11DDH-9	250	255	5		2	1	1	12	2	74	100	5263	253	258.3	5.3	12% qtz 0.1-5 cm @25-68 degrees to ca, 2% diss & frac fill py
V11DDH-9	255	260	5		2	1	1	4	2	86	100	5264	258.3	261.8	3.5	4% qtz 0.1-0.5 cm @25-68 degrees to ca, 2% diss & frac fill py
V11DDH-9	260	265	5		2	1	1	10	2	74	100	5265	261.8	263.3	1.5	16% qtz 0.1-8 cm @25-68 degrees to ca, 2% diss & frac fill py
V11DDH-9	265	270	5		2	1	1	1	1	88	100					
V11DDH-9	270	275	5		2	1	1	1	1	92	100					
V11DDH-9	275	280	5		2	1	1	4	1	84	100	5266	278	282.8	4.8	4% qtz 0.1-0.5 cm @45-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	280	285	5		2	1	1	1	1	90	100					
V11DDH-9	285	290	5		2	1	1	5	1	88	100	5267	286.3	291.6	5.3	5% qtz 0.1-0.5 cm @45-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	290	295	5		2	1	1	3	1	82	100	5268	291.6	296.9	5.3	3% qtz 0.1-0.5 cm @25-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	295	300	5		2	1	1	3	2	94	100	5269	296.9	302.2	5.3	3% qtz 0.1-0.5 cm @45-68 degrees to ca, 2% diss & frac fill py
V11DDH-9	300	305	5		2	1	1	4	1	61	100	5270	302.2	309	6.8	4% qtz 0.1-1.5 cm @50-60 degrees to ca, 1% diss & frac fill py, broken ground, fault zone, 1% clay
V11DDH-9	305	310	5		2	1	1	1	1	12	94					
V11DDH-9	310	315	5		2	1	1	4	1	18	96	5271	309	315	6	4% qtz 0.1-1.5 cm @50-60 degrees to ca, 1% diss & frac fill py, broken ground, fault zone, 1% clay
V11DDH-9	315	320	5		2	1	1	1	1	26	99					
V11DDH-9	320	325	5		2	1	1	3	1	30	100	5272	324.2	328.8	4.6	3% qtz 0.1-0.5 cm @28-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	325	330	5		2	1	1	5	1	60	100	5273	328.8	333.4	4.6	5% qtz 0.1-0.5 cm @28-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	330	335	5		2	1	1	7	1	58	100	5274	333.4	338	4.6	7% qtz 0.1-2.5 cm @28-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	335	340	5		2	1	1	8	1	71	100	5275	338	342.5	4.5	8% qtz 0.1-2.5 cm @28-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	340	345	5		2	1	1	1	1	58	100					
V11DDH-9	345	350	5		2	1	1	1	1	69	100					
V11DDH-9	350	355	5		2	1	1	1	1	70	100					
V11DDH-9	355	360	5		2	1	1	1	1	65	100					
V11DDH-9	360	365	5		2	1	1	1	1	31	97					
V11DDH-9	365	370	5		2	1	1	8	1	44	98					
V11DDH-9	370	375	5		2	1	1	1	1	38	99	5276	370.1	376	5.9	8% qtz 0.1-1.5 cm @40-60 degrees to ca, 1% diss & frac fill py, broken ground, fault zone, 0.1% clay
V11DDH-9	375	380	5		2	1	1	1	1	35	99					
V11DDH-9	380	385	5		2	1	1	1	1	56	100					387-399 schist, grey-black colour (metapelite)
V11DDH-9	385	390	5	1 + 2		1	1	8	1	29	99	5277	387	393	6	8% qtz 0.1-1.5 cm @48-65 degrees to ca, 1% diss & frac fill py, broken ground, fault zone, 0.1% clay
V11DDH-9	390	395	5		1	1	1	5	1	36	99	5278	393	396.8	3.8	5% qtz 0.1-0.5 cm @45-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	395	400	5	1 +2		1	1	1	1	80	100					399-568 gneiss, grey colour (metasandstone)
V11DDH-9	400	405	5		2	1	1	1	1	92	100					
V11DDH-9	405	410	5		2	1	1	1	1	96	100					
V11DDH-9	410	415	5		2	1	1	3	1	90	100	5279	412.5	418	5.5	3% qtz 0.1-0.5 cm @48-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	415	420	5		2	1	1	3	2	80	100	5280	418	422.7	4.7	3% qtz 0.1-0.5 cm @50-68 degrees to ca, 2% diss & frac fill py
V11DDH-9	420	425	5		2	1	1	12	2	92	100	5281	422.7	427.5	4.8	12% qtz 0.1-8 cm @48-68 degrees to ca, 2% diss & frac fill py, pyo
V11DDH-9	425	430	5		2	1	1	1	1	83	100					
V11DDH-9	430	435	5		2	1	1	1	1	87	100					
V11DDH-9	435	440	5		2	1	1	1	1	90	100					
V11DDH-9	440	445	5		2	1	1	1	1	89	100					
V11DDH-9	445	450	5		2	1	1	1	1	80	100					
V11DDH-9	450	455	5		2	1	1	5	1	92	100	5282	456	463.5	7.5	5% qtz 0.1-0.5 cm @50-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	455	460	5		2	1	1	10	1	38	99	5283	463.5	467	3.5	10% qtz 0.1-5.5 cm @48-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	460	465	5		2	1	1	7	1	52	100	5284	469.5	473.2	3.7	7% qtz 0.1-2.5 cm @50-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	465	470	5		2	1	1	1	1	79	100					
V11DDH-9	470	475	5		2	1	1	1	1	90	100					
V11DDH-9	475	480	5		2	1	1	1	1	72	100					
V11DDH-9	480	485	5		2	1	1	1	1	93	100					
V11DDH-9	485	490	5		2	1	1	1	1	95	100					
V11DDH-9	490	495	5		2	1	1	9	2	89	100					12% qtz 0.1-3.5 cm @48-68 degrees to ca, 2% diss & frac fill py
V11DDH-9	495	500	5		2	1	1	1	1	88	100					
V11DDH-9	500	505	5		2	1	1	1	1	92	100					
V11DDH-9	505	510	5		2	1	1	1	1	80	100					
V11DDH-9	510	515	5		2	1	1	1	1	98	100					
V11DDH-9	515	520	5		2	1	1	1	1	84	100					
V11DDH-9	520	525	5		2	1	1	1	1	78	100					
V11DDH-9	525	530	5		2	1	1	1	1	72	100	5286	546.3	549	2.7	5% qtz 0.1-0.5 cm @50-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	530	535	5		2	1	1	1	1	85	100					
V11DDH-9	535	540	5		2	1	1	1	1	98	100					
V11DDH-9	540	545	5		2	1	1	1	1	90	100	5287	562.5	566	3.5	4% qtz 0.1-1.5 cm @58-68 degrees to ca, 1% diss & frac fill py
V11DDH-9	545	550	5		2	1	1	5	1	89	100	5288	566	568	2	7% qtz 0.1-1.5 cm @58-68 degrees to ca, 2% diss & frac fill py
V11DDH-9	550	555	5		2	1	1	1	1	95	100	5289	568	572.5	4.5	4% qtz 0.1-1.5 cm @58-68 degrees to ca, 1% cal, 1% diss & frac fill py, pyo
V11DDH-9	555	560	5		2	1	1	1	1	100	100					568-678 amphibolite (metavolcanic), light grey to green colour
V11DDH-9	560	565	5		2	1	1	4	1	100	100					
V11DDH-9	565	570	5	2 + 3		1	1	7	2	100	100					
V11DDH-9	570	575	5		3	1	2	4	1	100	100					
V11DDH-9	575	580	5		3	1	2	1	1	100	100					
V11DDH-9	580	585	5		3	1	2	1	1	100	100					
V11DDH-9	585	590	5		3	1	2	1	1	100	100					
V11DDH-9	590	595	5		3	1	2	1	1	100	100					
V11DDH-9	595	600	5		3	1	2	1	1	100	100					
V11DDH-9	600	605	5		3	1	2	1	1	100	100					
V11DDH-9	605	610	5		3	1	2	1	1	100	100					
V11DDH-9	610	615	5		3	1	2	1	1	90	100					
V11DDH-9	615	620	5		3	1	2	1	1	95	100					
V11DDH-9	620	625	5		3	1	2	1	1	100	100					
V11DDH-9	625	630	5		3	1	2	1	1	100	100					
V11DDH-9	630	635	5		3	1	2	1	1	100	100					
V11DDH-9	635	640	5		3	1	2	1	1	100	100					
V11DDH-9	640	645	5		3	1	2	1	1	100	100					
V11DDH-9	645	650	5		3	1	2	1	1	100	100					
V11DDH-9	650	655	5		3	1	2	1	1	100	100					
V11DDH-9	655	660	5		3	1	2	1	1	89	100	5290	659.5	661.8	2.3	4% qtz 0.1-1.5 cm @58-68 degrees to ca, 1% cal, 1% diss & frac fill py, pyo
V11DDH-9	660	665	5		3	1	2	4	1	100	100					
V11DDH-9	665	670	5		3	1	2	1	1	93	100	5291	673	678	5	4% qtz 0.1-1.5 cm @58-68 degrees to ca, 1% cal, 1% diss & frac fill py, pyo
V11DDH-9	670	675	5		3	1	2	4	1	100	100					
V11DDH-9	675	678	3		3	1	2	1	1							