BRITISH COLUMBIA

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

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]: Diamond Drilling, Geological, Geochemical

TOTAL COST: $ 60,901.00

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

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-8-236 YEAR OF WORK: 2009

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S): 4614751

PROPERTY NAME: Valentine Mountain

CLAIM NAME(S) (on which work was done): 506801, 549333

COMMODITIES SOUGHT: Au, Ag

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

MINING DIVISION: Victoria NTS: 92B 12/W BCGS 092B.051

LATITUDE 48 ° 30 ' 56 " LONGITUDE 123 ° 59 ' 00 " (at centre of work)

OWNER(S)

1) Mill Bay Ventures Inc 2)

MAILING ADDRESS

400-455 Granville St
Vancouver BC V6C 1T1

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 gneiss and schist metaseds and amphibolite metavolcanic are intruded by intermediate composition sills and dykes (Eocene and younger). Late stage qtz-sulphide veins (2-50 cm wide) contain variable pyrite, pyrrhotite, arsenopyrite, and chalcopyrite and rare Native Au.

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

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock	154, 30 ICP & Au Geochemistry	506801, 549333	8,683.00
Other			
DRILLING (total metres; number of holes, size)			
Core	544.68 m, 5 BQTW (1½")	506801, 549333	52,218.00
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	60,901.00

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 506801, 549333
VALENTINE MOUNTAIN AREA
SOOKE , B.C.

VICTORIA MINING DIVISION

FOR

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

BY

ANDRIS KIKAUKA, P. GEO.
406-4901 EAST SOOKE RD.,
SOOKE, B.C.
V9Z 1B6

March 1, 2010

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SUMMARY: Mill Bay Ventures Inc carried out 544.7 meters of BQTW core drilling on their 100% owned 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. Geochemical analysis of split core samples was done at Pioneer Labs Inc, Richmond, BC (Geochemical Analysis Certificate 2092531, Appendix A). 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)**

DISCOVERY NORTH-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). The amphibolite/schist contact related quartz-carbonate fissure veining is similar to the 'D' vein structure (Discovery Zone) located about 100 m south of Discovery North Zone. Drill hole V09DDH-5 was stopped short of the 'D' vein structure, however further drilling should be targeted on the 'D' vein structure collared 150 m south with a shallow angle holes aimed to north to intercept Discovery N (amphibolite schist contact zone) at depth. Additional drilling is recommended on depth extensions of 'C' vein structure and extended to 'D' vein structure at depth.

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 Dec 9-20, 2009 on the Valentine Mountain property. The report is intended to accompany a Statement of Work filed as a fulfillment of assessment work required to keep mineral tenures in good standing. The purpose of this report is to correlate current and past fieldwork in order to evaluate the 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). 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. Snowfall accumulations occur from December to February which generally affect 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	2010/jun/14	85.58
528190	JORDAN	108020 100%	Mineral	Claim	092B	2006/feb/13	2010/jun/14	427.81
528254	VM1	108020 100%	Mineral	Claim	092B	2006/feb/14	2010/jun/14	534.88
528255	VM2	108020 100%	Mineral	Claim	092B	2006/feb/14	2010/jun/14	85.60
528257	BB	108020 100%	Mineral	Claim	092B	2006/feb/15	2010/jun/14	42.78
528258	VM3	108020 100%	Mineral	Claim	092B	2006/feb/15	2010/jun/14	513.54
528261	CC	108020 100%	Mineral	Claim	092B	2006/feb/15	2010/jun/14	171.14
528263	VM4	108020 100%	Mineral	Claim	092B	2006/feb/15	2010/jun/14	213.96
528265	VM5	108020 100%	Mineral	Claim	092B	2006/feb/15	2010/jun/14	470.58
549331	VALENTINE	108020 100%	Mineral	Claim	092B	2007/jan/14	2010/jun/14	21.40
549333	VALENTINE MTN	108020 100%	Mineral	Claim	092B	2007/jan/14	2010/jun/14	256.75
549334	VALENTINE'S DAY MASSACRE	108020 100%	Mineral	Claim	092B	2007/jan/14	2010/jun/14	21.40
578140	VM6	108020 100%	Mineral	Claim	092B	2008/mar/08	2010/jun/14	320.90
582320	VALENTINE1	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	513.64
582322	VALENTINE NE	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	85.56
582326	VALENTINE2	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	534.76
582330	VALENTINE3	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	513.61
582334	VALENTINE4	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	534.66
582336	VALENTINE5	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	213.88
582337	VALENTINE6	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	427.93
582421	VM8	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	85.55
582422	VM9	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	128.31
582423	VM10	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	256.77
582443	VM11	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	513.21
582444	VM12	108020 100%	Mineral	Claim	092B	2008/apr/22	2010/jun/14	213.84

The total area of Mill Bay Ventures Inc Valentine Mountain claim group is 7,166.64 hectares (17,701.6 acres). Current work outlined in this report has not been applied to expiry dates of this mineral tenure list.

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:

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

ANALYZED FOR:	SAMPLE # 1 (223 lbs.)	SAMPLE # 2 (296 lbs.)
	FINES from 5 tons sluiced	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.)	SAMPLE #4 (3,287 lbs.)
	FINES from trench bottom	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 mesoscopic 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 rock	.083
"1" west wall	11	12	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 werel lout 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 each of these drill holes is listed in Appendix B. Significant intersections of gold-quartz vein systems 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 geophysics 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).

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 **2009 FIELDWORK**

6.1 **METHODS AND PROCEDURES**

A total of 544.7 m of diamond drilling was carried out with a Longyear 28 core drill using BQTW (1 and 5/8 inch diameter) drill rods. A total of 5 drill holes were collared on existing roads located 46 meters south of the east tip of the 'C' trench. A summary of core drill data is listed as follows:

Diamond Drill Hole Number	Final Depth	Azimuth	Dip	Split Core Sample Number Interval (From –To)	Total Split Core Samples
V09DDH-1	112.78 m	000	-51	From 252451-252469	19
V09DDH-2	48.77 m	000	-60	From 252471-252486	17
V09DDH-3	146.3 m	000	-50	From 252487-252500, 253351-253381	45
V09DDH-4	160.63 m	000	-50	From 253382-253408	27
V09DDH-5	76.2 m	180	-45	From 253409-253438	30

Mill Bay Ventures Inc carried out 544.7 meters of core drilling on their 100% owned Valentine Mtn Au project December 9-20, 2009. The diamond drilling was carried out by contract (Neill's Mining, Langford, BC). The total core drilled is 544.68 m. The drilling program consisted of 5 drill holes (#1, 2, 3 & 4 at Log Dam, #5 at Discovery North Zone), ranging from 160-527 feet (48.77-160.63 meters) in depth. A total of 138 core samples (which ranged from 1-10 ft or 0.305-3.048 m interval length) were split and geochemical analysis of the split core sample were done at Pioneer Labs Inc.., Richmond, BC (Geochemical Analysis Certificate 2092531). Core samples were logged and photographed by the writer shortly after the drilling was completed. Core was split in half using a core splitting vise (Appendix D). 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 Pioneer Labs Inc, Richmond, BC for 30 element ICP and 20 gram Au analysis.

6.2 DIAMOND DRILLING

The following table lists data for Dec, 2009 DDH-1 to 5 collar, direction and depth:

ddh no.	ddh easting	ddh northing	ddh elevation	ddh azimuth	ddh dip	depth (m)	depth (ft)	Zone Name
V09DDH-1	433342	5374364	786	0	-51	112.78	370	Log Dam
V09DDH-2	433407	5374388	782	0	-60	48.77	160	Log Dam
V09DDH-3	433256	5374321	761	0	-50	146.3	480	Log Dam
V09DDH-4	433218	5374339	775	0	-50	160.63	527	Log Dam
V09DDH-5	434546	5374410	802	180	-45	76.2	250	Discovery N
Log Dam	433425	5374410	787				total=	
						544.68	1787	

Geochemical analysis 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)**

DISCOVERY NORTH-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)**

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 alteration 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.

The Discovery North gold bearing mineral zone follows an east-west trend (dipping steeply south), adjacent to the contact between the amphibolite and schist rock unit. The amphibolite/schist 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 is similar to the 'D' vein structure (Discovery Zone) located about 100 m south of Discovery North Zone.

7.0 DISCUSSION OF RESULTS

The Log Dam is the location of 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).

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 compares favorably to Kolar, India (which boasts production of over 15 million tonnes @ 0.4 opt Au) whereby there are similar relationships of veins to metamorphosed mafic volcanic units. The Kolar veins contain native gold-pyrite-pyrrhotite-arsenopyrite-chalcopyrite-galena mineralization in a gangue of quartz-calcite-magnetite-ilmenite-tourmaline-biotite-garnet-dumortierite-hornblende-pyroxene-tremolite-epidote-chlorite which are hosted in a 12 km. long belt of Archean age metasediments and metavolcanics .

The continuity of the Kolar gold-bearing trends, their geological setting and mineral assemblages share many similarities to the Valentine Mountain gold trend, however the Valentine gold deposit was emplaced at a much younger age (Tertiary-Eocene?), and relative simplicity of vein mineral assemblages and alteration of the Valentine Mountain deposit suggest single-pass conditions along narrow channelways (Grove, 1990). These channelways 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

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 Zone is characterized by 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 and are listed as follows:

V09DDH-2: interval 16.7-18.3 m **(length 1.5 m) 0.52 grams/tonne Au**

V09DDH-3: interval 88.4-89.9 m **(length 1.5 m) 0.83 grams/tonne Au**

Additional drilling is recommended on strike, east and west of the 4 holes (V09DDH-1 to 4) to trace gold-bearing mineralization in the 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). Gold values >0.5 g/t Au in split core samples from drill hole 5 are hosted in silicified schist (metasediment) and are listed as follows:

V09DDH-5: interval 22.3-22.6 m (length 0.3m) 0.62 grams/tonne Au

Amphibolite/schist contact related quartz-carbonate fissure veining in Discovery N Zone is similar to the 'D' vein structure (Discovery Zone) located about 100 m south on the south contact of the amphibolite. Drill hole V09DDH-5 was stopped short of the 'D' vein structure, however further drilling should be targeted on the 'D' vein structure collared 150 m south with a shallow angle holes aimed to north. Additional drilling is also recommended on depth extensions of 'C' vein structure.

A program of approximately 1,000 meters (3,280 feet) of core drilling, and detailed geological mapping and surveying of the "Discovery Zone" (east and west of the of the core storage site) and "Log Dam Zone" would have potential to expand the known ore reserve (budget approximately $120,000). The objective of the proposed drill program is to outline extensions and discover new high grade auriferous ore shoots in order to substantially increase indicated and inferred gold resource.

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STATEMENT OF QUALIFICATIONS

I, Andris Kikauka, of 4901 East Sooke Rd., Sooke B.C. V0S 1NO 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 December 9-20, 2009 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.,

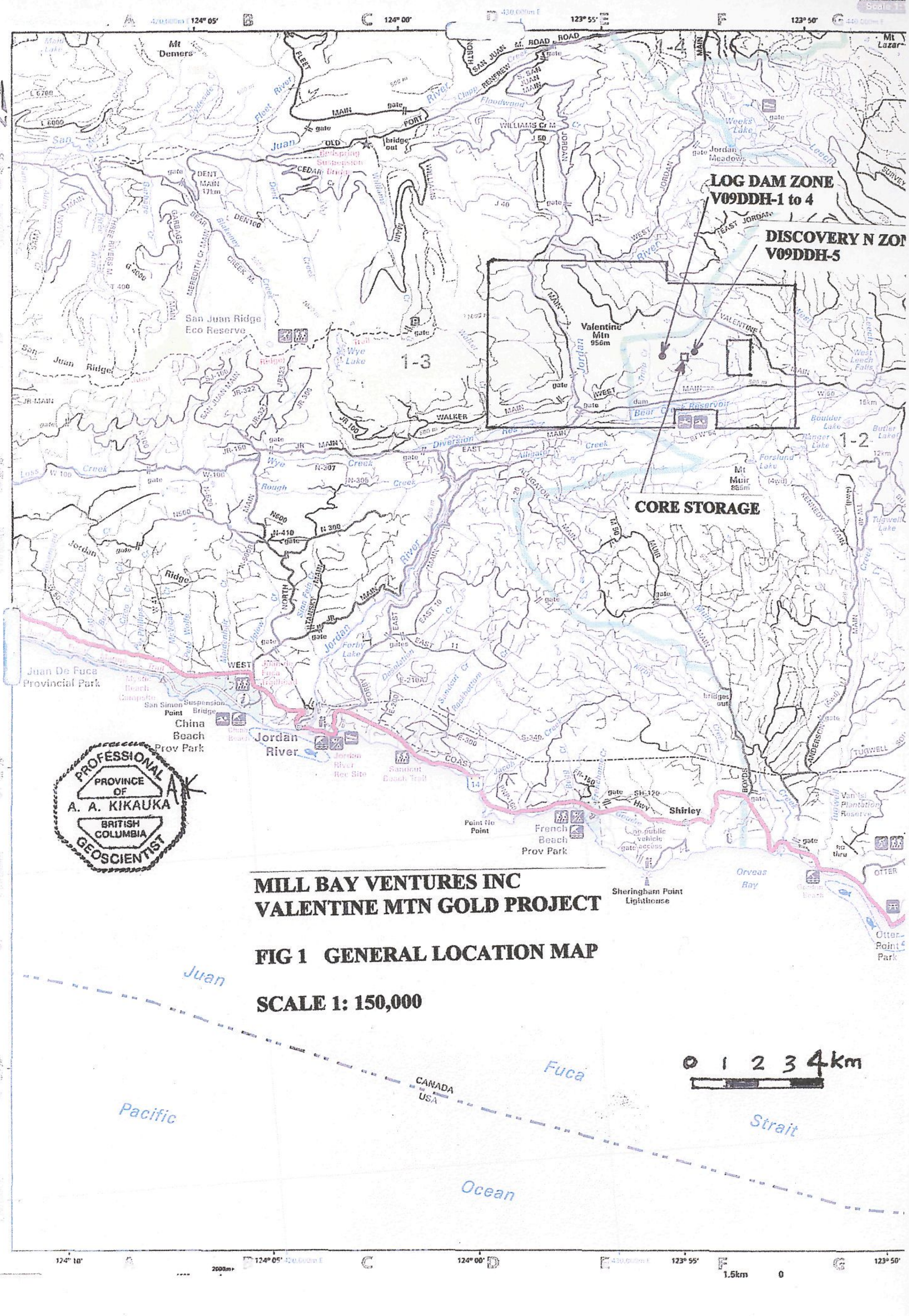
Andris Kikauka

March 1, 2010

ITEMIZED COST STATEMENT-

VALENTINE MOUNTAIN GOLD PROJECT- MILL BAY VENTURES INC,
544.68 m CORE DRILLING, SPLIT CORE SAMPLING, GEOCHEMICAL ANALYSIS
CARRIED OUT ON MTO MINERAL TENURE NUMBERS 575069, 575070
TRIM 092B.051, VICTORIA MINING DIVISION
DECEMEBER 9-20, 2009

FIELD CREW:	
Andris Kikauka, geologist 12 days	$ 5,050.00
FIELD COST:	
Mob/demob	2,050.00
Pioneer Labs, 138 ICP and Au geochemical analysis	3,633.00
Vehicle and fuel costs	938.00
Core drilling (544.68 m, by contract, Neill's Drilling Ltd)	49,180.00
Report	1,050.00
Total amount=	$ 60,901.00

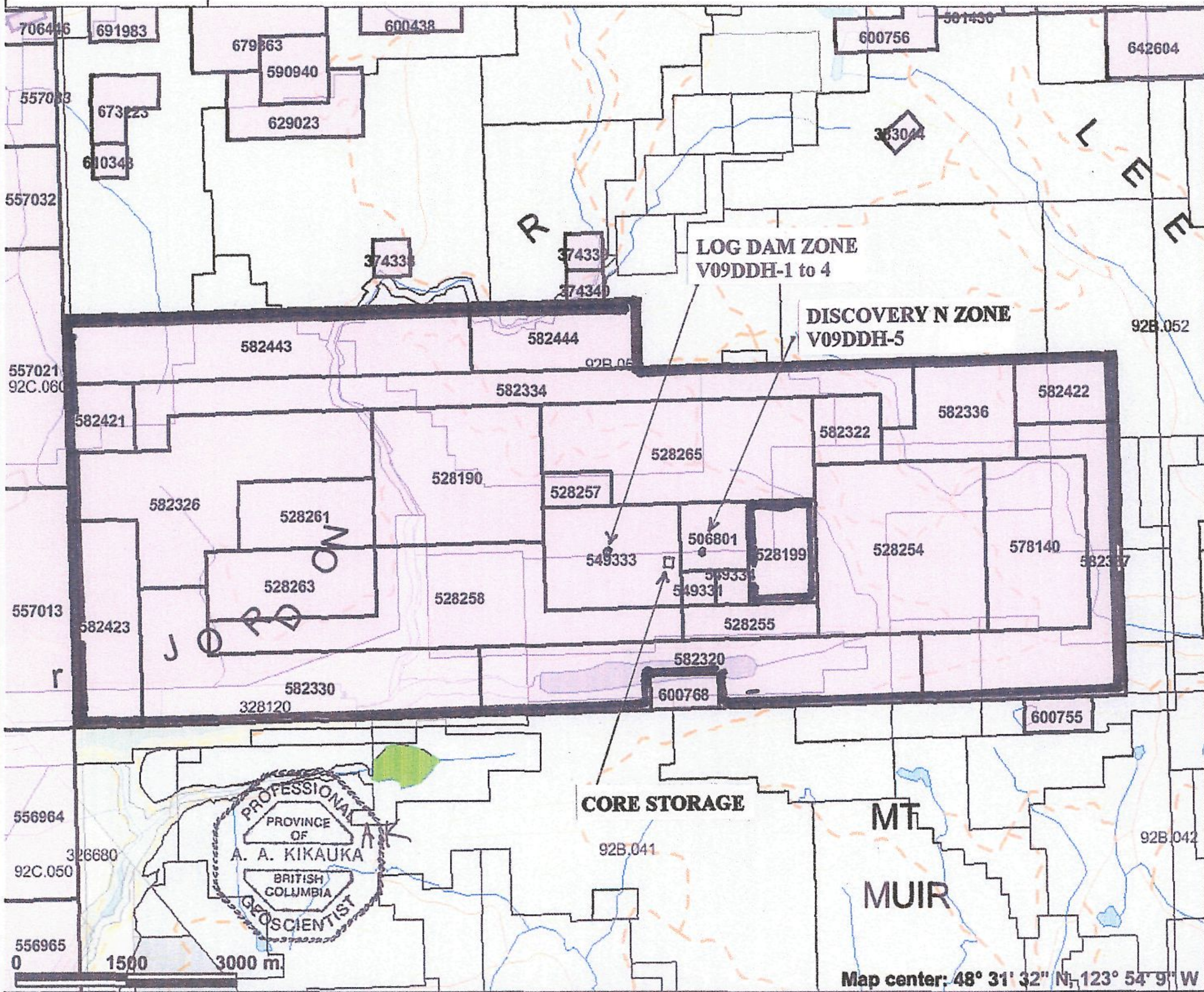


MILL BAY VENTURES INC
VALENTINE MTN GOLD PROJECT

FIG 1 GENERAL LOCATION MAP

SCALE 1: 150,000

Fig 2 Mill Bay Ventures Inc Mineral Tenures



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Mapsheets 092B.051 and 092B.041

MILL BAY VENTURES INC
VALENTINE MTN GOLD PROJECT

Valentine Mtn Log Dam , Discovery N 2009 DDH Locations

Longitude 123 54' 00"W

First Nations Layers

- Aboriginal Communities

Parks Layers

- BC Parks (July 2004) outline (<1M)

Mineral Inventory Layers

- MINFILE name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

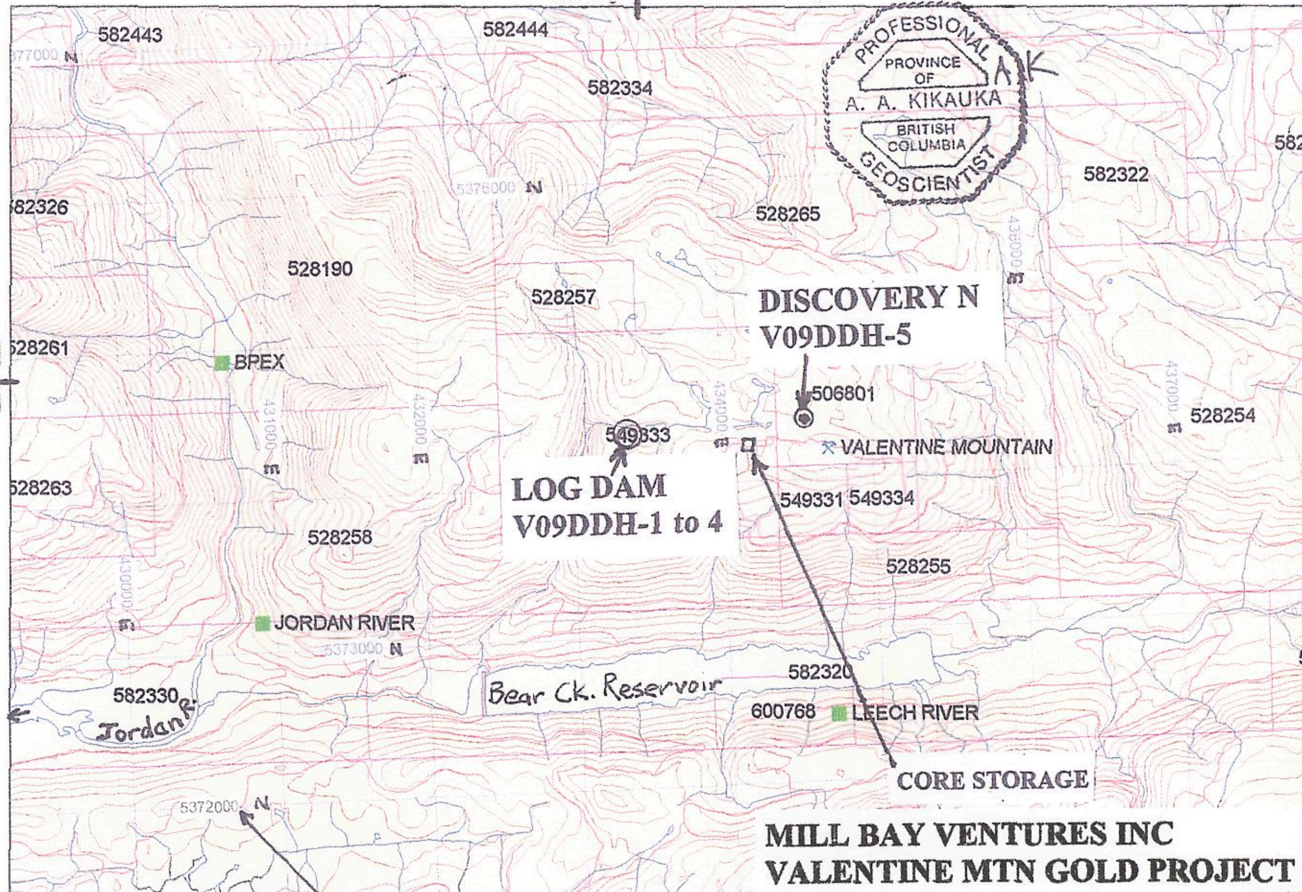
MTO Mineral Titles Layers

- MTO Mineral Claim Outlines
  - Mineral with 6 digit tenure number

Topographic Layers

- Roads 1:20K undefined
- Contour labels 1:20K (<50K)
- Contours east 1:20K (<100K)
- Lakes 1:20K (<100K)
- Rivers 1:20K (<100K)

Latitude 48 31' 30"N



SCALE 1 : 50,000

5,000 0 5,000 10,000 15,000

FEET

0 1 2 Km

N

UTM GRID ZONE 10 (NAD 83)

MILL BAY VENTURES INC.,
544.7 m CORE DRILLING
COMPLETED DEC 9-20, 09

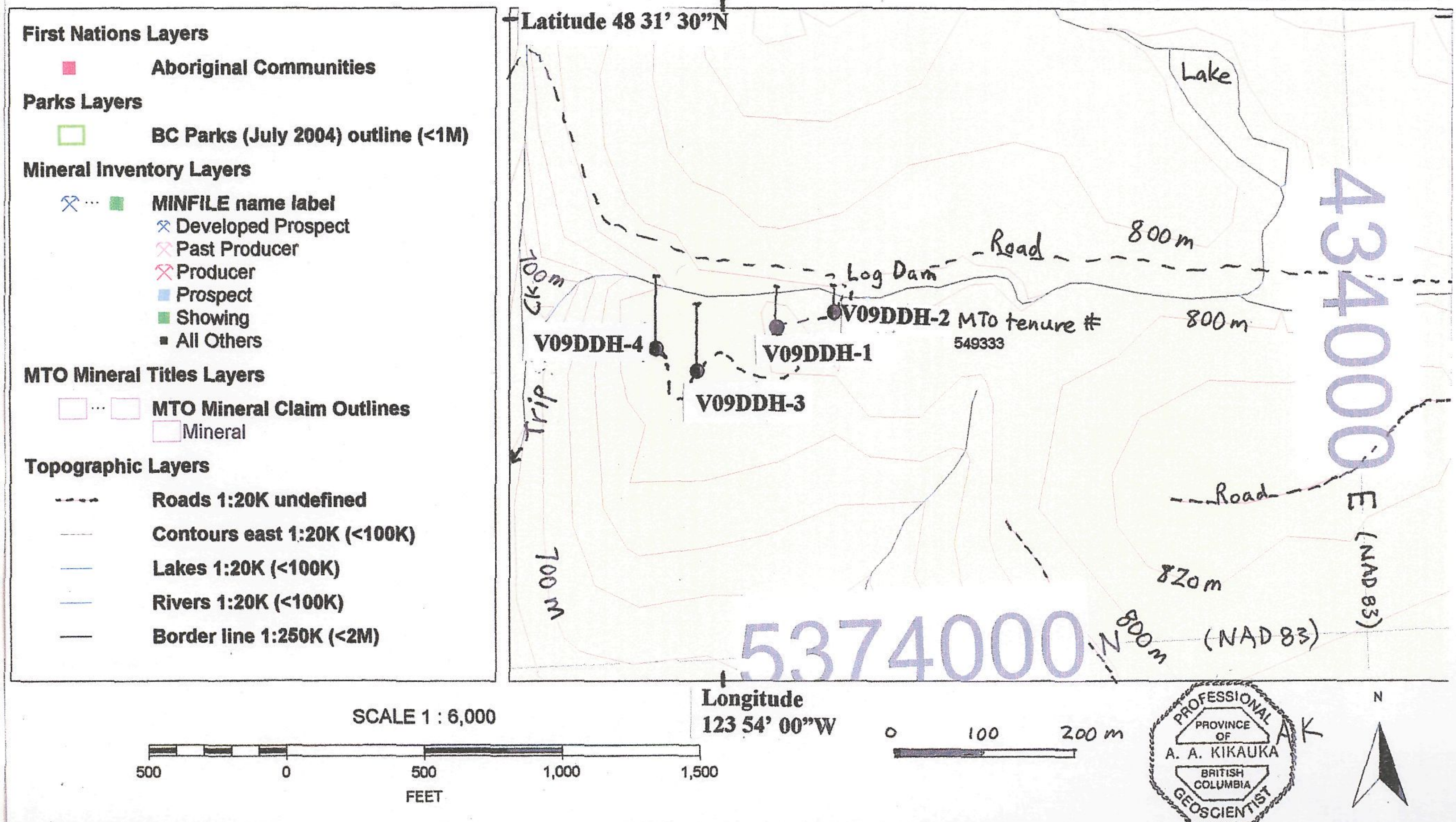
FIG 3 LOG DAM, DISCOVERY N ZONES 2009 DDH LOCATION MAP

Valentine Mtn Log Dam 2009 DDH Locations

MILL BAY VENTURES INC
VALENTINE MTN GOLD PROJECT

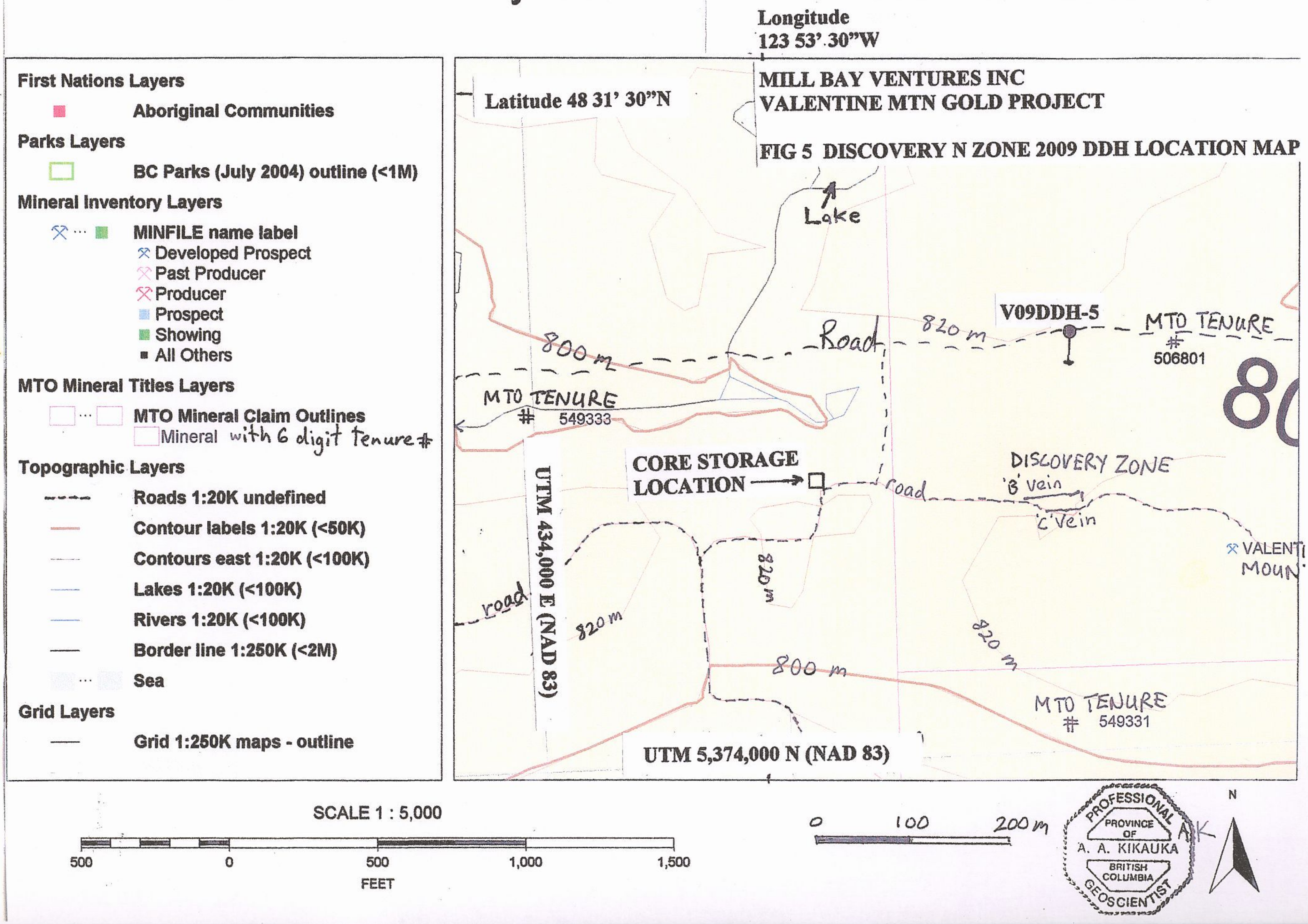
FIG 4 LOG DAM ZONE 2009 DDH LOCATION MAP

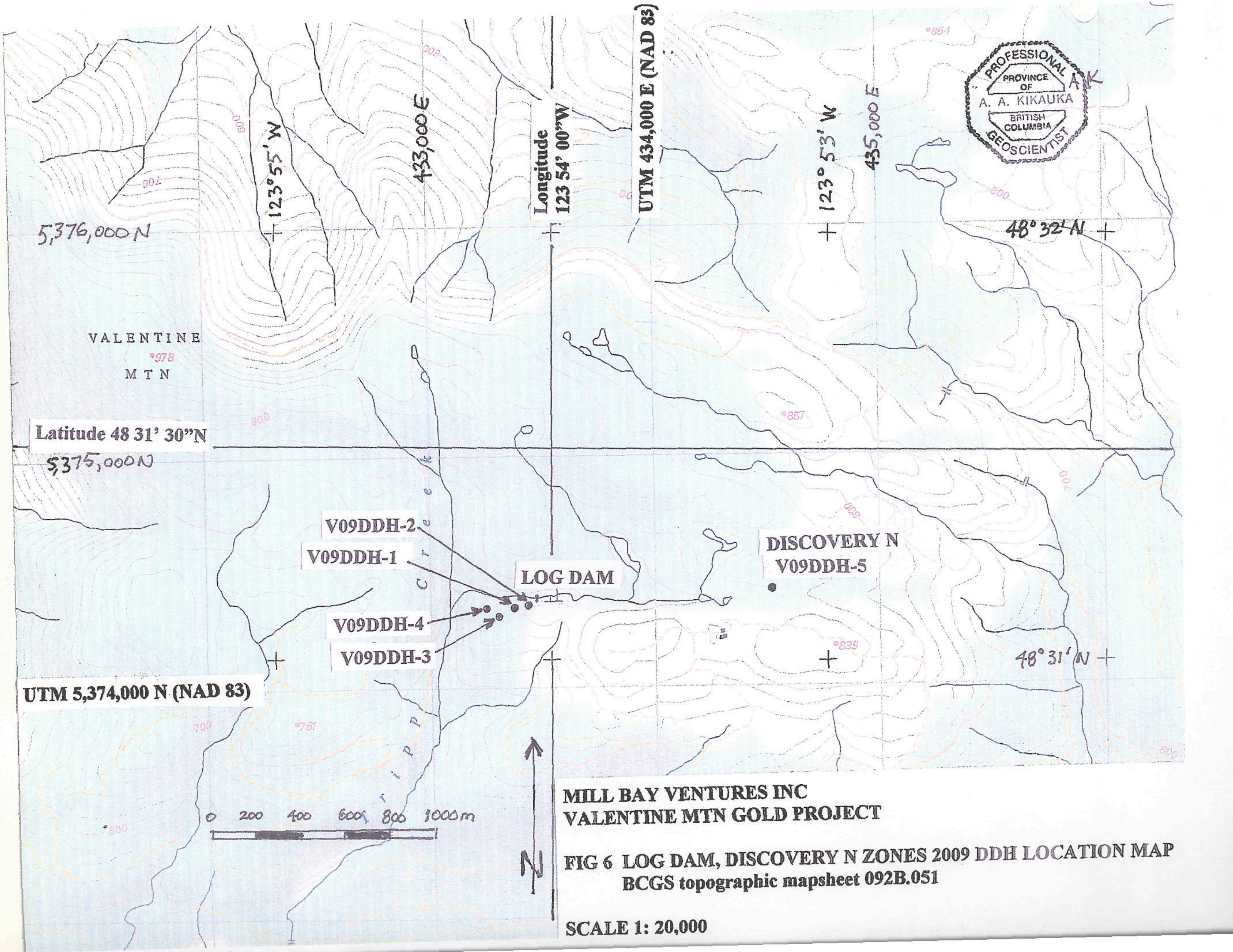
Longitude
123 54' 00"W



Valentine Mtn Discovery North

2009 DDH Locations

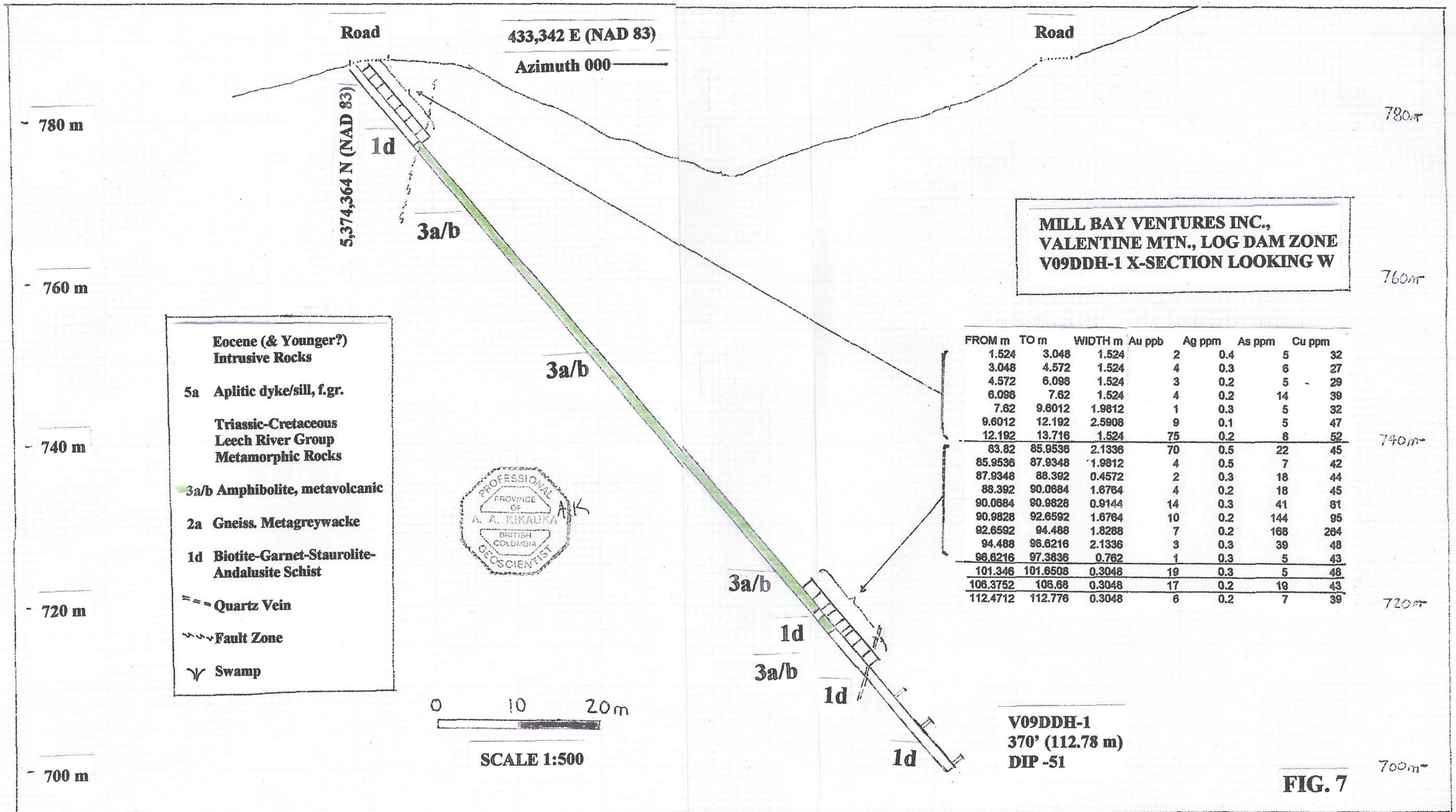




MILL BAY VENTURES INC
VALENTINE MTN GOLD PROJECT

FIG 6 LOG DAM, DISCOVERY N ZONES 2009 DDH LOCATION MAP
BCGS topographic mapsheet 092B.051

SCALE 1: 20,000



FROM m	TO m	WIDTH m	Au ppb	Ag ppm	As ppm	Cu ppm
1.524	3.048	1.524	2	0.4	5	32
3.048	4.572	1.524	4	0.3	6	27
4.572	6.096	1.524	3	0.2	5	29
6.096	7.62	1.524	4	0.2	14	39
7.62	9.6012	1.9812	1	0.3	5	32
9.6012	12.192	2.5908	9	0.1	5	47
12.192	13.716	1.524	75	0.2	8	52
83.82	85.9536	2.1336	70	0.5	22	45
85.9536	87.9348	1.9812	4	0.5	7	42
87.9348	88.392	0.4572	2	0.3	18	44
88.392	90.0684	1.6764	4	0.2	18	45
90.0684	90.9828	0.9144	14	0.3	41	81
90.9828	92.6592	1.6764	10	0.2	144	95
92.6592	94.488	1.8288	7	0.2	168	264
94.488	96.6216	2.1336	3	0.3	39	48
96.6216	97.3836	0.762	1	0.3	5	43
101.346	101.6508	0.3048	19	0.3	5	48
106.3752	106.68	0.3048	17	0.2	19	43
112.4712	112.776	0.3048	6	0.2	7	39

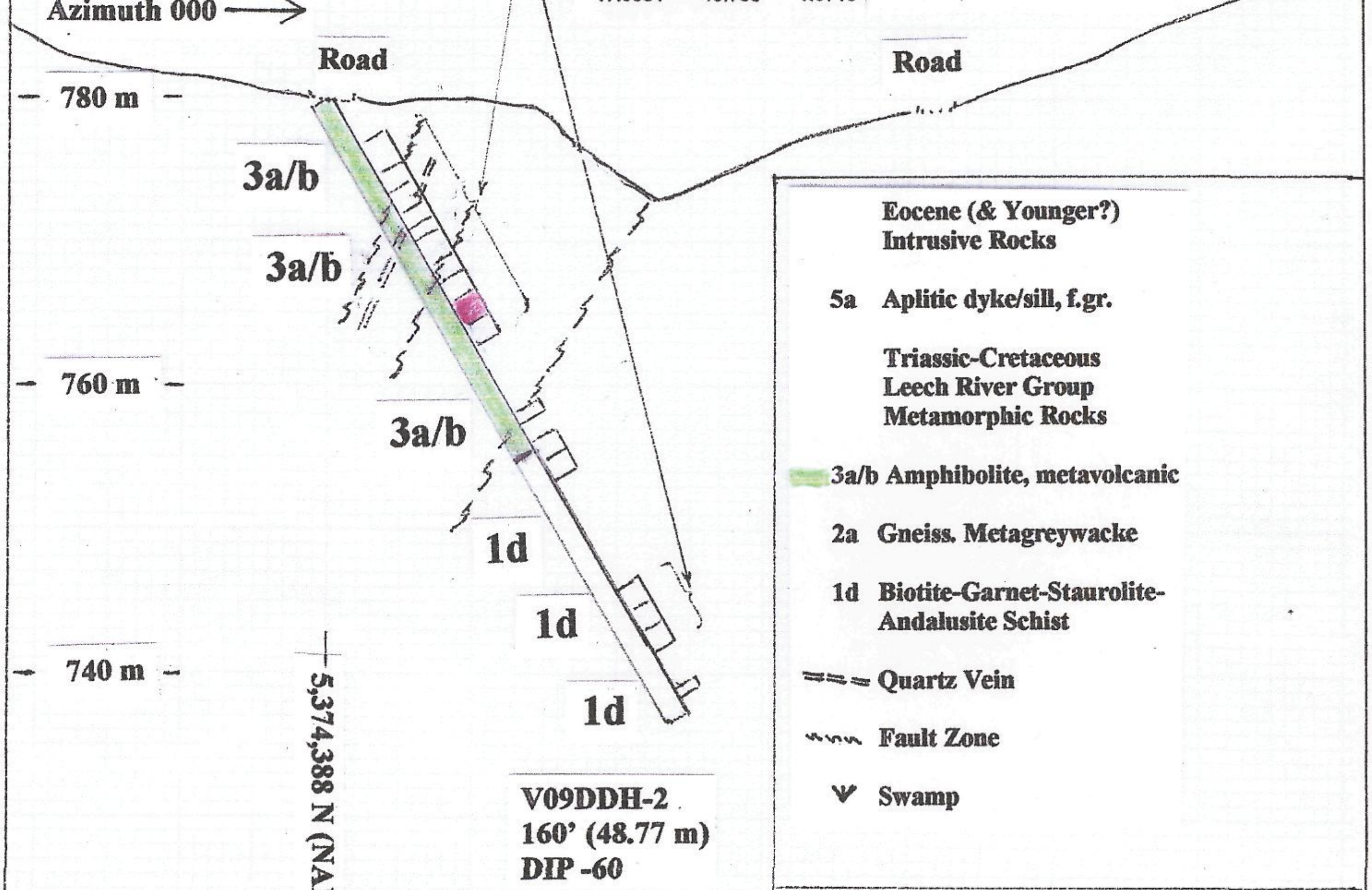
FIG. 7

FROM m	TO m	WIDTH m	Au ppb	Ag ppm	As ppm	Cu ppm
3.9624	6.096	2.1336	1	0.3	8	74
6.096	7.62	1.524	8	0.3	5	50
7.62	9.144	1.524	7	0.2	5	69
9.144	9.7536	0.6096	56	0.7	6	70
9.7536	11.2776	1.524	22	0.8	5	53
11.2776	13.716	2.4384	1	0.3	8	30
13.716	14.7828	1.0668	34	0.4	13	43
14.7828	16.764	1.9812	5	0.3	6	51
16.764	18.288	1.524	520	0.8	18	54
18.288	19.812	1.524	245	1.1	7	39
25.146	25.7556	0.6096	7	0.1	17	38
27.6892	29.718	1.8288	9	0.5	6	39
29.718	30.48	0.762	27	0.6	18	40
39.624	41.148	1.524	5	0.5	12	51
41.148	42.672	1.524	12	4.3	28	66
42.672	44.6532	1.9812	5	0.4	22	56
47.3984	48.768	1.3716	5	0.2	70	29

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
A. A. KIKAUKA
AK

433,407 E (NAD 83)

Azimuth 000 →



MILL BAY VENTURES INC., VALENTINE MTN., LOG DAM ZONE V09DDH-2 X-SECTION LOOKING W

0 10 20 m

SCALE 1:500

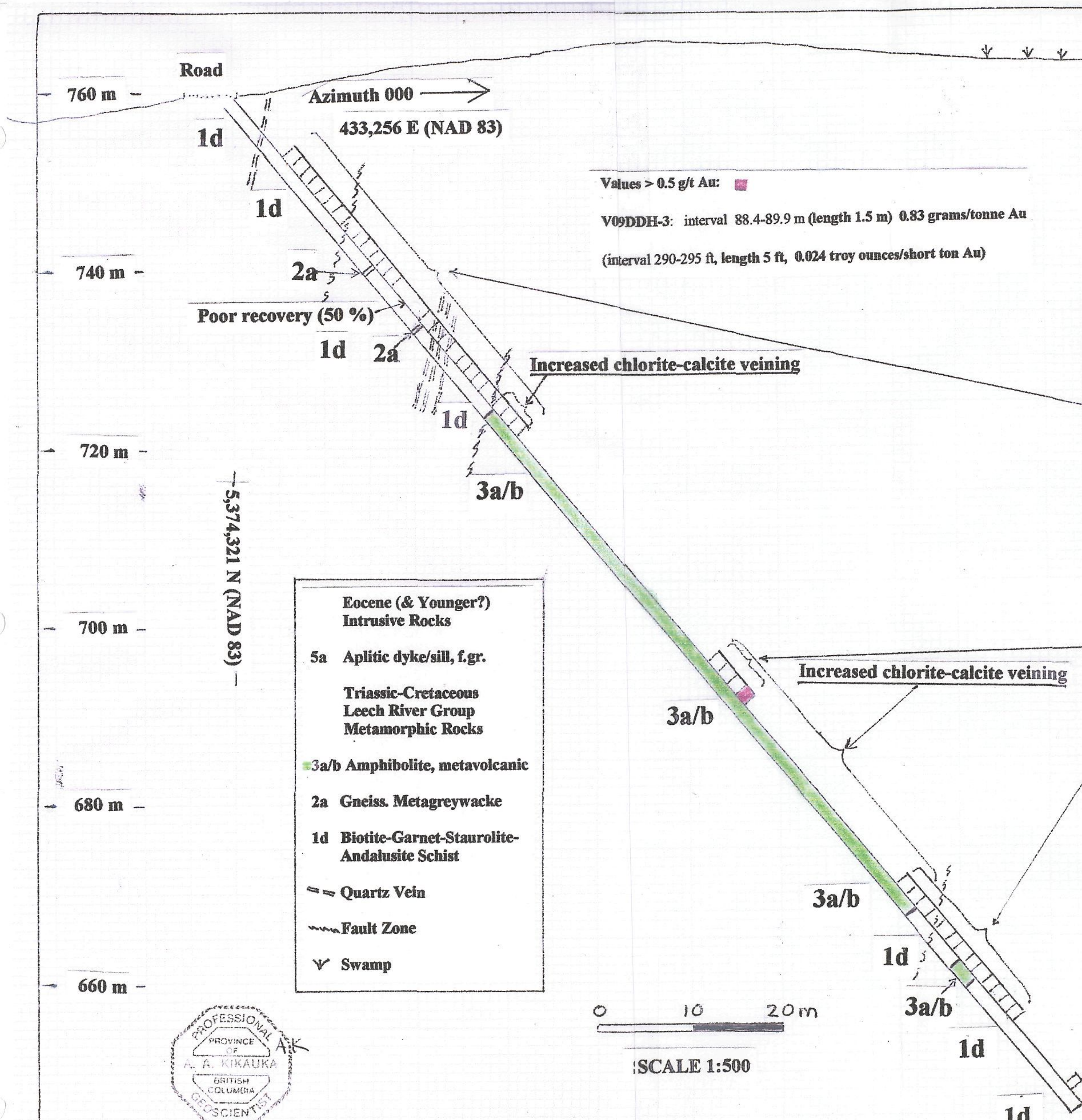
700 m

Values > 0.5 g/t Au :

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)

FIG. 8

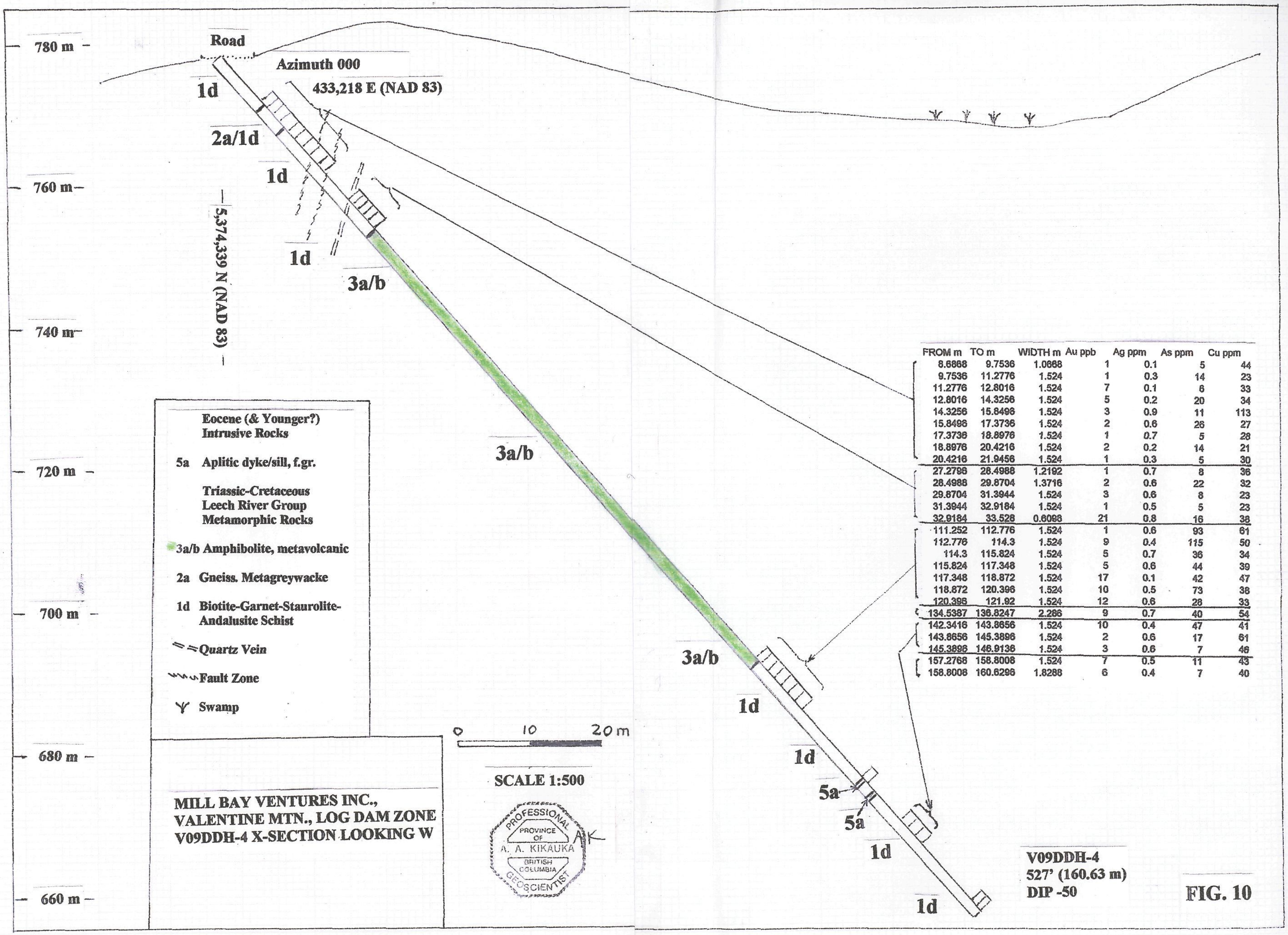


FROM m	TO m	WIDTH m	Au ppb	Ag ppm	As ppm	Cu ppm
5.4864	5.9436	0.4572	1	0.4	12	27
9.7536	11.2776	1.524	2	0.3	19	57
11.2776	12.8016	1.524	5	0.4	5	73
12.8016	14.3256	1.524	1	0.2	5	60
14.3256	15.8496	1.524	1	0.3	23	68
15.8496	17.3736	1.524	2	0.3	33	59
17.3736	18.8976	1.524	1	0.5	5	50
18.8976	20.4216	1.524	13	0.4	5	58
20.4216	22.5552	2.1336	1	0.2	6	55
22.5552	23.9268	1.3716	3	0.2	5	41
23.9268	24.9936	1.524	1	0.3	5	40
24.9936	26.5176	1.524	1	0.4	5	37
26.5176	28.0416	1.524	1	0.2	6	33
28.0416	29.5656	1.524	2	0.3	5	23
29.5656	32.6136	3.048	6	0.4	5	29
32.6136	34.1376	1.524	5	0.2	7	25
34.1376	35.6616	1.524	13	0.3	5	43
35.6616	37.1856	1.524	16	0.2	25	30
37.1856	38.7096	1.524	1	0.3	6	36
38.7096	40.2336	1.524	1	0.4	5	41
40.2336	41.7576	1.524	1	0.3	5	30
41.7576	43.2816	1.524	1	0.2	5	54
43.2816	44.8056	1.524	1	0.2	18	50
44.8056	46.3296	1.524	1	0.3	5	32
46.3296	47.8536	1.524	1	0.2	5	39
47.8536	49.3776	1.524	12	0.3	20	58
49.3776	50.9016	1.524	24	0.4	6	50
83.82	85.344	1.524	13	0.2	5	39
85.344	86.868	1.524	12	0.4	7	23
86.868	88.392	1.524	60	0.2	14	61
88.392	89.916	1.524	825	0.8	6	54
115.824	117.348	1.524	7	0.2	10	57
117.348	118.872	1.524	1	0.3	5	51
118.872	120.396	1.524	1	0.4	11	58
120.396	121.92	1.524	1	0.2	5	54
121.92	123.444	1.524	1	0.4	33	48
123.444	124.968	1.524	1	0.2	31	35
124.968	126.492	1.524	1	0.3	9	32
126.492	128.016	1.524	2	0.2	5	53
128.016	129.54	1.524	14	0.4	30	536
129.54	131.064	1.524	1	0.3	66	49
131.064	132.588	1.524	1	0.3	57	50
132.588	134.112	1.524	1	0.2	21	57
134.112	135.636	1.524	1	0.4	30	46
144.78	146.304	1.524	1	0.3	18	50

MILL BAY VENTURES INC.,
VALENTINE MTN., LOG DAM ZONE
V09DDH-3 X-SECTION LOOKING W

V09DDH-3
480' (146.3 m)
DIP -50

FIG. 9



FROM m	TO m	WIDTH m	Au ppb	Ag ppm	As ppm	Cu ppm
8.6868	9.7536	1.0668	1	0.1	5	44
9.7536	11.2776	1.524	1	0.3	14	23
11.2776	12.8016	1.524	7	0.1	6	33
12.8016	14.3256	1.524	5	0.2	20	34
14.3256	15.8496	1.524	3	0.9	11	113
15.8496	17.3736	1.524	2	0.6	26	27
17.3736	18.8976	1.524	1	0.7	5	28
18.8976	20.4216	1.524	2	0.2	14	21
20.4216	21.9456	1.524	1	0.3	5	30
27.2796	28.4988	1.2192	1	0.7	8	36
28.4988	29.8704	1.3716	2	0.6	22	32
29.8704	31.3944	1.524	3	0.6	8	23
31.3944	32.9184	1.524	1	0.5	5	23
32.9184	33.528	0.6096	21	0.8	16	38
111.252	112.776	1.524	1	0.6	93	61
112.776	114.3	1.524	9	0.4	115	50
114.3	115.824	1.524	5	0.7	36	34
115.824	117.348	1.524	5	0.6	44	39
117.348	118.872	1.524	17	0.1	42	47
118.872	120.396	1.524	10	0.5	73	38
120.396	121.92	1.524	12	0.6	28	33
134.5387	136.8247	2.286	9	0.7	40	54
142.3416	143.8656	1.524	10	0.4	47	41
143.8656	145.3896	1.524	2	0.6	17	61
145.3896	146.9136	1.524	3	0.6	7	46
157.2768	158.8008	1.524	7	0.5	11	43
158.8008	160.6296	1.8288	6	0.4	7	40

Eocene (& Younger?) Intrusive Rocks

5a Aplitic dyke/sill, f.gr.

Triassic-Cretaceous Leech River Group Metamorphic Rocks

3a/b Amphibolite, metavolcanic

2a Gneiss. Metagreywacke

1d Biotite-Garnet-Staurolite-Andalusite Schist

Quartz Vein

Fault Zone

Swamp

SCALE 1:500

**MILL BAY VENTURES INC.,
VALENTINE MTN., LOG DAM ZONE
V09DDH-4 X-SECTION LOOKING W**

PROFESSIONAL PROVINCE OF A. A. KIKAUKA BRITISH COLUMBIA GEOSCIENTIST

V09DDH-4
527' (160.63 m)
DIP -50

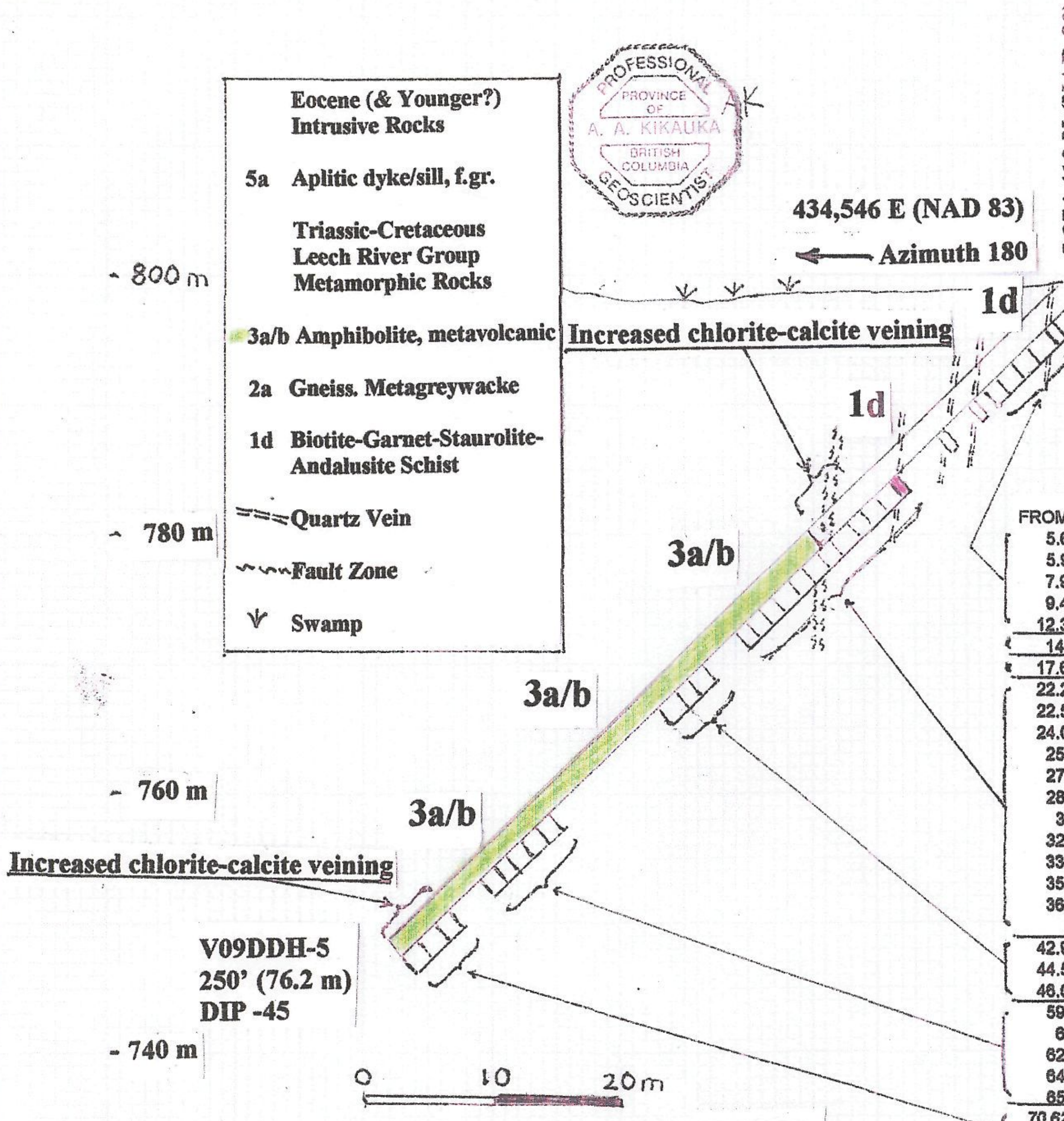
FIG. 10

Values > 0.5 g/t Au: ■

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)

MILL BAY VENTURES INC.,
VALENTINE MTN., DISCOVERY N ZONE
V09DDH-5 X-SECTION LOOKING W



SCALE 1:500

FIG. 11

FROM m	TO m	WIDTH m	Au ppb	Ag ppm	As ppm	Cu ppm
5.6388	5.9436	0.3048	37	0.4	7	12
5.9436	7.9248	1.9812	3	0.1	110	22
7.9248	9.4488	1.524	2	0.4	87	50
9.4488	11.2776	1.8288	2	0.5	35	40
12.3444	13.5636	1.2192	3	0.5	23	27
14.478	14.7828	0.3048	4	0.5	23	41
17.6784	18.1356	0.4572	5	0.5	65	30
22.2504	22.5552	0.3048	620	0.8	1849	29
22.5552	24.0792	1.524	9	0.5	157	38
24.0792	25.908	1.8288	42	0.7	781	35
25.908	27.432	1.524	37	0.6	8	49
27.432	28.956	1.524	160	0.5	95	80
28.956	30.48	1.524	12	0.8	96	103
30.48	32.004	1.524	32	0.7	29	104
32.004	33.528	1.524	5	0.6	20	79
33.528	35.052	1.524	50	0.5	21	12
35.052	36.576	1.524	19	0.4	31	54
36.576	38.1	1.524	15	0.5	36	67
38.1	39.624	1.524	13	1.8	25	42
42.9768	44.5008	1.524	140	0.6	8	63
44.5008	46.0248	1.524	24	0.6	27	37
46.0248	47.8536	1.8288	13	0.5	5	54
59.436	60.96	1.524	12	0.4	22	40
60.96	62.484	1.524	6	0.3	12	33
62.484	64.008	1.524	5	0.4	6	43
64.008	65.532	1.524	21	0.5	13	34
65.532	67.056	1.524	14	0.6	8	47
70.62216	71.74992	1.12776	35	0.7	7	77
72.32804	73.7616	1.43256	18	0.5	6	41
73.7616	76.2	2.4384	41	0.4	7	57

IONEER LABORATORIES INC. #103-2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5 TELEPHONE (604) 231-8165

ILL BAY VENTURES INC.

roject: Valentine Mtn. Placer
ample Type: Cores

G E O C H E M I C A L A N A L Y S I S C E R T I F I C A T E

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al. *Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA.

Analyst F. Saul
Report No. 2092531
Date: January 09, 2010

LEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	Au*
AMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	pm	ppm	ppm	ppb
52451	.4	1.98	5	<5	411	<10	.14	<1	10	90	32	3.20	1.36	1.09	398	2	.04	22	.05	10	.25	<2	<2	14	<5	.17	<5	84	74	2
52452	.3	2.18	6	<5	458	<10	.15	<1	11	117	27	3.24	1.38	1.30	322	1	.04	29	.06	11	.07	<2	<2	7	<5	.15	<5	98	63	4
52453	.2	2.05	5	<5	418	<10	.20	<1	10	105	29	3.08	1.22	1.17	324	2	.05	23	.05	10	.11	2	<2	12	<5	.13	<5	93	65	3
52454	.2	2.50	14	<5	422	<10	.26	<1	11	111	39	3.60	1.51	1.25	383	2	.05	32	.06	8	.17	3	<2	11	<5	.15	<5	99	47	4
52455	.3	2.13	<5	<5	333	<10	.20	<1	10	86	32	3.07	1.24	1.07	325	2	.05	23	.05	10	.15	<2	<2	14	<5	.14	<5	77	54	1
52456	.1	2.99	<5	<5	471	<10	1.35	1	19	112	47	4.44	2.00	1.32	467	2	.07	47	.11	9	.20	4	<2	35	<5	.11	<5	136	103	9
52457	.2	1.86	8	<5	142	<10	5.71	<1	19	40	52	3.34	1.10	.80	636	1	.07	41	.24	4	.19	2	<2	80	<5	.13	<5	89	68	75
52458	.5	2.37	22	<5	248	10	.69	<1	17	116	45	3.54	1.47	1.34	304	1	.07	55	.13	6	.21	4	<2	29	<5	.15	<5	98	53	70
52459	.5	2.66	7	<5	408	<10	.88	<1	12	167	42	3.50	1.54	1.36	406	2	.05	49	.06	12	.31	<2	<2	33	<5	.16	<5	95	51	4
52460	.3	1.92	18	<5	365	<10	1.64	<1	10	178	44	2.76	1.27	1.24	413	2	.05	44	.05	5	.24	2	<2	74	<5	.13	<5	85	59	2
-1	38.2	.70	85	<5	28	17	.45	483	12	29	2882	8.37	.12	.47	1382	30	.01	6	.04	>10,000	>10	<2	<2	19	<5	.01	<5	20	>10,000	2490
52461	.2	2.36	18	<5	453	<10	.40	<1	14	166	45	3.34	1.49	1.41	376	3	.06	53	.06	12	.17	4	<2	15	<5	.16	<5	104	74	4
52462	.3	3.92	41	<5	62	<10	3.22	<1	13	86	81	1.47	.40	.77	261	1	.19	21	.06	14	.04	<2	<2	214	<5	.10	<5	47	25	14
52463	.2	2.60	144	<5	102	<10	2.47	<1	19	87	95	1.60	.38	.58	240	1	.16	32	.05	8	.12	<2	<2	172	<5	.09	<5	48	29	10
52464	.2	2.44	168	<5	223	<10	2.03	<1	22	81	264	1.86	.37	.65	748	2	.16	45	.08	10	.18	<2	<2	157	<5	.10	<5	50	35	7
52465	.3	2.42	39	<5	490	<10	.28	<1	14	143	48	3.61	1.72	1.39	455	3	.04	50	.07	11	.17	<2	<2	10	<5	.17	<5	99	50	3
52466	.3	2.33	5	<5	286	<10	3.72	<1	9	109	43	2.32	.99	.79	562	2	.04	29	.05	6	.23	<2	<2	273	<5	.10	<5	75	34	1
52467	.3	2.17	<5	<5	455	<10	.35	<1	12	145	48	3.33	1.46	1.22	359	3	.04	43	.06	7	.22	<2	<2	14	<5	.14	<5	107	21	19
52468	.2	1.93	19	<5	190	<10	2.44	<1	10	105	43	2.76	.58	.96	495	2	.04	32	.08	8	.23	<2	<2	128	<5	.07	<5	76	40	17
52469	.2	1.85	7	<5	224	<10	.35	<1	8	124	39	2.72	.73	1.13	264	3	.04	25	.06	6	.09	4	<2	52	<5	.09	<5	79	49	6
52470	.3	2.43	8	<5	119	<10	1.57	<1	17	110	74	2.50	.76	1.07	267	1	.14	55	.10	8	.12	<2	<2	86	<5	.15	<5	64	43	1
-1	.1	.90	26	<5	492	<10	.50	<1	6	41	3	2.10	.48	.72	329	1	.02	2	.04	2	.01	4	<2	25	<5	.17	<5	54	52	1
52471	.3	1.92	<5	<5	89	<10	1.67	<1	18	123	50	2.68	.74	.84	297	1	.10	62	.16	5	.11	3	<2	47	<5	.15	<5	71	53	8
52472	.2	3.27	5	<5	135	<10	1.86	<1	30	195	69	4.87	1.41	1.54	424	1	.10	98	.17	12	.43	<2	<2	61	<5	.17	<5	124	106	7
52473	.7	2.55	6	<5	139	<10	1.63	<1	19	169	70	2.97	.73	.84	256	3	.11	68	.08	17	.64	4	<2	77	<5	.12	<5	76	51	55
52474	.8	2.66	5	<5	144	<10	1.36	<1	24	174	53	3.69	1.27	1.39	304	1	.10	87	.16	11	.33	<2	<2	53	<5	.16	<5	103	73	22
52475	.3	2.01	6	<5	107	<10	1.25	<1	15	134	30	2.37	.82	1.05	232	1	.10	50	.13	6	.05	4	<2	47	<5	.13	<5	71	47	1
52476	.4	3.13	13	<5	146	<10	1.19	<1	27	227	43	4.54	1.54	2.01	382	1	.07	83	.12	8	.11	2	<2	43	<5	.18	<5	131	90	34
52477	.3	2.36	6	<5	57	<10	2.08	<1	17	138	51	2.91	.63	1.32	362	1	.10	62	.14	10	.09	2	<2	80	<5	.14	<5	77	50	5
52478	.8	2.09	18	<5	110	<10	2.19	<1	26	176	54	3.77	.83	1.17	439	2	.08	74	.17	6	.58	2	<2	40	<5	.16	<5	86	58	520
52479	1.1	1.94	7	<5	124	<10	1.63	<1	22	151	39	3.43	.84	.84	318	1	.10	61	.21	5	.23	2	<2	50	<5	.14	<5	80	61	245
52480	.1	3.04	17	<5	79	<10	2.27	1	27	120	38	4.73	.90	2.43	490	2	.05	89	.21	12	.13	3	<2	29	<5	.11	<5	124	90	7
-2	38.9	.68	85	<5	27	18	.43	460	11	30	2790	7.98	.11	.40	1483	30	.01	5	.06	>10,000	>10	4	<2	18	<5	.01	<5	19	>10,000	2480
52481	.5	2.10	6	<5	175	<10	2.54	<1	17	75	39	3.03	1.14	1.26	411	1	.11	46	.19	12	.02	<2	<2	48	<5	.16	<5	71	65	9
52482	.6	2.30	18	<5	114	<10	2.69	<1	19	117	40	3.23	.82	1.55	450	1	.08	59	.12	8	.03	2	<2	61	<5	.13	<5	78	61	27

B - Blank S - Standard

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl pm	V ppm	Zn ppm	Au* ppb
252483	.5	1.77	12	<5	55	<10	3.20	<1	16	108	51	2.15	.39	1.21	360	1	.08	70	.13	7	.07	3	<2	58	<5	.09	<5	45	34	5
252484	4.3	1.66	28	<5	87	<10	1.63	<1	17	94	66	2.13	.41	.95	225	1	.08	78	.17	8	.11	<2	<2	29	<5	.07	<5	51	38	12
252485	.4	2.33	22	<5	356	<10	.80	<1	14	108	56	4.05	1.58	1.28	387	2	.04	47	.08	25	.22	<2	<2	19	<5	.14	<5	102	28	5
252486	.2	3.38	70	<5	164	<10	2.13	<1	18	134	29	2.26	.78	1.03	316	2	.14	32	.06	16	.04	<2	<2	140	<5	.08	<5	51	40	5
252487	.4	1.54	12	<5	161	<10	.67	<1	10	91	27	3.01	.44	.98	301	2	.04	24	.05	11	.24	4	<2	17	<5	.05	<5	62	65	1
252488	.3	2.44	19	<5	327	<10	1.45	2	17	130	57	4.35	1.08	1.47	494	2	.04	59	.07	16	.26	6	<2	19	<5	.11	<5	106	90	2
252489	.4	2.69	<5	<5	402	<10	.81	<1	20	150	73	4.71	1.34	1.63	383	3	.04	77	.08	15	.33	<2	<2	32	<5	.13	<5	120	64	5
252490	.2	2.75	<5	<5	520	<10	.59	1	18	155	60	4.58	1.61	1.55	336	3	.04	68	.09	12	.22	6	<2	19	<5	.14	<5	131	40	1
252491	.3	2.55	23	<5	461	<10	.31	<1	19	140	68	4.50	1.55	1.57	306	3	.04	72	.08	16	.39	4	<2	5	<5	.14	<5	123	66	1
B-2	.1	.86	33	<5	430	<10	.55	<1	6	41	3	2.38	.48	.72	332	2	.03	2	.06	2	.01	3	<2	25	<5	.17	<5	50	56	1
252492	.3	2.55	<5	<5	378	<10	.41	<1	18	136	59	4.34	1.27	1.62	344	1	.04	75	.07	13	.30	<2	<2	8	<5	.12	<5	107	88	2
252493	.5	2.67	<5	<5	520	<10	.39	<1	15	133	50	4.48	1.69	1.56	348	3	.04	54	.09	11	.20	2	<2	7	<5	.16	<5	127	50	1
252494	.4	2.62	6	<5	435	<10	.88	<1	17	139	58	4.63	1.37	1.52	469	2	.04	66	.07	12	.27	<2	<2	20	<5	.14	<5	114	53	13
252495	.2	2.25	<5	<5	403	<10	.63	<1	15	110	55	4.05	1.30	1.28	349	2	.04	48	.06	11	.35	6	<2	15	<5	.13	<5	100	51	1
252496	.2	2.06	<5	<5	366	<10	.36	<1	13	102	41	3.80	1.29	1.17	331	2	.04	34	.06	7	.32	<2	<2	11	<5	.12	<5	85	41	3
252497	.3	2.11	<5	<5	394	<10	.35	<1	14	97	40	3.91	1.50	1.20	331	1	.04	34	.06	6	.39	<2	<2	12	<5	.14	<5	90	87	1
252498	.4	1.82	6	<5	342	<10	.29	<1	12	89	37	3.69	1.33	1.07	346	3	.04	28	.06	12	.45	6	<2	9	<5	.13	<5	77	79	1
252499	.2	1.77	<5	<5	479	<10	.48	<1	12	95	33	3.29	1.27	1.05	358	2	.06	23	.06	10	.34	5	<2	15	<5	.15	<5	82	75	1
252500	.3	1.85	<5	<5	543	<10	.58	<1	11	102	23	3.32	1.45	1.09	408	2	.04	22	.05	11	.24	<2	<2	10	<5	.16	<5	86	72	2
253351	.4	2.00	7	<5	564	<10	.85	2	12	96	29	3.35	1.44	1.08	455	2	.06	23	.05	8	.18	2	<2	34	<5	.17	<5	85	69	6
S-3	36.8	.74	89	<5	32	<10	.47	462	13	35	2842	8.43	.12	.40	1410	26	.01	7	.02	>10,000	>10	6	<2	19	<5	.01	<5	19	>10,000	2520
253352	.2	1.71	<5	<5	451	<10	.50	<1	11	102	25	3.35	1.20	1.01	402	2	.05	24	.05	12	.38	5	<2	13	<5	.16	<5	78	67	5
253353	.3	1.89	25	<5	87	<10	3.17	<1	19	124	43	3.15	.52	1.24	414	1	.12	60	.16	7	.05	3	<2	45	<5	.15	<5	84	55	13
253354	.2	1.60	6	<5	260	<10	1.23	<1	10	85	30	2.96	.83	.95	446	1	.04	21	.06	6	.22	3	<2	31	<5	.10	<5	63	62	16
253355	.3	2.17	<5	<5	532	<10	.33	<1	12	108	36	3.75	1.57	1.31	385	2	.04	36	.05	4	.25	5	<2	11	<5	.14	<5	104	86	1
253356	.4	2.12	<5	<5	439	<10	.48	<1	13	103	41	3.98	1.51	1.24	377	2	.04	33	.07	10	.39	<2	<2	9	<5	.13	<5	98	82	1
253357	.3	1.61	<5	<5	262	<10	.55	<1	10	86	30	3.15	.95	.92	345	1	.04	24	.05	6	.32	<2	<2	6	<5	.09	<5	70	57	1
253358	.2	2.27	<5	<5	249	<10	.58	<1	17	121	54	4.42	1.05	1.33	390	2	.04	55	.07	13	.40	<2	<2	13	<5	.10	<5	100	42	1
253359	.2	2.06	18	<5	197	<10	.64	<1	14	120	50	3.98	.80	1.23	398	2	.04	47	.07	11	.27	2	<2	12	<5	.09	<5	85	61	1
253360	.3	2.00	<5	<5	228	<10	1.06	<1	12	94	32	3.40	.87	1.08	382	3	.05	29	.06	12	.39	<2	<2	22	<5	.10	<5	68	64	1
253361	.2	2.32	<5	<5	521	<10	.44	<1	14	199	39	3.97	1.50	1.59	369	2	.05	59	.06	10	.18	<2	<2	9	<5	.16	<5	113	86	1
B-3	.1	.87	20	<5	410	<10	.60	<1	10	41	6	2.13	.46	.65	380	1	.02	4	.11	2	.02	4	<2	21	<5	.19	<5	63	56	1
253362	.3	1.87	6	<5	142	<10	5.31	1	26	50	58	4.03	1.15	.86	694	1	.06	50	.41	5	.04	2	<2	78	<5	.08	<5	85	88	12
253363	.4	1.55	5	<5	92	<10	5.51	<1	17	36	50	2.80	.82	.65	589	1	.08	28	.17	4	.01	<2	<2	77	<5	.15	<5	57	51	24
253364	.2	1.66	7	<5	133	<10	.90	<1	30	136	39	3.38	1.30	1.30	340	1	.07	86	.17	8	.01	5	<2	15	<5	.16	<5	68	103	13
253365	.4	1.88	14	<5	146	<10	.86	<1	23	155	23	3.08	1.29	1.36	246	1	.08	73	.15	7	.02	3	<2	16	<5	.14	<5	66	83	12
253366	.2	1.75	6	<5	164	<10	.69	<1	26	163	61	3.06	1.33	1.33	244	1	.08	77	.17	11	.01	4	<2	11	<5	.13	<5	63	101	60
253367	.8	1.79	10	<5	151	<10	1.07	<1	24	148	54	2.94	1.25	1.25	237	1	.09	75	.18	7	.01	<2	<2	29	<5	.12	<5	62	89	825
253368	.2	1.25	5	<5	68	<10	2.44	<1	12	96	57	1.79	.33	.89	273	2	.07	55	.12	4	.03	2	<2	51	<5	.07	<5	31	29	7
253369	.3	2.52	11	<5	199	<10	2.51	2	24	122	51	3.74	1.03	1.38	379	1	.08	76	.17	12	.14	2	<2	58	<5	.10	<5	91	60	1

B - Blank S - Standard

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl pm	V ppm	Zn ppm	Au* ppb
253370	.4	2.80	<5	<5	289	<10	.47	1	20	116	58	5.08	1.76	1.68	416	2	.05	61	.11	11	.39	<2	<2	14	<5	.15	<5	110	55	1
253371	.2	2.28	33	<5	376	<10	.33	<1	17	131	54	3.93	1.58	1.31	352	2	.05	49	.07	10	.24	2	<2	9	<5	.14	<5	111	47	1
S-4	40.1	.69	90	<5	32	13	.47	460	12	34	2872	8.85	.11	.44	1436	29	.01	8	.06	>10,000	>10	6	<2	17	<5	.01	<5	20	>10,000	2445
253372	.4	2.42	31	<5	405	<10	.20	<1	15	148	48	4.28	1.42	1.44	433	2	.04	53	.07	12	.18	3	<2	4	<5	.15	<5	116	53	1
253373	.2	2.51	9	<5	571	<10	.40	<1	14	224	35	3.99	1.62	1.72	417	2	.04	74	.06	11	.17	4	<2	16	<5	.14	<5	112	82	1
253374	.3	1.96	<5	<5	336	<10	2.16	<1	15	79	32	3.42	1.15	.95	432	2	.06	31	.18	7	.15	3	<2	58	<5	.13	<5	86	72	1
253375	.2	2.72	30	<5	179	<10	1.87	<1	14	107	53	2.29	.54	.82	329	3	.13	37	.06	13	.11	<2	<2	138	<5	.07	<5	59	49	2
253376	.4	2.21	66	<5	278	<10	1.47	<1	30	140	536	4.29	.76	1.04	1191	13	.06	101	.11	9	.96	<2	<2	122	<5	.09	<5	76	79	14
253377	.3	2.51	57	<5	518	<10	.26	<1	17	156	49	4.32	1.59	1.50	436	3	.04	62	.06	14	.24	3	<2	9	<5	.14	<5	111	47	1
253378	.3	2.24	21	<5	307	<10	.37	<1	15	128	50	4.02	1.09	1.28	420	2	.04	54	.07	11	.27	4	<2	7	<5	.12	<5	98	54	1
253379	.2	2.46	30	<5	528	<10	.36	<1	13	150	57	4.29	1.57	1.41	386	2	.04	55	.08	10	.26	7	<2	8	<5	.14	<5	122	41	5
253380	.4	2.31	18	<5	472	<10	.34	<1	14	148	46	4.06	1.39	1.36	391	3	.04	54	.07	9	.19	3	<2	7	<5	.13	<5	113	33	6
253381	.3	2.54	8	<5	512	<10	.71	<1	13	197	50	3.60	1.29	1.32	287	3	.08	55	.07	12	.21	3	<2	31	<5	.12	<5	112	84	5
B-4	.3	.79	20	<5	459	<10	.41	<1	8	43	5	2.01	.52	.65	358	3	.04	4	.03	3	.01	<2	<2	24	<5	.17	<5	62	52	1
253382	.1	2.32	<5	<5	495	<10	.58	<1	14	132	44	3.88	1.43	1.17	313	1	.06	45	.07	10	.26	4	<2	21	<5	.13	<5	116	75	1
253383	.3	1.70	14	<5	420	<10	.20	<1	10	94	23	2.91	1.11	1.00	280	2	.04	19	.05	6	.08	4	<2	6	<5	.11	<5	72	60	1
253384	.1	1.88	6	<5	428	<10	.35	<1	11	85	33	3.25	1.27	1.01	310	1	.05	23	.06	5	.23	4	<2	15	<5	.12	<5	77	80	7
253385	.2	2.05	20	<5	420	<10	.41	<1	12	104	34	3.70	1.16	1.19	360	3	.05	27	.06	14	.15	2	<2	20	<5	.11	<5	92	87	5
253386	.9	1.62	11	<5	413	<10	.39	4	11	103	113	3.36	1.18	1.08	382	2	.06	28	.07	340	.26	5	<2	11	<5	.12	<5	84	675	3
253387	.6	1.95	26	<5	455	<10	.34	<1	13	91	27	3.15	1.22	1.15	372	2	.06	26	.06	25	.23	2	<2	14	<5	.13	<5	80	84	2
253388	.7	1.70	<5	<5	485	<10	.43	<1	11	97	28	2.72	1.01	1.01	361	2	.09	22	.05	20	.19	5	<2	32	<5	.12	<5	67	63	1
253389	.2	1.65	14	<5	415	<10	.59	<1	10	96	21	2.76	.96	1.00	386	3	.07	21	.05	18	.11	3	<2	73	<5	.13	<5	65	72	2
253390	.3	1.94	<5	<5	550	<10	.27	<1	12	113	30	3.06	1.17	1.14	429	3	.08	29	.06	23	.15	4	<2	13	<5	.15	<5	86	89	1
253391	.7	1.72	8	<5	484	<10	.50	<1	11	100	36	3.05	1.12	.96	367	2	.08	26	.06	21	.30	4	<2	23	<5	.14	<5	86	74	1
S-5	37.2	.72	85	<5	30	14	.46	450	10	31	2820	9.05	.11	.43	1340	31	.01	7	.02	>10,000	>10	9	<2	22	<5	.01	<5	22	>10,000	2460
253392	.6	2.07	22	<5	295	<10	.98	<1	9	103	32	2.69	.95	.86	339	4	.12	23	.06	19	.38	4	<2	76	<5	.11	<5	66	64	2
253393	.6	1.56	8	<5	335	<10	.39	<1	9	94	23	2.62	.94	.92	347	3	.07	21	.05	17	.22	5	<2	11	<5	.12	<5	67	67	3
253394	.5	1.47	5	<5	307	<10	.27	<1	10	73	23	2.59	.87	.94	339	3	.06	22	.05	14	.16	6	<2	7	5	.11	<5	57	72	1
253395	.8	1.47	16	<5	167	<10	.17	<1	11	118	38	2.80	.65	.87	322	4	.05	32	.06	15	.20	3	<2	6	<5	.09	<5	56	77	21
253396	.6	2.79	93	<5	244	<10	1.04	<1	23	124	61	4.53	1.23	1.69	448	3	.09	67	.13	23	.30	6	<2	34	<5	.16	<5	124	96	1
253397	.4	2.25	115	<5	354	<10	.75	<1	15	179	50	3.54	.98	1.43	469	2	.08	66	.06	25	.26	<2	<2	35	<5	.11	<5	99	88	9
253398	.7	2.13	36	<5	492	<10	.39	<1	13	206	34	3.25	1.25	1.45	364	2	.09	58	.06	23	.17	<2	<2	17	<5	.13	<5	105	78	5
253399	.6	2.29	44	<5	558	<10	.38	<1	14	178	39	3.63	1.40	1.44	337	2	.08	51	.07	21	.24	7	<2	77	<5	.15	<5	116	68	5
253400	.1	2.27	42	<5	217	<10	1.47	<1	18	109	47	1.99	.60	.84	495	8	.16	43	.08	25	.10	<2	<2	164	<5	.10	<5	56	44	17
253401	.5	2.42	73	<5	452	<10	.67	<1	15	173	38	3.10	1.26	1.34	395	<1	.11	60	.07	30	.16	6	<2	65	<5	.13	<5	94	76	10
B-5	.1	.91	18	<5	420	<10	.53	<1	7	49	6	2.31	.46	.65	358	1	.04	3	.10	2	.01	7	<2	23	<5	.17	<5	68	56	1
253402	.6	2.05	28	<5	566	<10	.37	<1	14	200	33	3.08	1.34	1.40	421	2	.08	61	.06	21	.16	<2	<2	22	<5	.14	<5	94	74	12
253403	.7	1.96	40	<5	352	<10	.47	<1	13	126	54	3.39	.89	1.20	341	3	.06	46	.08	25	.24	5	<2	10	<5	.11	<5	96	45	9
253404	.4	2.13	47	<5	593	<10	.30	<1	14	148	41	3.42	1.29	1.30	259	3	.07	56	.07	22	.19	<2	<2	9	<5	.14	<5	122	39	10
253405	.6	2.65	17	<5	484	<10	1.07	<1	13	150	61	3.28	1.08	1.25	270	2	.12	50	.08	30	.29	7	<2	51	<5	.11	<5	121	69	2

B - Blank S - Standard

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl pm	V ppm	Zn ppm	Au* ppb
253406	.6	1.99	7	<5	401	<10	.35	<1	14	124	46	3.42	1.01	1.21	324	2	.06	47	.08	23	.19	3	<2	10	<5	.12	<5	107	39	3
253407	.5	1.99	11	<5	348	<10	.34	<1	13	106	43	3.51	.95	1.28	347	1	.06	45	.07	22	.25	<2	<2	8	<5	.10	<5	106	53	7
253408	.4	1.61	7	<5	186	<10	.58	<1	12	80	40	2.96	.48	1.06	377	3	.05	34	.06	19	.24	3	<2	15	<5	.06	<5	69	62	6
253409	.4	.44	7	<5	56	<10	.19	<1	3	146	12	.87	.14	.27	128	6	.05	11	.03	6	.05	4	<2	7	<5	.04	<5	15	18	37
253410	.1	1.08	110	<5	211	<10	.34	<1	7	46	22	2.09	.63	.56	254	3	.08	4	.07	11	.19	<2	<2	12	<5	.13	<5	30	46	3
253411	.4	2.29	87	<5	572	<10	.60	<1	15	184	50	3.57	1.40	1.48	480	2	.09	68	.08	21	.24	5	<2	17	<5	.15	<5	96	83	2
S-6	37.5	.68	80	<5	32	13	.36	460	11	29	2780	8.56	.11	.40	1390	30	.01	6	.02	>10,000	>10	4	<2	20	<5	.01	<5	22	>10,000	2480
253412	.5	2.06	35	<5	562	<10	.34	<1	15	150	40	3.30	1.20	1.44	369	1	.09	46	.07	22	.16	6	<2	21	<5	.14	<5	119	85	2
253413	.5	1.59	23	<5	331	<10	.25	<1	13	110	27	2.76	.82	1.17	260	2	.08	29	.07	15	.13	4	<2	9	<5	.11	<5	113	69	3
253414	.5	1.65	23	<5	268	<10	.82	<1	12	97	41	3.03	.93	1.04	371	1	.07	36	.11	19	.29	2	<2	8	<5	.11	<5	72	83	4
253415	.5	1.66	65	<5	327	<10	.34	<1	11	125	30	2.74	.86	1.08	316	2	.06	30	.05	16	.14	4	<2	22	<5	.10	<5	83	56	5
253416	.8	1.60	1849	<5	242	<10	.51	<1	9	193	29	2.42	.72	.91	277	4	.12	40	.03	15	.30	3	<2	26	<5	.09	<5	68	50	620
253417	.5	2.42	157	<5	549	<10	.40	<1	16	198	38	3.51	1.51	1.52	468	2	.11	65	.07	24	.24	<2	<2	22	<5	.15	<5	110	81	9
253418	.7	3.27	781	<5	668	<10	1.00	<1	15	225	35	3.57	1.52	1.51	477	3	.18	68	.06	30	.20	<2	<2	61	<5	.16	<5	116	85	42
253419	.6	2.34	8	<5	436	<10	.30	<1	14	155	49	4.01	1.46	1.39	482	3	.07	54	.08	19	.30	<2	<2	7	<5	.15	<5	125	95	37
253420	.5	2.04	95	<5	252	<10	.40	<1	22	89	80	3.56	1.20	1.23	503	6	.06	48	.08	17	.41	6	<2	6	<5	.14	<5	79	98	160
253421	.8	2.35	96	<5	294	<10	.28	<1	20	94	103	4.22	1.44	1.41	412	5	.07	49	.09	20	.50	<2	<2	7	<5	.15	<5	111	108	12
B-6	.1	.87	21	<5	462	<10	.53	<1	7	54	6	2.13	.46	.65	388	1	.04	3	.13	2	.01	3	<2	23	<5	.17	<5	71	58	1
253422	.7	2.63	29	<5	234	<10	1.48	<1	39	238	104	5.36	.97	1.58	462	3	.10	100	.25	19	1.15	5	<2	58	<5	.13	<5	148	127	32
253423	.6	2.55	20	<5	175	<10	1.23	<1	41	232	79	5.33	.98	1.70	407	3	.09	141	.25	20	.77	6	<2	31	<5	.12	<5	142	112	5
253424	.5	2.22	21	<5	79	<10	1.69	<1	28	184	12	3.62	.60	1.73	394	1	.09	101	.19	16	.04	3	<2	32	<5	.11	<5	112	78	50
253425	.4	2.18	31	<5	130	<10	1.54	<1	29	106	54	3.61	.74	1.15	334	2	.16	78	.21	17	.31	7	<2	105	<5	.13	<5	88	70	19
253426	.5	3.47	36	<5	227	<10	1.59	<1	35	139	67	5.08	1.47	1.75	368	2	.17	110	.25	25	.47	3	<2	140	<5	.16	<5	140	105	15
253427	1.8	2.30	25	<5	132	<10	2.09	<1	22	98	42	3.51	.74	1.16	380	1	.18	68	.25	18	.17	15	<2	102	7	.15	<5	69	65	13
253428	.6	2.20	8	<5	184	<10	1.55	<1	24	83	63	3.57	.90	.95	301	1	.12	67	.20	14	.48	<2	<2	62	<5	.13	<5	98	67	140
253429	.6	3.09	27	<5	233	<10	1.57	<1	29	112	37	4.73	1.47	1.39	348	3	.17	86	.33	22	.28	10	<2	92	<5	.17	<5	139	89	24
253430	.5	2.46	<5	<5	177	<10	1.94	<1	27	99	54	3.72	.80	.93	350	1	.19	79	.29	17	.34	<2	<2	107	<5	.13	<5	97	76	13
253431	.4	1.61	22	<5	135	<10	3.73	<1	22	142	40	3.39	.79	1.06	541	1	.12	70	.22	11	.09	3	<2	40	<5	.12	<5	110	62	12
S-7	36.8	.62	79	<5	30	<10	.42	467	11	32	2795	6.66	.13	.44	1368	32	.01	9	.03	>10,000	>10	5	<2	21	<5	.01	<5	22	>10,000	2450
253432	.3	1.62	12	<5	338	<10	1.14	<1	12	101	33	2.81	.87	.96	445	2	.08	25	.08	16	.26	3	<2	18	<5	.13	<5	77	68	6
253433	.4	1.51	6	<5	58	<10	3.83	<1	16	109	43	2.46	.37	1.00	471	1	.12	55	.20	12	.16	4	<2	63	<5	.09	<5	67	48	5
253434	.5	1.46	13	<5	125	<10	3.44	<1	18	107	34	2.47	.69	.98	484	2	.10	59	.19	10	.04	<2	<2	37	<5	.12	<5	66	51	21
253435	.6	1.04	8	<5	65	<10	3.13	<1	15	95	47	2.24	.35	.64	412	1	.13	46	.19	8	.03	4	<2	34	<5	.11	<5	58	39	14
253436	.7	1.27	7	<5	84	<10	3.82	<1	14	159	77	2.01	.51	.72	514	1	.12	61	.13	7	.15	9	<2	83	<5	.12	<5	56	38	35
253437	.5	1.77	6	<5	109	<10	1.95	<1	21	188	41	2.42	.81	1.16	316	1	.14	74	.17	11	.03	5	<2	54	<5	.11	<5	61	54	16
253438	.4	1.36	7	<5	96	<10	2.31	<1	17	164	57	2.14	.58	.86	375	1	.15	62	.16	7	.04	4	<2	43	<5	.12	<5	60	40	41

B- Blank   S- Standard

APPENDIX B DRILL HOLE SAMPLE RECORD page 1

DDH #	Sample No	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Au ppb	Ag ppm	As ppm	Cu ppm
V09DDH-1	252451	1.524	3.048	1.524	5	10	5	2	0.4	5	32
V09DDH-1	252452	3.048	4.572	1.524	10	15	5	4	0.3	6	27
V09DDH-1	252453	4.572	6.096	1.524	15	20	5	3	0.2	5	29
V09DDH-1	252454	6.096	7.62	1.524	20	25	5	4	0.2	14	39
V09DDH-1	252455	7.62	9.6012	1.9812	25	31.5	6.5	1	0.3	5	32
V09DDH-1	252456	9.6012	12.192	2.5908	31.5	40	8.5	9	0.1	5	47
V09DDH-1	252457	12.192	13.716	1.524	40	45	5	75	0.2	8	52
V09DDH-1	252458	83.82	85.9536	2.1336	275	282	7	70	0.5	22	45
V09DDH-1	252459	85.9536	87.9348	1.9812	282	288.5	6.5	4	0.5	7	42
V09DDH-1	252460	87.9348	88.392	0.4572	288.5	290	1.5	2	0.3	18	44
V09DDH-1	252461	88.392	90.0684	1.6764	290	295.5	5.5	4	0.2	18	45
V09DDH-1	252462	90.0684	90.9828	0.9144	295.5	298.5	3	14	0.3	41	81
V09DDH-1	252463	90.9828	92.6592	1.6764	298.5	304	5.5	10	0.2	144	95
V09DDH-1	252464	92.6592	94.488	1.8288	304	310	6	7	0.2	168	264
V09DDH-1	252465	94.488	96.6216	2.1336	310	317	7	3	0.3	39	48
V09DDH-1	252466	96.6216	97.3836	0.762	317	319.5	2.5	1	0.3	5	43
V09DDH-1	252467	101.346	101.6508	0.3048	332.5	333.5	1	19	0.3	5	48
V09DDH-1	252468	106.3752	106.68	0.3048	349	350	1	17	0.2	19	43
V09DDH-1	252469	112.4712	112.776	0.3048	369	370	1	6	0.2	7	39

APPENDIX B DRILL HOLE SAMPLE RECORD page 2

DDH #	Sample Nc	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Au ppb	Ag ppm	As ppm	Cu ppm
V09DDH-2	252470	3.9624	6.096	2.1336	13	20	7	1	0.3	8	74
V09DDH-2	252471	6.096	7.62	1.524	20	25	5	8	0.3	5	50
V09DDH-2	252472	7.62	9.144	1.524	25	30	5	7	0.2	5	69
V09DDH-2	252473	9.144	9.7536	0.6096	30	32	2	56	0.7	6	70
V09DDH-2	252474	9.7536	11.2776	1.524	32	37	5	22	0.8	5	53
V09DDH-2	252475	11.2776	13.716	2.4384	37	45	8	1	0.3	8	30
V09DDH-2	252476	13.716	14.7828	1.0668	45	48.5	3.5	34	0.4	13	43
V09DDH-2	252477	14.7828	16.764	1.9812	48.5	55	6.5	5	0.3	6	51
V09DDH-2	252478	16.764	18.288	1.524	55	60	5	520	0.8	18	54
V09DDH-2	252479	18.288	19.812	1.524	60	65	5	245	1.1	7	39
V09DDH-2	252480	25.146	25.7556	0.6096	82.5	84.5	2	7	0.1	17	38
V09DDH-2	252481	27.8892	29.718	1.8288	91.5	97.5	6	9	0.5	6	39
V09DDH-2	252482	29.718	30.48	0.762	97.5	100	2.5	27	0.6	18	40
V09DDH-2	252483	39.624	41.148	1.524	130	135	5	5	0.5	12	51
V09DDH-2	252484	41.148	42.672	1.524	135	140	5	12	4.3	28	66
V09DDH-2	252485	42.672	44.6532	1.9812	140	146.5	6.5	5	0.4	22	56
V09DDH-2	252486	47.3964	48.768	1.3716	155.5	160	4.5	5	0.2	70	29

APPENDIX B DRILL HOLE SAMPLE RECORD page 3

DDH #	Sample No	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Au ppb	Ag ppm	As ppm	Cu ppm
V09DDH-3	252487	5.4864	5.9436	0.4572	18	19.5	1.5	1	0.4	12	27
V09DDH-3	252488	9.7536	11.2776	1.524	32	37	5	2	0.3	19	57
V09DDH-3	252489	11.2776	12.8016	1.524	37	42	5	5	0.4	5	73
V09DDH-3	252490	12.8016	14.3256	1.524	42	47	5	1	0.2	5	60
V09DDH-3	252491	14.3256	15.8496	1.524	47	52	5	1	0.3	23	68
V09DDH-3	252492	15.8496	17.3736	1.524	52	57	5	2	0.3	33	59
V09DDH-3	252493	17.3736	18.8976	1.524	57	62	5	1	0.5	5	50
V09DDH-3	252494	18.8976	20.4216	1.524	62	67	5	13	0.4	5	58
V09DDH-3	252495	20.4216	22.5552	2.1336	67	74	7	1	0.2	6	55
V09DDH-3	252496	22.5552	23.9268	1.3716	74	78.5	4.5	3	0.2	5	41
V09DDH-3	252497	23.9268	24.9936	1.524	78.5	82	5	1	0.3	5	40
V09DDH-3	252498	24.9936	26.5176	1.524	82	87	5	1	0.4	5	37
V09DDH-3	252499	26.5176	28.0416	1.524	87	92	5	1	0.2	6	33
V09DDH-3	252500	28.0416	29.5656	1.524	92	97	5	2	0.3	5	23
V09DDH-3	253351	29.5656	32.6136	3.048	97	107	10	6	0.4	5	29
V09DDH-3	253352	32.6136	34.1376	1.524	107	112	5	5	0.2	7	25
V09DDH-3	253353	34.1376	35.6616	1.524	112	117	5	13	0.3	5	43
V09DDH-3	253354	35.6616	37.1856	1.524	117	122	5	16	0.2	25	30
V09DDH-3	253355	37.1856	38.7096	1.524	122	127	5	1	0.3	6	36
V09DDH-3	253356	38.7096	40.2336	1.524	127	132	5	1	0.4	5	41
V09DDH-3	253357	40.2336	41.7576	1.524	132	137	5	1	0.3	5	30
V09DDH-3	253358	41.7576	43.2816	1.524	137	142	5	1	0.2	5	54
V09DDH-3	253359	43.2816	44.8056	1.524	142	147	5	1	0.2	18	50
V09DDH-3	253360	44.8056	46.3296	1.524	147	152	5	1	0.3	5	32
V09DDH-3	253361	46.3296	47.8536	1.524	152	157	5	1	0.2	5	39
V09DDH-3	253362	47.8536	49.3776	1.524	157	162	5	12	0.3	20	58
V09DDH-3	253363	49.3776	50.9016	1.524	162	167	5	24	0.4	6	50
V09DDH-3	253364	83.82	85.344	1.524	275	280	5	13	0.2	5	39
V09DDH-3	253365	85.344	86.868	1.524	280	285	5	12	0.4	7	23
V09DDH-3	253366	86.868	88.392	1.524	285	290	5	60	0.2	14	61
V09DDH-3	253367	88.392	89.916	1.524	290	295	5	825	0.8	6	54
V09DDH-3	253368	115.824	117.348	1.524	380	385	5	7	0.2	10	57
V09DDH-3	253369	117.348	118.872	1.524	385	390	5	1	0.3	5	51
V09DDH-3	253370	118.872	120.396	1.524	390	395	5	1	0.4	11	58
V09DDH-3	253371	120.396	121.92	1.524	395	400	5	1	0.2	5	54
V09DDH-3	253372	121.92	123.444	1.524	400	405	5	1	0.4	33	48

APPENDIX B DRILL HOLE SAMPLE RECORD page 4

DDH #	Sample No	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Au ppb	Ag ppm	As ppm	Cu ppm
V09DDH-3	253373	123.444	124.968	1.524	405	410	5	1	0.2	31	35
V09DDH-3	253374	124.968	126.492	1.524	410	415	5	1	0.3	9	32
V09DDH-3	253375	126.492	128.016	1.524	415	420	5	2	0.2	5	53
V09DDH-3	253376	128.016	129.54	1.524	420	425	5	14	0.4	30	536
V09DDH-3	253377	129.54	131.064	1.524	425	430	5	1	0.3	66	49
V09DDH-3	253378	131.064	132.588	1.524	430	435	5	1	0.3	57	50
V09DDH-3	253379	132.588	134.112	1.524	435	440	5	1	0.2	21	57
V09DDH-3	253380	134.112	135.636	1.524	440	445	5	1	0.4	30	46
V09DDH-3	253381	144.78	146.304	1.524	475	480	5	1	0.3	18	50

APPENDIX B DRILL HOLE SAMPLE RECORD page 5

DDH #	Sample No	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Au ppb	Ag ppm	As ppm	Cu ppm
V09DDH-4	253382	8.6868	9.7536	1.0668	28.5	32	3.5	1	0.1	5	44
V09DDH-4	253383	9.7536	11.2776	1.524	32	37	5	1	0.3	14	23
V09DDH-4	253384	11.2776	12.8016	1.524	37	42	5	7	0.1	6	33
V09DDH-4	253385	12.8016	14.3256	1.524	42	47	5	5	0.2	20	34
V09DDH-4	253386	14.3256	15.8496	1.524	47	52	5	3	0.9	11	113
V09DDH-4	253387	15.8496	17.3736	1.524	52	57	5	2	0.6	26	27
V09DDH-4	253388	17.3736	18.8976	1.524	57	62	5	1	0.7	5	28
V09DDH-4	253389	18.8976	20.4216	1.524	62	67	5	2	0.2	14	21
V09DDH-4	253390	20.4216	21.9456	1.524	67	72	5	1	0.3	5	30
V09DDH-4	253391	27.2796	28.4988	1.2192	89.5	93.5	4	1	0.7	8	36
V09DDH-4	253392	28.4988	29.8704	1.3716	93.5	98	4.5	2	0.6	22	32
V09DDH-4	253393	29.8704	31.3944	1.524	98	103	5	3	0.6	8	23
V09DDH-4	253394	31.3944	32.9184	1.524	103	108	5	1	0.5	5	23
V09DDH-4	253395	32.9184	33.528	0.6096	108	110	2	21	0.8	16	38
V09DDH-4	253396	111.252	112.776	1.524	365	370	5	1	0.6	93	61
V09DDH-4	253397	112.776	114.3	1.524	370	375	5	9	0.4	115	50
V09DDH-4	253398	114.3	115.824	1.524	375	380	5	5	0.7	36	34
V09DDH-4	253399	115.824	117.348	1.524	380	385	5	5	0.6	44	39
V09DDH-4	253400	117.348	118.872	1.524	385	390	5	17	0.1	42	47
V09DDH-4	253401	118.872	120.396	1.524	390	395	5	10	0.5	73	38
V09DDH-4	253402	120.396	121.92	1.524	395	400	5	12	0.6	28	33
V09DDH-4	253403	134.5387	136.8247	2.286	441.4	448.9	7.5	9	0.7	40	54
V09DDH-4	253404	142.3416	143.8656	1.524	467	472	5	10	0.4	47	41
V09DDH-4	253405	143.8656	145.3896	1.524	472	477	5	2	0.6	17	61
V09DDH-4	253406	145.3896	146.9136	1.524	477	482	5	3	0.6	7	46
V09DDH-4	253407	157.2768	158.8008	1.524	516	521	5	7	0.5	11	43
V09DDH-4	253408	158.8008	160.6296	1.8288	521	527	6	6	0.4	7	40

APPENDIX B DRILL HOLE SAMPLE RECORD page 6

DDH #	Sample No	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Au ppb	Ag ppm	As ppm	Cu ppm
V09DDH-5	253409	5.6388	5.9436	0.3048	18.5	19.5	1	37	0.4	7	12
V09DDH-5	253410	5.9436	7.9248	1.9812	19.5	26	6.5	3	0.1	110	22
V09DDH-5	253411	7.9248	9.4488	1.524	26	31	5	2	0.4	87	50
V09DDH-5	253412	9.4488	11.2776	1.8288	31	37	6	2	0.5	35	40
V09DDH-5	253413	12.3444	13.5636	1.2192	40.5	44.5	4	3	0.5	23	27
V09DDH-5	253414	14.478	14.7828	0.3048	47.5	48.5	1	4	0.5	23	41
V09DDH-5	253415	17.6784	18.1356	0.4572	58	59.5	1.5	5	0.5	65	30
V09DDH-5	253416	22.2504	22.5552	0.3048	73	74	1	620	0.8	1849	29
V09DDH-5	253417	22.5552	24.0792	1.524	74	79	5	9	0.5	157	38
V09DDH-5	253418	24.0792	25.908	1.8288	79	85	6	42	0.7	781	35
V09DDH-5	253419	25.908	27.432	1.524	85	90	5	37	0.6	8	49
V09DDH-5	253420	27.432	28.956	1.524	90	95	5	160	0.5	95	80
V09DDH-5	253421	28.956	30.48	1.524	95	100	5	12	0.8	96	103
V09DDH-5	253422	30.48	32.004	1.524	100	105	5	32	0.7	29	104
V09DDH-5	253423	32.004	33.528	1.524	105	110	5	5	0.6	20	79
V09DDH-5	253424	33.528	35.052	1.524	110	115	5	50	0.5	21	12
V09DDH-5	253425	35.052	36.576	1.524	115	120	5	19	0.4	31	54
V09DDH-5	253426	36.576	38.1	1.524	120	125	5	15	0.5	36	67
V09DDH-5	253427	38.1	39.624	1.524	125	130	5	13	1.8	25	42
V09DDH-5	253428	42.9768	44.5008	1.524	141	146	5	140	0.6	8	63
V09DDH-5	253429	44.5008	46.0248	1.524	146	151	5	24	0.6	27	37
V09DDH-5	253430	46.0248	47.8536	1.8288	151	157	6	13	0.5	5	54
V09DDH-5	253431	59.436	60.96	1.524	195	200	5	12	0.4	22	40
V09DDH-5	253432	60.96	62.484	1.524	200	205	5	6	0.3	12	33
V09DDH-5	253433	62.484	64.008	1.524	205	210	5	5	0.4	6	43
V09DDH-5	253434	64.008	65.532	1.524	210	215	5	21	0.5	13	34
V09DDH-5	253435	65.532	67.056	1.524	215	220	5	14	0.6	8	47
V09DDH-5	253436	70.62216	71.74992	1.12776	231.7	235.4	3.7	35	0.7	7	77
V09DDH-5	253437	72.32904	73.7616	1.43256	237.3	242	4.7	18	0.5	6	41
V09DDH-5	253438	73.7616	76.2	2.4384	242	250	8	41	0.4	7	57

APPENDIX C DRILL HOLE LOG page 1

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineral	Comments	% Qtz	Qtz vn	Qtz vn angle	Foliation
V09DDH-1	0.762	1.524	0.762	2.5	5	2.5	1d	qtz, chl	lim, py	0'-2.5' casing	5	0.1-3	65-80	65-70
V09DDH-1	1.524	3.048	1.524	5	10	5	1d	qtz, chl	lim, py		5	0.1-4	60-80	65-75
V09DDH-1	3.048	4.572	1.524	10	15	5	1d	qtz, chl	lim, py	13.2'-13.6' fault zone	8	0.1-2	60-80	65-75
V09DDH-1	4.572	6.096	1.524	15	20	5	1d	qtz, chl	lim, py		8	0.1-2	60-80	65-75
V09DDH-1	6.096	7.62	1.524	20	25	5	1d	qtz, chl	lim, py	20.2'-20.8' fault zone	5	0.1-2	60-80	65-75
V09DDH-1	7.62	9.144	1.524	25	30	5	1d	qtz, chl	lim, py	29.3'-30.8' fault zone	5	0.1-2	60-80	65-75
V09DDH-1	9.144	10.67	1.524	30	35	5	1d	qtz, chl	py	31.5'-40' 25% rec,fault	15	0.1-2	50-75	65-75
V09DDH-1	10.668	12.19	1.524	35	40	5	1d	qtz, chl	py	40' fault zone contact	15	0.1-2	50-75	65-75
V09DDH-1	12.192	13.72	1.524	40	45	5	3a/b	cal, qtz, chl	py		2	0.1-3	50-75	65-75
V09DDH-1	13.716	15.24	1.524	45	50	5	3a/b	cal, chl			2	0.1-1	50-75	65-75
V09DDH-1	15.24	16.76	1.524	50	55	5	3a/b	cal, chl			2	0.1-1	50-75	65-75
V09DDH-1	16.764	18.29	1.524	55	60	5	3a/b	cal, chl			2	0.1-1	50-75	65-75
V09DDH-1	18.288	19.81	1.524	60	65	5	3a/b	cal, chl			2	0.1-1	50-75	65-75
V09DDH-1	19.812	21.34	1.524	65	70	5	3a/b	cal, chl			2	0.1-1	50-75	65-75
V09DDH-1	21.336	22.86	1.524	70	75	5	3a/b	cal, chl			2	0.1-1	50-75	65-75
V09DDH-1	22.86	24.38	1.524	75	80	5	3a/b	cal, chl			2	0.1-1	50-75	65-75
V09DDH-1	24.384	25.91	1.524	80	85	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	25.908	27.43	1.524	85	90	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	27.432	28.96	1.524	90	95	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	28.956	30.48	1.524	95	100	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	30.48	32	1.524	100	105	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	32.004	33.53	1.524	105	110	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	33.528	35.05	1.524	110	115	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	35.052	36.58	1.524	115	120	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	36.576	38.1	1.524	120	125	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	38.1	39.62	1.524	125	130	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	39.624	41.15	1.524	130	135	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	41.148	42.67	1.524	135	140	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	42.672	44.2	1.524	140	145	5	3a/b	cal, chl			2	0.1-1	50-75	60-75
V09DDH-1	44.196	45.72	1.524	145	150	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	45.72	47.24	1.524	150	155	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	47.244	48.77	1.524	155	160	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	48.768	50.29	1.524	160	165	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	50.292	51.82	1.524	165	170	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	51.816	53.34	1.524	170	175	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	53.34	54.86	1.524	175	180	5	3a/b	cal, chl			2	0.1-1	50-75	65-80

APPENDIX C DRILL HOLE LOG page 2

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineral	Comments	% Qtz	Qtz vn	Qtz vn angle	Foliation
V09DDH-1	54.864	56.39	1.524	180	185	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	56.388	57.91	1.524	185	190	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	57.912	59.44	1.524	190	195	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	59.436	60.96	1.524	195	200	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	60.96	62.48	1.524	200	205	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	62.484	64.01	1.524	205	210	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	64.008	65.53	1.524	210	215	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	65.532	67.06	1.524	215	220	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	67.056	68.58	1.524	220	225	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	68.58	70.1	1.524	225	230	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	70.104	71.63	1.524	230	235	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	71.628	73.15	1.524	235	240	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	73.152	74.68	1.524	240	245	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	74.676	76.2	1.524	245	250	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	76.2	77.72	1.524	250	255	5	3a/b	cal, chl, ep			2	0.1-1	50-75	65-80
V09DDH-1	77.724	79.25	1.524	255	260	5	3a/b	cal, chl			2	0.1-1	50-75	65-80
V09DDH-1	79.248	80.77	1.524	260	265	5	3a/b	cal, chl			2	0.1-1	50-75	70-80
V09DDH-1	80.772	82.3	1.524	265	270	5	3a/b	cal, chl			2	0.1-1	50-75	70-80
V09DDH-1	82.296	83.82	1.524	270	275	5	3a/b	cal, chl			2	0.1-1	50-75	70-80
V09DDH-1	83.82	85.34	1.524	275	280	5	3a/b, 1d	cal, qtz, chl	py	278' contact @78 deg	8	0.1-3	20-70	70-80
V09DDH-1	85.344	86.87	1.524	280	285	5	1d	qtz, chl	py	279'-281' contorted fol	5	0.1-3	20-70	70-80
V09DDH-1	86.868	88.39	1.524	285	290	5	1d	qtz, chl	py	285'-286.5' contorted fol	4	0.1-3	20-70	70-80
V09DDH-1	88.392	89.92	1.524	290	295	5	1d	qtz, chl	py		4	0.1-3	75-85	70-80
V09DDH-1	89.916	91.44	1.524	295	300	5	3a/b, 1d	qtz, cal, chl	py		4	0.1-3	75-85	70-80
V09DDH-1	91.44	92.96	1.524	300	305	5	3a/b, 1d	qtz, cal, chl	py		4	0.1-3	75-85	70-80
V09DDH-1	92.964	94.49	1.524	305	310	5	1d	qtz, chl	py	305'-309.1 pink K-spar alt	2	0.1-1	75-85	70-80
V09DDH-1	94.488	96.01	1.524	310	315	5	1d	qtz, chl	py		4	0.1-1	75-85	70-80
V09DDH-1	96.012	97.54	1.524	315	320	5	1d	qtz, chl	py, cpy	317'-319.5' 50% qtz,	12	0.1-5	75-85	15-80
V09DDH-1	97.536	99.06	1.524	320	325	5	1d	qtz, chl	py		4	0.1-1	75-85	15-80
V09DDH-1	99.06	100.6	1.524	325	330	5	1d	qtz, chl	py		4	0.1-1	75-85	15-80
V09DDH-1	100.584	102.1	1.524	330	335	5	1d	qtz, chl	py		8	0.1-4	75-85	55-75
V09DDH-1	102.108	103.6	1.524	335	340	5	1d	qtz, chl	py		4	0.1-2	75-85	55-75
V09DDH-1	103.632	105.2	1.524	340	345	5	1d	qtz, chl	py		4	0.1-1	75-85	55-75
V09DDH-1	105.156	106.7	1.524	345	350	5	1d	qtz, chl	py		4	0.1-1	75-85	55-75
V09DDH-1	106.68	108.2	1.524	350	355	5	1d	qtz, chl	py		4	0.1-2	75-85	55-75
V09DDH-1	108.204	109.7	1.524	355	360	5	1d	qtz, chl	py		4	0.1-1	75-85	55-75
V09DDH-1	109.728	111.3	1.524	360	365	5	1d	qtz, chl	py		4	0.1-1	75-85	55-75
V09DDH-1	111.252	112.8	1.524	365	370	5	1d	qtz, chl	py	370' EOH	4	0.1-2	75-85	55-75

APPENDIX C DRILL HOLE LOG page 3

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineralization	Comments	% Qtz	Qtz vn (cm)	Qtz vn (deg)	Foliation
V09DDH-2	0	1.524	1.524	0	5	5	3a/b	qtz, cal, chl	lim, py	0'-3' casing	3	0.1-1	55-80	70-85
V09DDH-2	1.524	3.048	1.524	5	10	5	3a/b	qtz, cal, chl	lim, py		3	0.1-1	55-80	70-85
V09DDH-2	3.048	4.572	1.524	10	15	5	3a/b	qtz, cal, chl	lim, py	3-5% as bands	4	0.1-1	55-80	70-85
V09DDH-2	4.572	6.096	1.524	15	20	5	3a/b	qtz, cal, chl	lim, py	3-5% biotite	4	0.1-1	55-80	70-85
V09DDH-2	6.096	7.62	1.524	20	25	5	3a/b	qtz, cal, chl	lim, py	3-5% biotite	4	0.1-1	55-80	70-85
V09DDH-2	7.62	9.144	1.524	25	30	5	3a/b	qtz, cal, chl	lim, py	24'-24.5' fault zone	6	0.1-1	55-80	70-85
V09DDH-2	9.144	10.668	1.524	30	35	5	3a/b	qtz, cal, chl	py	30'-32' 40% qtz,	18	0.1-24	60-75	75-85
V09DDH-2	10.668	12.192	1.524	35	40	5	3a/b	qtz, cal, chl	py		4	0.1-1	60-75	75-85
V09DDH-2	12.192	13.716	1.524	40	45	5	3a/b	qtz, cal, chl	py		3	0.1-1	60-75	75-85
V09DDH-2	13.716	15.24	1.524	45	50	5	3a/b	clay, chl, qtz	lim, py	47.8'-47.9' fault,clay	3	0.1-1	60-75	65-80
V09DDH-2	15.24	16.764	1.524	50	55	5	3a/b	qtz, cal, chl	py		2	0.1-1	60-75	65-80
V09DDH-2	16.764	18.288	1.524	55	60	5	3a/b, 1d	qtz, cal, chl	py	57.5'-58' 1d schist	5	0.1-1	55-75	65-80
V09DDH-2	18.288	19.812	1.524	60	65	5	3a/b	qtz, cal, chl	py	60'-62' 1d schist	5	0.1-1	55-75	65-80
V09DDH-2	19.812	21.336	1.524	65	70	5	3a/b	qtz, cal, chl	py		5	0.1-1	55-75	65-80
V09DDH-2	21.336	22.86	1.524	70	75	5	3a/b	qtz, cal, chl	py		3	0.1-1	55-75	65-80
V09DDH-2	22.86	24.384	1.524	75	80	5	3a/b	qtz, cal, chl	py		3	0.1-2	55-75	65-80
V09DDH-2	24.384	25.908	1.524	80	85	5	3a/b	clay, chl, qtz	py	82.6'-82.9' fault zone	5	0.1-1	55-75	40-65
V09DDH-2	25.908	27.432	1.524	85	90	5	3a/b	qtz, cal, chl	py		4	0.1-3	30-55	40-65
V09DDH-2	27.432	28.956	1.524	90	95	5	3a/b	qtz, cal, chl	py		3	0.1-1	30-55	40-65
V09DDH-2	28.956	30.48	1.524	95	100	5	3a/b, 1d	qtz, cal, chl	py	94' contact	3	0.1-1	30-55	40-65
V09DDH-2	30.48	32.004	1.524	100	105	5	1d	qtz, chl	py		7	0.1-1	50-75	40-65
V09DDH-2	32.004	33.528	1.524	105	110	5	1d	qtz, chl	py		5	0.1-1	50-75	50-75
V09DDH-2	33.528	35.052	1.524	110	115	5	1d	qtz, chl	py		5	0.1-1	50-75	50-75
V09DDH-2	35.052	36.576	1.524	115	120	5	1d	qtz, chl	py		7	0.1-1	50-75	50-75
V09DDH-2	36.576	38.1	1.524	120	125	5	1d	qtz, chl	py		4	0.1-1	50-75	50-75
V09DDH-2	38.1	39.624	1.524	125	130	5	1d	qtz, chl	py		5	0.1-1	50-75	50-75
V09DDH-2	39.624	41.148	1.524	130	135	5	1d	qtz, chl	py		3	0.1-1	50-75	50-75
V09DDH-2	41.148	42.672	1.524	135	140	5	1d	qtz, chl	py		3	0.1-1	50-75	50-75
V09DDH-2	42.672	44.196	1.524	140	145	5	1d	qtz, chl	py		6	0.1-5	50-75	50-75
V09DDH-2	44.196	45.72	1.524	145	150	5	1d	qtz, chl	py		3	0.1-2	50-75	50-75
V09DDH-2	45.72	47.244	1.524	150	155	5	1d	qtz, chl	py		5	0.1-2	50-75	50-75
V09DDH-2	47.244	48.768	1.524	155	160	5	1d	qtz, chl	py	160' EOH	8	0.1-2	60-80	50-75

APPENDIX C DRILL HOLE LOG page 4

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineralization	Comments	% Qtz	Qtz vn (cm)	Qtz vn (deg)	Foliation
V09DDH-3	0	1.524	1.524	0	5	5	1d, 2a	qtz, chl	lim, py	0'-4' casing	4	0.1-2	20-75	30-65
V09DDH-3	1.524	3.048	1.524	5	10	5	2a	qtz, chl	lim, py	4-18' gneiss (meta-greywacke)	4	0.1-1	20-75	30-65
V09DDH-3	3.048	4.572	1.524	10	15	5	1d, 2a	qtz, chl	lim, py	sharp contacts @ 30-65 deg to ca	5	0.1-2	20-75	30-65
V09DDH-3	4.572	6.096	1.524	15	20	5	1d	qtz, chl	lim, py	18'-19.5' 30% qtz 1-8 cm @ 30-80 deg	12	0.1-8	30-80	30-65
V09DDH-3	6.096	7.62	1.524	20	25	5	1d	qtz, chl	lim, py	18'-81.7' 1d biotite-garnet-staur-andalu-schist	5	0.1-2	30-80	30-65
V09DDH-3	7.62	9.144	1.524	25	30	5	1d	qtz, chl	lim, py		5	0.1-2	30-80	30-65
V09DDH-3	9.144	10.668	1.524	30	35	5	1d	qtz, chl	py		5	0.1-2	40-55	30-50
V09DDH-3	10.668	12.192	1.524	35	40	5	1d	qtz, chl	py		5	0.1-3	40-50	45-50
V09DDH-3	12.192	13.716	1.524	40	45	5	1d	qtz, chl	py		10	0.1-6	30-45	30-45
V09DDH-3	13.716	15.24	1.524	45	50	5	1d	qtz, chl	py		6	0.1-4	30-50	30-50
V09DDH-3	15.24	16.764	1.524	50	55	5	1d	qtz, chl	py		4	0.1-1	50-75	40-60
V09DDH-3	16.764	18.288	1.524	55	60	5	1d	qtz, chl	py		5	0.1-2	30-45	30-45
V09DDH-3	18.288	19.812	1.524	60	65	5	1d	qtz, chl	py	64'-64.2' fault zone, contorted foliation 0-80 deg	5	0.1-5	40-50	40-50
V09DDH-3	19.812	21.336	1.524	65	70	5	1d	qtz, chl	py	67.3'-68' fault zone, 68'-71' foliation @ 0-20 deg to ca	5	0.1-5	20-50	15-45
V09DDH-3	21.336	22.86	1.524	70	75	5	1d	qtz, chl	py	71'-72.2' 80% qtz, 1-30 cm, contact @ 0-70 deg to ca	8	0.1-30	0-70	15-45
V09DDH-3	22.86	24.384	1.524	75	80	5	1d	qtz, chl	py	74'-78.5' 35% qtz, 1-15 cm veins @ 35-75 deg to ca	8	0.1-15	45-55	30-80
V09DDH-3	24.384	25.908	1.524	80	85	5	1d	qtz, chl	py	81.7'-82.7 2a gneiss (meta-grwk) foliation contorted	5	0.1-4	50-75	30-80
V09DDH-3	25.908	27.432	1.524	85	90	5	1d	qtz, chl	py	82.7'-112' 1d biotite-garnet-staur-andalu-schist	5	0.1-2	30-55	35-70
V09DDH-3	27.432	28.956	1.524	90	95	5	1d	qtz, chl	py		8	0.1-2	30-55	35-70
V09DDH-3	28.956	30.48	1.524	95	100	5	1d	qtz, chl	py	97'-107' 40% qtz vns 1-15 cm, 55% recovery, fault zone	30	0.1-20	15-45	35-70
V09DDH-3	30.48	32.004	1.524	100	105	5	1d	qtz, chl	py		40	0.1-30	15-45	35-70
V09DDH-3	32.004	33.528	1.524	105	110	5	1d	qtz, chl	py		10	0.1-5	15-45	35-70
V09DDH-3	33.528	35.052	1.524	110	115	5	1d, 2a	qtz, chl	py	112'-117' fault zone, 65% recovery	10	0.1-15	50-70	45-70
V09DDH-3	35.052	36.576	1.524	115	120	5	1d	qtz, chl	py	112'-112.9' 2a gneiss (meta-greywacke)	10	0.1-6	50-70	45-70
V09DDH-3	36.576	38.1	1.524	120	125	5	1d	qtz, chl	py	112.9'-152' 1d biotite-garnet-staur-andalu-schist	8	0.1-10	15-80	35-70
V09DDH-3	38.1	39.624	1.524	125	130	5	1d	qtz, chl	py	119'-122' 40% qtz, 1-5 cm, @ 30-40 degrees to ca	8	0.1-4	45-55	45-55
V09DDH-3	39.624	41.148	1.524	130	135	5	1d	qtz, chl	py	123.1'-126.6' 30% qtz, 1-5 cm, @ 15-80 degrees to ca	5	0.1-4	30-65	45-60
V09DDH-3	41.148	42.672	1.524	135	140	5	1d	qtz, chl	py	126.9'-129.1' 30% qtz, 1-10 cm, @ 45-55 degrees to ca	4	0.1-2	30-65	45-60
V09DDH-3	42.672	44.196	1.524	140	145	5	1d, 2a	qtz, chl	py	152'-154' 2a gneiss (meta-greywacke)	3	0.1-2	30-65	45-60
V09DDH-3	44.196	45.72	1.524	145	150	5	1d	qtz, chl	py	150'-151.7' fault zone, broken ground	3	0.1-2	30-65	45-60
V09DDH-3	45.72	47.244	1.524	150	155	5	1d, 2a, 3a/b	cal, chl, qtz	py	154'-389.2' 3a/b amphibolite (meta-tuff/flow)	3	0.1-2	30-65	45-60
V09DDH-3	47.244	48.768	1.524	155	160	5	3a/b	cal, chl	py	154'-167' increased chlorite-calcite alteration in unit 3 a/b	3	0.1-2	30-65	45-60
V09DDH-3	48.768	50.292	1.524	160	165	5	3a/b	cal, chl	py		3	0.1-1	30-65	45-60
V09DDH-3	50.292	51.816	1.524	165	170	5	3a/b	cal, chl	py		3	0.1-1	30-65	45-60
V09DDH-3	51.816	53.34	1.524	170	175	5	3a/b	cal, chl	py		3	0.1-1	30-65	45-60
V09DDH-3	53.34	54.864	1.524	175	180	5	3a/b	cal, chl	py		3	0.1-1	30-65	45-60

APPENDIX C DRILL HOLE LOG page 5

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineralization	Comments	% Qtz	Qtz vn (cm)	Qtz vn (deg)	Foliation
V09DDH-3	54.864	56.388	1.524	180	185	5	3a/b	cal, chl	py		3	0.1-1	30-65	45-60
V09DDH-3	56.388	57.912	1.524	185	190	5	3a/b	cal, chl	py		3	0.1-1	30-65	45-60
V09DDH-3	57.912	59.436	1.524	190	195	5	3a/b	cal, chl	py		3	0.1-1	30-65	45-60
V09DDH-3	59.436	60.96	1.524	195	200	5	3a/b	cal, chl	py		3	0.1-1	30-65	45-60
V09DDH-3	60.96	62.484	1.524	200	205	5	3a/b	cal, chl	py		3	0.1-1	30-65	45-60
V09DDH-3	62.484	64.008	1.524	205	210	5	3a/b	cal, chl	py		2	0.1-1	30-65	45-60
V09DDH-3	64.008	65.532	1.524	210	215	5	3a/b	cal, chl	py		2	0.1-1	30-65	45-60
V09DDH-3	65.532	67.056	1.524	215	220	5	3a/b	cal, chl	py		2	0.1-1	30-65	45-60
V09DDH-3	67.056	68.58	1.524	220	225	5	3a/b	cal, chl	py		2	0.1-1	30-65	40-60
V09DDH-3	68.58	70.104	1.524	225	230	5	3a/b	cal, chl	py		2	0.1-1	30-65	40-60
V09DDH-3	70.104	71.628	1.524	230	235	5	3a/b	cal, chl	py		2	0.1-1	30-65	40-60
V09DDH-3	71.628	73.152	1.524	235	240	5	3a/b	cal, chl	py		2	0.1-1	30-65	40-60
V09DDH-3	73.152	74.676	1.524	240	245	5	3a/b	cal, chl	py		2	0.1-1	30-65	40-60
V09DDH-3	74.676	76.2	1.524	245	250	5	3a/b	cal, chl	py		2	0.1-1	30-65	45-60
V09DDH-3	76.2	77.724	1.524	250	255	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-3	77.724	79.248	1.524	255	260	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-3	79.248	80.772	1.524	260	265	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-3	80.772	82.296	1.524	265	270	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-3	82.296	83.82	1.524	270	275	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-3	83.82	85.344	1.524	275	280	5	3a/b	cal, chl	py	275'-390' increased chlorite-calcite alteration	2	0.1-3	40-70	45-60
V09DDH-3	85.344	86.868	1.524	280	285	5	3a/b	cal, chl	py		2	0.1-3	55-75	45-60
V09DDH-3	86.868	88.392	1.524	285	290	5	3a/b	cal, chl	py		2	0.1-3	55-75	70-80
V09DDH-3	88.392	89.916	1.524	290	295	5	3a/b	cal, chl	py	290'-295' 12% calcite veins, minor qtz veins	5	0.1-3	55-75	70-80
V09DDH-3	89.916	91.44	1.524	295	300	5	3a/b	cal, chl	py		2	0.1-3	55-75	70-80
V09DDH-3	91.44	92.964	1.524	300	305	5	3a/b	cal, chl	py		2	0.1-3	55-75	70-80
V09DDH-3	92.964	94.488	1.524	305	310	5	3a/b	cal, chl	py		2	0.1-1	55-75	70-80
V09DDH-3	94.488	96.012	1.524	310	315	5	3a/b	cal, chl	py		2	0.1-1	55-75	70-80
V09DDH-3	96.012	97.536	1.524	315	320	5	3a/b	cal, chl	py		2	0.1-5	75-85	15-80
V09DDH-3	97.536	99.06	1.524	320	325	5	3a/b	cal, chl	py		2	0.1-1	75-85	15-80
V09DDH-3	99.06	100.584	1.524	325	330	5	3a/b	cal, chl	py		2	0.1-1	75-85	15-80
V09DDH-3	100.584	102.108	1.524	330	335	5	3a/b	cal, chl	py		2	0.1-4	75-85	55-75
V09DDH-3	102.108	103.632	1.524	335	340	5	3a/b	cal, chl	py		2	0.1-2	75-85	55-75
V09DDH-3	103.632	105.156	1.524	340	345	5	3a/b	cal, chl	py		2	0.1-1	75-85	55-75
V09DDH-3	105.156	106.68	1.524	345	350	5	3a/b	cal, chl	py		2	0.1-1	75-85	55-75
V09DDH-3	106.68	108.204	1.524	350	355	5	3a/b	cal, chl	py		2	0.1-2	75-85	55-75
V09DDH-3	108.204	109.728	1.524	355	360	5	3a/b	cal, chl	py		2	0.1-1	75-85	55-75
V09DDH-3	109.728	111.252	1.524	360	365	5	3a/b	cal, chl	py		2	0.1-1	75-85	55-75

APPENDIX C DRILL HOLE LOG page 6

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineralization	Comments	% Qtz	Qtz vn (cm)	Qtz vn (deg)	Foliation
V09DDH-3	111.252	112.776	1.524	365	370	5	3a/b	cal, chl	py		2	0.1-2	75-85	55-75
V09DDH-3	112.776	114.3	1.524	370	375	5	3a/b	cal, chl	py		3	0.1-4	75-85	55-75
V09DDH-3	114.3	115.824	1.524	375	380	5	3a/b	cal, chl	py		3	0.1-2	75-85	55-75
V09DDH-3	115.824	117.348	1.524	380	385	5	3a/b	cal, chl	py		3	0.1-1	60-65	55-75
V09DDH-3	117.348	118.872	1.524	385	390	5	3a/b, 1d	cal, chl, qtz	py	389.2'-416.9' 1d biotite-garnet-staur-andalu-schist	4	0.1-1	60-65	55-75
V09DDH-3	118.872	120.396	1.524	390	395	5	1d	qtz, chl	py	gradational contact	6	0.1-2	30-55	35-60
V09DDH-3	120.396	121.92	1.524	395	400	5	1d	qtz, chl	py		5	0.1-1	30-55	35-60
V09DDH-3	121.92	123.444	1.524	400	405	5	1d	qtz, chl	py	404.7'-404.8' fault zone, clay	3	0.1-1	45-80	45-60
V09DDH-3	123.444	124.968	1.524	405	410	5	1d	qtz, chl	py		3	0.1-2	45-75	50-70
V09DDH-3	124.968	126.492	1.524	410	415	5	1d	qtz, chl	py		3	0.1-4	50-70	50-70
V09DDH-3	126.492	128.016	1.524	415	420	5	3a/b, 1d	cal, chl, qtz	py	416.9'-422.8' 3a/b amphibolite (meta-tuff/flow)	4	0.1-2	55-70	50-70
V09DDH-3	128.016	129.54	1.524	420	425	5	3a/b, 1d	cal, chl, qtz	py	422.8'-480' 1d biotite-garnet-staur-andalu-schist	4	0.1-1	55-70	50-70
V09DDH-3	129.54	131.064	1.524	425	430	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-3	131.064	132.588	1.524	430	435	5	1d	qtz, chl	py		3	0.1-2	55-70	50-70
V09DDH-3	132.588	134.112	1.524	435	440	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-3	134.112	135.636	1.524	440	445	5	1d	qtz, chl	py		2	0.1-1	55-70	50-70
V09DDH-3	135.636	137.16	1.524	445	450	5	1d	qtz, chl	py		2	0.1-4	55-70	50-70
V09DDH-3	137.16	138.684	1.524	450	455	5	1d	qtz, chl	py		2	0.1-2	55-70	50-70
V09DDH-3	138.684	140.208	1.524	455	460	5	1d	qtz, chl	py		4	0.1-1	55-70	50-70
V09DDH-3	140.208	141.732	1.524	460	465	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-3	141.732	143.256	1.524	465	470	5	1d	qtz, chl	py		4	0.1-2	55-70	50-70
V09DDH-3	143.256	144.78	1.524	470	475	5	1d	qtz, chl	py		5	0.1-3	55-70	50-70
V09DDH-3	144.78	146.304	1.524	475	480	5	1d	qtz, chl	py	480' EOH	6	0.1-3	55-70	50-70

APPENDIX C DRILL HOLE LOG page 7

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineralization	Comments	% Qtz	Qtz vn (cm)	Qtz vn deg	Foliation
V09DDH-4	0	1.524	1.524	0	5	5	1d	qtz, chl	lim, py	0'-4' casing	4	0.1-2	30-65	30-65
V09DDH-4	1.524	3.048	1.524	5	10	5	1d	qtz, chl	lim, py	4-32' 1d biotite-garnet-andalu-staur schist	4	0.1-1	30-65	30-65
V09DDH-4	3.048	4.572	1.524	10	15	5	1d	qtz, chl	lim, py		5	0.1-2	30-65	30-65
V09DDH-4	4.572	6.096	1.524	15	20	5	1d	qtz, chl	lim, py		5	0.1-3	30-65	30-65
V09DDH-4	6.096	7.62	1.524	20	25	5	1d	qtz, chl	lim, py		5	0.1-2	30-65	30-65
V09DDH-4	7.62	9.144	1.524	25	30	5	1d	qtz, chl	lim, py		5	0.1-2	30-65	30-65
V09DDH-4	9.144	10.668	1.524	30	35	5	1d, 2a	qtz, chl	py	32'-42' 2a, 1d intercalated schist/gneiss bands	5	0.1-2	30-65	30-50
V09DDH-4	10.668	12.192	1.524	35	40	5	1d, 2a	qtz, chl	py		5	0.1-3	40-50	45-50
V09DDH-4	12.192	13.716	1.524	40	45	5	1d, 2a	qtz, chl	py	42'-108' 1d biotite-garnet-andalu-staur schist	5	0.1-3	50-75	30-45
V09DDH-4	13.716	15.24	1.524	45	50	5	1d	qtz, chl	py		8	0.1-3	45-75	45-80
V09DDH-4	15.24	16.764	1.524	50	55	5	1d	qtz, chl	py		4	0.1-1	45-75	45-80
V09DDH-4	16.764	18.288	1.524	55	60	5	1d	qtz, chl	py		6	0.1-3	50-80	50-80
V09DDH-4	18.288	19.812	1.524	60	65	5	1d	qtz, chl	py	63'-64' fault zone, broken ground, 85% recovery	6	0.1-3	65-75	55-75
V09DDH-4	19.812	21.336	1.524	65	70	5	1d	qtz, chl	py		7	0.1-5	65-75	55-75
V09DDH-4	21.336	22.86	1.524	70	75	5	1d	qtz, chl	py	72'-82' fault zone, broken ground, 98% recovery	3	0.1-6	65-75	55-75
V09DDH-4	22.86	24.384	1.524	75	80	5	1d	qtz, chl	py		5	0.1-3	45-55	30-80
V09DDH-4	24.384	25.908	1.524	80	85	5	1d	qtz, chl	py		5	0.1-4	50-75	30-80
V09DDH-4	25.908	27.432	1.524	85	90	5	1d	qtz, chl	py	89.5'-93.5' 12% qtz, 1-5 cm, @ 50-80 degrees to ca	6	0.1-5	30-55	35-70
V09DDH-4	27.432	28.956	1.524	90	95	5	1d	qtz, chl	py		4	0.1-2	30-55	35-70
V09DDH-4	28.956	30.48	1.524	95	100	5	1d	qtz, chl	py		4	0.1-3	35-60	35-70
V09DDH-4	30.48	32.004	1.524	100	105	5	1d	qtz, chl	py		3	0.1-3	35-60	35-70
V09DDH-4	32.004	33.528	1.524	105	110	5	1d, 3a/b	qtz, chl, cal	py	108'-370' 3a/b amphibolite (meta-tuff/flow)	3	0.1-5	35-60	35-70
V09DDH-4	33.528	35.052	1.524	110	115	5	3a/b	cal, chl	py	108'-110' 10% qtz, 1-8 cm, @ 30-50 degrees to ca	3	0.1-1	30-60	30-60
V09DDH-4	35.052	36.576	1.524	115	120	5	3a/b	cal, chl	py		3	0.1-6	50-70	45-70
V09DDH-4	36.576	38.1	1.524	120	125	5	3a/b	cal, chl	py		4	0.1-1	25-75	35-70
V09DDH-4	38.1	39.624	1.524	125	130	5	3a/b	cal, chl	py		8	0.1-4	45-55	45-55
V09DDH-4	39.624	41.148	1.524	130	135	5	3a/b	cal, chl	py		5	0.1-4	40-65	45-60
V09DDH-4	41.148	42.672	1.524	135	140	5	3a/b	cal, chl	py		4	0.1-2	40-65	45-60
V09DDH-4	42.672	44.196	1.524	140	145	5	3a/b	cal, chl	py		3	0.1-2	40-65	45-60
V09DDH-4	44.196	45.72	1.524	145	150	5	3a/b	cal, chl	py		3	0.1-2	40-65	45-60
V09DDH-4	45.72	47.244	1.524	150	155	5	3a/b	cal, chl	py		3	0.1-2	40-65	45-60
V09DDH-4	47.244	48.768	1.524	155	160	5	3a/b	cal, chl	py		3	0.1-2	40-65	45-60
V09DDH-4	48.768	50.292	1.524	160	165	5	3a/b	cal, chl	py		3	0.1-1	40-65	45-60
V09DDH-4	50.292	51.816	1.524	165	170	5	3a/b	cal, chl	py		3	0.1-1	40-65	45-60
V09DDH-4	51.816	53.34	1.524	170	175	5	3a/b	cal, chl	py		3	0.1-1	40-65	45-60
V09DDH-4	53.34	54.864	1.524	175	180	5	3a/b	cal, chl	py		3	0.1-1	40-65	45-60

APPENDIX C DRILL HOLE LOG page 8

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineralization	Comments	% Qtz	Qtz vn (cm)	Qtz vn deg	Foliation
V09DDH-4	54.864	56.388	1.524	180	185	5	3a/b	cal, chl	py		3	0.1-1	40-65	45-60
V09DDH-4	56.388	57.912	1.524	185	190	5	3a/b	cal, chl	py		3	0.1-1	40-65	45-60
V09DDH-4	57.912	59.436	1.524	190	195	5	3a/b	cal, chl	py		3	0.1-1	40-65	45-60
V09DDH-4	59.436	60.96	1.524	195	200	5	3a/b	cal, chl	py		3	0.1-1	40-65	45-60
V09DDH-4	60.96	62.484	1.524	200	205	5	3a/b	cal, chl	py		3	0.1-1	45-60	45-60
V09DDH-4	62.484	64.008	1.524	205	210	5	3a/b	cal, chl	py		2	0.1-1	45-60	45-60
V09DDH-4	64.008	65.532	1.524	210	215	5	3a/b	cal, chl	py		2	0.1-1	45-60	45-60
V09DDH-4	65.532	67.056	1.524	215	220	5	3a/b	cal, chl	py		2	0.1-1	45-60	45-60
V09DDH-4	67.056	68.58	1.524	220	225	5	3a/b	cal, chl	py		2	0.1-1	45-60	40-60
V09DDH-4	68.58	70.104	1.524	225	230	5	3a/b	cal, chl	py		2	0.1-1	45-60	40-60
V09DDH-4	70.104	71.628	1.524	230	235	5	3a/b	cal, chl	py		2	0.1-1	45-60	40-60
V09DDH-4	71.628	73.152	1.524	235	240	5	3a/b	cal, chl	py		2	0.1-1	45-60	40-60
V09DDH-4	73.152	74.676	1.524	240	245	5	3a/b	cal, chl	py		2	0.1-1	45-60	40-60
V09DDH-4	74.676	76.2	1.524	245	250	5	3a/b	cal, chl	py		2	0.1-1	30-65	45-60
V09DDH-4	76.2	77.724	1.524	250	255	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-4	77.724	79.248	1.524	255	260	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-4	79.248	80.772	1.524	260	265	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-4	80.772	82.296	1.524	265	270	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-4	82.296	83.82	1.524	270	275	5	3a/b	cal, chl	py		2	0.1-1	40-70	45-60
V09DDH-4	83.82	85.344	1.524	275	280	5	3a/b	cal, chl	py		2	0.1-3	40-70	45-60
V09DDH-4	85.344	86.868	1.524	280	285	5	3a/b	cal, chl	py		2	0.1-3	55-75	45-60
V09DDH-4	86.868	88.392	1.524	285	290	5	3a/b	cal, chl	py		2	0.1-3	55-75	70-80
V09DDH-4	88.392	89.916	1.524	290	295	5	3a/b	cal, chl	py		5	0.1-3	55-75	70-80
V09DDH-4	89.916	91.44	1.524	295	300	5	3a/b	cal, chl	py		2	0.1-3	55-75	70-80
V09DDH-4	91.44	92.964	1.524	300	305	5	3a/b	cal, chl	py		2	0.1-3	55-75	70-80
V09DDH-4	92.964	94.488	1.524	305	310	5	3a/b	cal, chl	py		2	0.1-1	55-75	70-80
V09DDH-4	94.488	96.012	1.524	310	315	5	3a/b	cal, chl	py		2	0.1-1	55-75	70-80
V09DDH-4	96.012	97.536	1.524	315	320	5	3a/b	cal, chl	py		2	0.1-5	75-85	15-80
V09DDH-4	97.536	99.06	1.524	320	325	5	3a/b	cal, chl	py		2	0.1-1	75-85	15-80
V09DDH-4	99.06	100.584	1.524	325	330	5	3a/b	cal, chl	py		2	0.1-1	75-85	15-80
V09DDH-4	100.584	102.108	1.524	330	335	5	3a/b	cal, chl	py		2	0.1-4	75-85	55-75
V09DDH-4	102.108	103.632	1.524	335	340	5	3a/b	cal, chl	py		2	0.1-2	75-85	55-75
V09DDH-4	103.632	105.156	1.524	340	345	5	3a/b	cal, chl	py		2	0.1-1	75-85	55-75
V09DDH-4	105.156	106.68	1.524	345	350	5	3a/b	cal, chl	py		2	0.1-1	75-85	55-75
V09DDH-4	106.68	108.204	1.524	350	355	5	3a/b	cal, chl	py		2	0.1-2	75-85	55-75
V09DDH-4	108.204	109.728	1.524	355	360	5	3a/b	cal, chl	py		2	0.1-1	75-85	55-75
V09DDH-4	109.728	111.252	1.524	360	365	5	3a/b	cal, chl	py	365'-370' 8% calcite veins, minor qtz	2	0.1-1	75-85	55-75

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineralization	Comments	% Qtz	Qtz vn (cm)	Qtz vn deg	Foliation
V09DDH-4	111.252	112.776	1.524	365	370	5	3a/b	cal, chl	py	370'-440.4' 1d biotite-garnet-andalu-staur schist	2	0.1-2	75-85	55-75
V09DDH-4	112.776	114.3	1.524	370	375	5	1d	qtz, chl	py	gradational contact	3	0.1-4	75-85	55-75
V09DDH-4	114.3	115.824	1.524	375	380	5	1d	qtz, chl	py		3	0.1-2	75-85	55-75
V09DDH-4	115.824	117.348	1.524	380	385	5	1d	qtz, chl	py		3	0.1-1	60-65	55-75
V09DDH-4	117.348	118.872	1.524	385	390	5	1d	qtz, chl	py	384'-385' qtz x-vns,D2 qtz X D1 qtz vns @ 90 deg	8	0.1-4	60-70	55-75
V09DDH-4	118.872	120.396	1.524	390	395	5	1d	qtz, chl	py		6	0.1-2	60-70	55-75
V09DDH-4	120.396	121.92	1.524	395	400	5	1d	qtz, chl	py		5	0.1-1	60-70	55-75
V09DDH-4	121.92	123.444	1.524	400	405	5	1d	qtz, chl	py		3	0.1-1	45-80	55-75
V09DDH-4	123.444	124.968	1.524	405	410	5	1d	qtz, chl	py		3	0.1-2	45-75	50-70
V09DDH-4	124.968	126.492	1.524	410	415	5	1d	qtz, chl	py		3	0.1-4	50-70	50-70
V09DDH-4	126.492	128.016	1.524	415	420	5	1d	qtz, chl	py		4	0.1-2	55-70	50-70
V09DDH-4	128.016	129.54	1.524	420	425	5	1d	qtz, chl	py		4	0.1-1	55-70	50-70
V09DDH-4	129.54	131.064	1.524	425	430	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-4	131.064	132.588	1.524	430	435	5	1d	qtz, chl	py		3	0.1-2	55-70	50-70
V09DDH-4	132.588	134.112	1.524	435	440	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-4	134.112	135.636	1.524	440	445	5	1d, 5a	qtz, chl	py	440.4'-441.4' 5a Aplitic dyke/sill (Eocene) leuc, f gr	2	0.1-1	55-70	50-70
V09DDH-4	135.636	137.16	1.524	445	450	5	1d, 5a	qtz, chl	py	441.4'-448.9' 1d biotite-garnet-andalu-staur schist	4	0.1-2	55-70	50-70
V09DDH-4	137.16	138.684	1.524	450	455	5	1d, 5a	qtz, chl	py	448.9'-451.5' 5a Aplitic dyke/sill (Eocene) leuc, f gr	4	0.1-2	55-70	50-70
V09DDH-4	138.684	140.208	1.524	455	460	5	1d	qtz, chl	py	451.5'-527' 1d biotite-garnet-andalu-staur schist	4	0.1-1	55-70	50-70
V09DDH-4	140.208	141.732	1.524	460	465	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-4	141.732	143.256	1.524	465	470	5	1d	qtz, chl	py		4	0.1-2	55-70	50-70
V09DDH-4	143.256	144.78	1.524	470	475	5	1d	qtz, chl	py		3	0.1-2	55-70	50-70
V09DDH-4	144.78	146.304	1.524	475	480	5	1d	qtz, chl	py		3	0.1-3	55-70	50-70
V09DDH-4	146.304	147.828	1.524	480	485	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-4	147.828	149.352	1.524	485	490	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-4	149.352	150.876	1.524	490	495	5	1d	qtz, chl	py		4	0.1-4	55-70	50-70
V09DDH-4	150.876	152.4	1.524	495	500	5	1d	qtz, chl	py		4	0.1-2	55-70	50-70
V09DDH-4	152.4	153.924	1.524	500	505	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-4	153.924	155.448	1.524	505	510	5	1d	qtz, chl	py		3	0.1-1	55-70	50-70
V09DDH-4	155.448	156.972	1.524	510	515	5	1d	qtz, chl	py		3	0.1-2	55-70	50-70
V09DDH-4	156.972	158.496	1.524	515	520	5	1d	qtz, chl	py		5	0.1-5	55-70	50-70
V09DDH-4	158.496	160.63	2.134	520	527	7	1d	qtz, chl	py	527' EOH	8	0.1-6	55-70	50-70

APPENDIX C DRILL HOLE LOG page 10

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineral	Comments	% Qtz	Qtz vn(cm)	Qtz vn (deg)	Foliation
V09DDH-5	0	1.524	1.524	0	5	5								
V09DDH-5	1.524	3.048	1.524	5	10	5								
V09DDH-5	3.048	4.572	1.524	10	15	5	1d	qtz, chl	lim, py	0'-14.5' casing	5	0.1-2	30-65	15-50
V09DDH-5	4.572	6.096	1.524	15	20	5	1d	qtz, chl	lim, py	14.5'-100' 1d biotite-garnet-andalu-staur schist	4	0.1-2	50-65	15-50
V09DDH-5	6.096	7.62	1.524	20	25	5	1d	qtz, chl	lim, py	18.5'-19.5' 65% qtz, 1-18 cm	12	0.1-18	20-75	15-50
V09DDH-5	7.62	9.144	1.524	25	30	5	1d	qtz, chl	lim, py		5	0.1-2	30-55	15-50
V09DDH-5	9.144	10.668	1.524	30	35	5	1d	qtz, chl	py		5	0.1-2	30-55	15-50
V09DDH-5	10.668	12.192	1.524	35	40	5	1d	qtz, chl	py		5	0.1-3	20-50	15-50
V09DDH-5	12.192	13.716	1.524	40	45	5	1d	qtz, chl	py		5	0.1-3	50-75	15-60
V09DDH-5	13.716	15.24	1.524	45	50	5	1d	qtz, chl	py	47.5'-48.5' 15% qtz, 1-4 cm, @ 50-65 degrees to ca	8	0.1-4	50-65	15-60
V09DDH-5	15.24	16.764	1.524	50	55	5	1d	qtz, chl	py		4	0.1-1	45-75	15-60
V09DDH-5	16.764	18.288	1.524	55	60	5	1d	qtz, chl	py	58'-59.5' 25% qtz, 1-8 cm, 40-65 degrees to ca	6	0.1-8	40-65	15-60
V09DDH-5	18.288	19.812	1.524	60	65	5	1d	qtz, chl	py		6	0.1-3	25-75	15-60
V09DDH-5	19.812	21.336	1.524	65	70	5	1d	qtz, chl	py		7	0.1-5	25-75	15-60
V09DDH-5	21.336	22.86	1.524	70	75	5	1d	qtz, chl	py	73'-74' 30% qtz, 1-16 cm, @ 55-65 degrees to ca	12	0.1-16	65-75	15-60
V09DDH-5	22.86	24.384	1.524	75	80	5	1d	qtz, chl	py		5	0.1-3	45-55	45-65
V09DDH-5	24.384	25.908	1.524	80	85	5	1d	qtz, chl	py		5	0.1-4	20-75	45-65
V09DDH-5	25.908	27.432	1.524	85	90	5	1d	qtz, chl	py		6	0.1-5	30-55	45-65
V09DDH-5	27.432	28.956	1.524	90	95	5	1d	qtz, chl	py	90'-100' fissile, crumbly meta-pelite, sheared contact	4	0.1-2	30-55	45-65
V09DDH-5	28.956	30.48	1.524	95	100	5	1d	qtz, chl	py		4	0.1-3	35-60	15-50
V09DDH-5	30.48	32.004	1.524	100	105	5	3a/b	cal, chl	py	100'-250' 3a/b amphibolite (meta-tuff/flow)	3	0.1-3	35-60	35-70
V09DDH-5	32.004	33.528	1.524	105	110	5	3a/b	cal, chl	py	100'-157' increased calcite-chlorite-qtz, minor py/pyo	3	0.1-2	35-60	35-70
V09DDH-5	33.528	35.052	1.524	110	115	5	3a/b	cal, chl	py, pyo	100'-105' 18% calcite veining, minor qtz	5	0.1-2	30-60	30-60
V09DDH-5	35.052	36.576	1.524	115	120	5	3a/b	cal, chl	py		3	0.1-6	20-70	45-70
V09DDH-5	36.576	38.1	1.524	120	125	5	3a/b	cal, chl	py		4	0.1-1	25-75	35-70
V09DDH-5	38.1	39.624	1.524	125	130	5	3a/b	cal, chl	py		8	0.1-4	45-55	15-50
V09DDH-5	39.624	41.148	1.524	130	135	5	3a/b	cal, chl	py		5	0.1-4	15-65	15-50
V09DDH-5	41.148	42.672	1.524	135	140	5	3a/b	cal, chl	py		4	0.1-2	15-65	15-50
V09DDH-5	42.672	44.196	1.524	140	145	5	3a/b	cal, chl	py		3	0.1-2	15-65	35-70
V09DDH-5	44.196	45.72	1.524	145	150	5	3a/b	cal, chl	py		3	0.1-2	15-65	35-70
V09DDH-5	45.72	47.244	1.524	150	155	5	3a/b	cal, chl	py		3	0.1-2	15-65	15-50
V09DDH-5	47.244	48.768	1.524	155	160	5	3a/b	cal, chl	py		3	0.1-2	15-65	15-50
V09DDH-5	48.768	50.292	1.524	160	165	5	3a/b	cal, chl	py		3	0.1-1	15-65	15-50
V09DDH-5	50.292	51.816	1.524	165	170	5	3a/b	cal, chl	py		3	0.1-1	15-65	15-50
V09DDH-5	51.816	53.34	1.524	170	175	5	3a/b	cal, chl	py		3	0.1-1	15-65	15-50
V09DDH-5	53.34	54.864	1.524	175	180	5	3a/b	cal, chl	py		3	0.1-1	15-65	15-50

APPENDIX C DRILL HOLE LOG page 11

DDH #	FROM m	TO m	WIDTH m	FROM ft	TO ft	WIDTH ft	Rock Type	Alteration	Mineral	Comments	% Qtz	Qtz vn(cm)	Qtz vn (deg)	Foliation
V09DDH-5	54.864	56.388	1.524	180	185	5	3a/b	cal, chl	py		3	0.1-1	15-65	35-70
V09DDH-5	56.388	57.912	1.524	185	190	5	3a/b	cal, chl	py		3	0.1-1	15-65	35-70
V09DDH-5	57.912	59.436	1.524	190	195	5	3a/b	cal, chl	py		3	0.1-1	15-65	45-60
V09DDH-5	59.436	60.96	1.524	195	200	5	3a/b	cal, chl	py	195'-220' increased calcite-chlorite-qtz, minor py/pyo	3	0.1-1	40-65	45-60
V09DDH-5	60.96	62.484	1.524	200	205	5	3a/b	cal, chl	py		3	0.1-1	45-60	45-60
V09DDH-5	62.484	64.008	1.524	205	210	5	3a/b	cal, chl	py	209.4'-210' 30% calcite veining, minor qtz-chlorite	2	0.1-1	45-60	45-60
V09DDH-5	64.008	65.532	1.524	210	215	5	3a/b	cal, chl	py	213'-214.2' fault zone, crumbly	2	0.1-1	45-60	45-60
V09DDH-5	65.532	67.056	1.524	215	220	5	3a/b	cal, chl	py		2	0.1-1	45-60	45-60
V09DDH-5	67.056	68.58	1.524	220	225	5	3a/b	cal, chl	py		2	0.1-1	45-60	35-75
V09DDH-5	68.58	70.104	1.524	225	230	5	3a/b	cal, chl	py		2	0.1-1	45-60	35-70
V09DDH-5	70.104	71.628	1.524	230	235	5	3a/b	cal, chl	py	231.7-250' increased calcite-chlorite-qtz, minor py/pyo	2	0.1-1	45-60	35-70
V09DDH-5	71.628	73.152	1.524	235	240	5	3a/b	cal, chl	py	231.7-235.4' 18% qtz, 1-25 cm, @ 35-75 degrees to ca	2	0.1-1	35-75	45-60
V09DDH-5	73.152	74.676	1.524	240	245	5	3a/b	cal, chl	py, pyo	237.3-242' 20% calcite veining minor qtz-chlorite	2	0.1-1	35-70	45-60
V09DDH-5	74.676	76.2	1.524	245	250	5	3a/b	cal, chl	py	250' EOH	2	0.1-1	30-65	45-60

APPENDIX D PHOTOS

Core splitter, Valentine Mtn Dec, 2009


Looking W
Drill Site V09DDH-5