ASSESSMENT REPORT

on a

DIAMOND DRILLING

and

SOIL SAMPLING PROGRAM

on the

BAM PROPERTY

MORE 1 AND 2 MINERAL CLAIMS

ARCTIC LAKE AREA

LIARD MINING DIVISION, B.C.

NTS:	104G/2W
LATITUDE:	57°11' N
LONGITUDE:	130°52' 30" W
OWNER:	W.R. Gilmour
OPERATOR:	Discovery Consultants
AUTHOR:	Tom Carpenter, P.Geo.
DATE:	October 28, 1997

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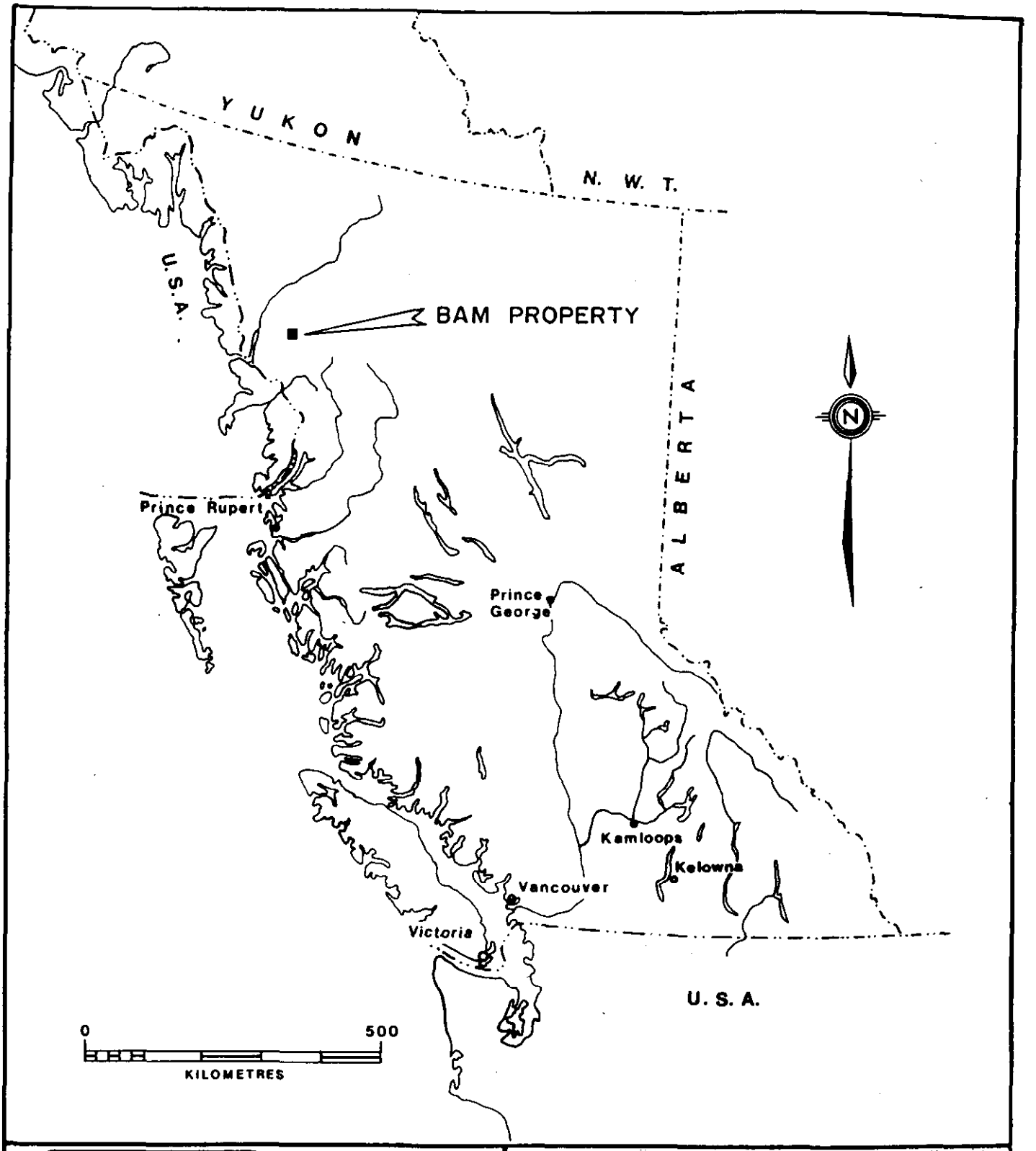
SUMMARY

The Bam property is host to vein gold mineralization within quartz diorite intrusions of Jurassic age. The property is located south of Arctic Lake in north-central B.C. Exploration has been carried out in the area since the 1950's, primarily for porphyry copper style mineralization. In 1986, Chevron Resources Limited discovered vein type gold mineralization on the property. Gold occurs in late stage quartz veins within a Jurassic quartz diorite.

An August 1996 exploration program consisted of a geochemical soil sampling survey and a diamond drilling program. A total of 362 soil samples was collected and analysed for gold. Six diamond drill holes totalling 603.34 m were drilled. The best gold intercepts were 0.55 g Au/t across 5.65 m and 0.29 g Au/t across 18.29 m. Soil sampling resulted in the discovery of a large anomalous gold zone containing values to 2550 ppb Au.



DISCOVERY Consultants	EVEREST MINES and MINERALS LTD.
BAM PROPERTY	LOCATION MAP

DATE: MAY 30/95	PROJECT: 627	SCALE: As Shown	N.T.S.: 104G/2W	M.D.: LIARD	FIGURE:

PROFESSIONAL ENGINEERS PROVINCE OF BRITISH COLUMBIA T. H. CARPENTER GEOSCIENTIST

DWG-627-005

INTRODUCTION

This report describes the results of a soil sampling and diamond drilling program carried out on the Bam property. The objective was to test for gold in soils along the contact zone between the Jurassic quartz diorite intrusions and the Permian(?) limestones and to test the depth extension of the gold-bearing vein system within the quartz diorite intrusions.

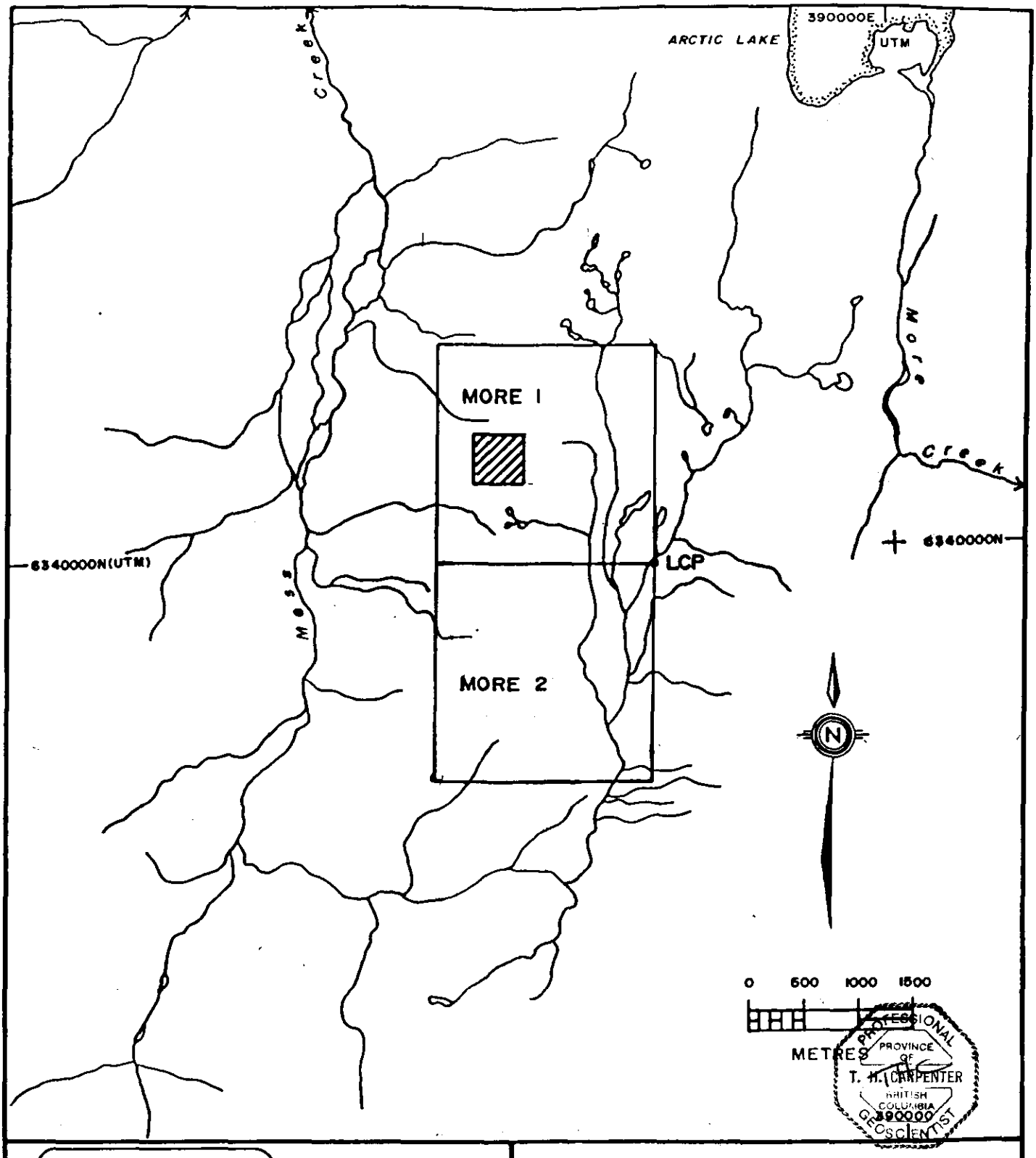
LOCATION AND ACCESS

The Bam property is located in the Liard Mining Division of northwestern British Columbia. The property is approximately 80 km south of Telegraph Creek, B.C., near the headwaters of Mess Creek. The central part of the property occurs at latitude 57°11' N and longitude 131°52' W, located within National Topographic System (NTS) map sheet 104G/2 (Figure 1).

Access is by helicopter from Tatogga Lake or Bob Quinn Lake. Previous exploration in the area was carried out in part by float equipped aircraft into Arctic Lake, 7 km north-northeast of the claims. The nearest airstrip is at Schaft Creek, twenty-two kilometres northwest of the property.

TOPOGRAPHY

The Bam property is situated between the Coast Range Mountains to the west and the Mount Edziza Plateau to the east. Elevation ranges from 820 m in the Mess Creek valley to 1,620 m in



DISCOVERY Consultants	EVEREST MINES and MINERALS LTD.
BAM PROPERTY	CLAIM LOCATION MAP

DATE : MAY 30/95	PROJECT : 627	SCALE : 1:50000	N.T.S. : 104G/2W	M.D. : LIARD	FIGURE : 2

DWG-627-006

the claim area. The property is relatively flat while rugged mountainous terrain exists on the east, west and south flanks. Drainage is via tributaries to Mess Creek in the west, as well as to the south and to the east. Forest cover is sparse as the majority of the property is alpine meadow. Forest cover thickens towards Mess Creek on the western boundary.

PROPERTY

The BAM property is situated in the Liard Mining Division (Figure 2). It consists of six two-post claims, which were staked on May 21, 1995 by Thomas Carpenter as agent for W.R. Gilmour, and recorded in Vernon on June 1, 1995. W.R. Gilmour holds the claims in trust for the Phoenix Syndicate. On August 10, 1996, John Beggs, as agent for W.R. Gilmour staked two 4 post claims called the More 1 and More 2. The six Bam claims have since been included within the More claims. Table 1 summarizes the claim information.

Table 1

Claim Status

Claim Name	Record. No.	No. of Units	Owner of Record	Anniversary Date*
Bam 1	336319	1	W.R. Gilmour	2001.8.22
Bam 2	336320	1	W.R. Gilmour	2001.8.22
Bam 3	336321	1	W.R. Gilmour	2001.8.22
Bam 4	336322	1	W.R. Gilmour	2001.8.22
Bam 5	336323	1	W.R. Gilmour	2001.8.22
Bam 6	336324	1	W.R. Gilmour	2001.8.22
More 1	349524	16	W.R. Gilmour	2002.8.10
More 2	349525	16	W.R. Gilmour	2002.8.10

*Pending acceptance of this report.

PREVIOUS EXPLORATION

Exploration in the Mess Creek area was first carried out in the 1950's with the discovery and delineation of the Schaft Creek porphyry copper deposit containing published reserves of one billion tons of 0.30% Cu, 0.035% MoS2, 0.004 oz/t Au and 0.035 oz/t Ag (Canadian Mines Handbook, 1986).

In 1964 Hudson Bay Exploration and Development Company Limited carried out a limited drill program on copper mineralization on the Jan property, north of the present BAM claims.

Kennecott Copper carried out a regional copper exploration program in the area in 1965.

In 1967 Shawinigan Mining and Smelting Company Limited drilled 3532 metres in 31 holes on several targets in the Arctic Lake area and outlined a deposit of 330,000 tons of 0.76% Cu within brecciated carbonates on the Jan property.

Mitsui Mining carried out a regional mapping and silt sampling program over the area in 1968.

Phelps-Dodge completed a program of geological mapping, silt and soil sampling in the area of the Jan deposit in 1972.

In 1983 Nairobi Industries undertook a prospecting program on the Jan claims. Up until this time the exploration emphasis was on copper mineralization in the area.

In 1984 Homestake Mineral Development Company carried out a reconnaissance mapping, prospecting and sampling program to assess the precious mineral potential of the Bam area.

Chevron Canada Resources discovered significant gold mineralization on the Bam claims in 1986 during a program of mapping, soil sampling, geophysics and trenching.

In 1987 Radcliffe Resources carried out a program of backhoe trenching (1000 metres), rock and soil sampling, a small IP program and 837 metres of diamond drilling in 9 holes over the area of the present BAM claims. Assays to 0.4 oz/tonne Au over 2.4 metres were discovered.

Work was focussed on an area of quartz veining containing 212.9 g/t and 15.6 g/t Au in chip samples.

REGIONAL GEOLOGY

The BAM property is situated within the Intermontane belt of the Canadian Cordillera along the east flank of the Coast Mountains. The tectonic setting of the area is described in G.S.C. Paper 71-44 (Souther, 1972).

The Mess Creek valley lies within the Stikine terrane (Monger, 1984), which includes the Stikine Arch, comprising crystalline and metamorphic rocks. The Stikine Arch is thought to have been relatively static during the Mesozoic, but exerted strong influence on Mesozoic structures and sedimentation around its margins.

Normal faulting on north-south faults in the Tertiary produced the Mess Creek valley. Movement occurred on the same fault surfaces as reverse faulting during the Mesozoic. Recent movement along Tertiary fault structures is recorded by progressive overlapping of lavas from the Mount Edziza complex where volcanic activity has occurred as recently as a few hundred years ago.

The stratigraphy in the area has been broken down by Souther (1971) into six tectono-stratigraphic packages as follows:

1. Mississippian to Middle Triassic: Carboniferous rocks that were deformed and regionally metamorphosed during the early to mid-Triassic Tahltanian orogeny.
2. Upper Triassic: Unmetamorphosed, moderately deformed volcanic and sedimentary rocks. This package is separated from overlying strata by a disconformity representing the latest Triassic to earliest Jurassic Inklinian uplift and contemporaneous emplacement of granitic rocks.

3. Lower to Middle Jurassic: Mainly clastic sedimentary rocks derived in part from (2) above and separated from overlying strata by a disconformity representing the mid Jurassic Nassian uplift.

4. Middle to Upper Jurassic: Clastic sediments derived in part from (1), (2), (3) above and separated from overlying strata by an angular unconformity that truncates decollement folds formed during the Columbian orogeny.

5. Cretaceous - Tertiary: Acid volcanic rocks, related intrusions, and contemporaneous clastic sediments separated from overlying strata by an angular unconformity related to early Tertiary extension and block faulting.

6. Late Tertiary - Quaternary: Lava flows and pyroclastic rocks.

The earliest known intrusive activity is the post Upper Triassic to pre-Lower Jurassic Hickman batholith, a biotite-hornblende quartz monzonite to quartz diorite, exposed at the north end of Schaft Creek.

A young group of equidimensional K-spar porphyry plutons occur throughout the area. Jurassic (Cretaceous?) medium to coarse grained quartz monzonite occurs along the Mess Creek valley.

Ultramafic rocks of undetermined age (possibly pre-Lower Jurassic) occur throughout the map area, as mostly small serpentinized units associated with fault structures.

Twenty kilometres north-northwest of the BAM property, the Liard Copper (Schaft Creek) deposit contains 330,000,000 tonnes with 0.3% Cu, 0.02% Mo and 0.32 ppm Au. Within the More 1 claim, the Jan deposit contains 330,000 tons of 0.76% Cu. Eskay Creek, located 66

kilometres south-southeast has combined proven and probable reserves of 10,900,000 tonnes containing 0.77% Cu, 5.6% Zn, 65 g/t Au and 2,950 g/t Ag,

Thirty-five kilometres to the west-southwest, the Central zone at Galore Creek contains unclassified reserves of 125,000,000 tonnes of 1.06% Cu including 27,232,000 tonnes at 0.97% Cu, 7.5 g/t Ag and 0.37 g/t Au.

PROPERTY GEOLOGY

The property geology is described by Diner (1987) in B.C. Assessment Report 17,570.

The oldest rocks exposed on the BAM property are Permian volcanics and volcaniclastics, which include massive greenstones, chloritic phyllites, schists and minor greywackes. The rocks are massive to well foliated, and can be placed in the greenschist metamorphic facies. At least two metamorphic deformation events can be recognized in outcrop. Near the contact with the granite, the unit is sericitized and Fe carbonated. Xenoliths of the volcanics are abundant throughout the granite. This unit bounds the discovery area to the west and seems devoid of any economic mineralization.

Overlying this unit is a thick sequence of limestone, dolomites and minor chert. The dolomites are locally silicified and Fe carbonated and form large orange coloured cliffs on the west side of the property. This unit hosts most of the copper mineralization on the Jan claim. Locally abundant fossils of corals, crinoids and molluscs show this unit to be Mississippian in age.

The carbonate unit is overlain be Lower Jurassic polymictic pebble conglomerate, arkosic sandstone and argillites.

Noted in the 1987 program were serpentinite bodies, which have been extensively carbonated. They are associated with finely laminated carbonaceous siltstone, greywackes and intermediate composition volcanics. The serpentinites seem to be intrusive near fault zones.

Highly anomalous gold values near the serpentinites are notable, and may have to do with the tectonism accompanying emplacement of these bodies. The age is tentatively assigned to pre Lower Jurassic (following Souther, 1972).

A Jurassic (?) quartz diorite to granite intrusion underlies most of the east portion of the property. It shows considerable variation in composition in composition and texture, being overall more felsic-alkalic to the west. The intrusive hosts the gold mineralization on the property. In the discovery area it is granitic, red to flesh coloured, with moderate grain size and locally porphyritic. Also noted are some aplite bodies and a microgranite which seems to be associated with the anomalous outcrops. It has conspicuous 1-2 mm size quartz eyes.
The youngest rocks on the property are the Arctic Lake olivine basalts. They are glacially polished and have preceded the last glaciation. Abundant Quaternary glacial tills cover a significant part of the property.

A host of north-east to north-northeast trending structures are evident on airphotos and on the ground. All of these structures are altered, and must have preceded the alteration event, although movement on them may have continued to the present. Gold mineralization seems to be controlled by some of these structures. In addition, trenching and drilling have established the presence of moderate to low angle faults that locally separate the granites and the phyllites. These faults appear to postdate mineralization.

Drilling has established a 35-60 degree dip for the contact between the granite and the phyllites. The shallow contacts are tectonic in part.

WORK PROGRAM

Work carried out on the property in 1996 comprised geochemical soil sampling and diamond drilling. The program was initially supported by a Hughes 500D helicopter based at Bob Quinn Lake. However, due to uncertainties with weather the helicopter was eventually based at the BAM campsite.

Details of the soil sampling and drilling programs are discussed below.

1. Geochemical Soil Survey

a). Program Parameters

A geochemical soil survey was conducted on More 1 and More 2 claims on a grid tied in to a grid establishment by Chevron in 1986. The grid was established to the east of the Chevron grid to test for continuation of high Au values in soils obtained during the Chevron program.

Soil sampling by Chevron at 100 metre spacings on lines 500 metres apart had shown an area of anomalous gold values to 330 ppb immediately to the south of the Jan 1 claim.

Detailed soil sampling over this area was planned but never carried out due to early completion of the drill program.

The eastern halves of the More 1 and 2 claims were sampled however. This grid, as noted, was located east of the Chevron grid. Lines were established at 200 metre intervals using compass and hip chain.

Samples were collected at 50 metre intervals along the east-west lines. Soil was collected by shovel from the "B" horizon at depths ranging from 15 to 50 cm. Soil was placed in kraft sample bags and shipped to Min-En Laboratories in Smithers for analysis.

At Min-En the samples were dried, sieved to –80 mesh and analyzed for gold using standard 30g Fire Assay/Atonic Absorption techniques.

A total of 362 soil samples was collected.

b) Program Results

Significant gold anomalies were detected in soil samples to the east and northeast of the Jan 1 claim. Values up to 2550 ppb were obtained.

These anomalies are located north-northeast of previous anomalous samples collected by Chevron to the south of the Jan claim.

Combined results from the present survey and Chevron data suggest anomalies over an area some 1600 metres in length and up to 1000 metres in width trending north to northeasterly.

Complete gold results in soils are shown on Figure 3 and contained in Appendix A.

2. Diamond Drilling

a) Program Parameters

Between August 6 and August 18, 1996, six diamond drill holes containing 630.34 m of BQ core were completed on the property. Work was carried out on a 24 hour basis by Aggressive Diamond Drilling Ltd. of Peachland, B.C. using a Longyear 38 drill.

Drill hole data and alteration features (Diner, 1987) indicated two alteration corridors on the claims in the area of previous drilling. These were labeled the Northern and Southern Trends.

The Northern Trend represents a northeast trending alteration zone intercepted in holes 87-5 and 6 and marked by silicified granite. Additional drill holes were recommended along this

corridor to intersect the extension of mineralization found in drill hole 87-6 (0.325 opt Au/0.91m and 0.8 opt Au/0.77m).

The Southern Trend was interpreted to extend east-northeasterly from the vicinity of trenches 87-4 & 4A and 87-5. Drilling was recommended to test this trend to the east.

The 1996 drill hole locations were largely based on the recommendations of the 1987 program.

A total of 147 samples was collected from drill core and shipped to MinEn Labs in Smithers, B.C. for analysis. At MinEn the samples were crushed to –150 mesh and analyzed using standard 30 gram F.A./A.A. (Fire Assay/Atomic Absorption) methods.

Complete assay results are contained in Appendix B.

b) Program Results.

Anomalous gold values were detected in all holes drilled but none were of economic grade.

Significant intersections occurred in five holes and are listed in Table 2.

TABLE 2 – SIGNIFICANT AU INTERSECTIONS

Hole #	Metreage	Sample Interval in Metres	Au gm/tonne
96-1	42.34-43.74	1.40	0.36
	43.74-44.81	1.07	0.26
	44.81-46.94	2.13	0.61
	46.94-52.06	5.12	0.15
	52.06-53.87	1.81	0.34
	53.87-55.23	1.36	0.24
96-2	44.80-47.85	3.05	1.03
	47.85-50.90	3.05	0.14
	50.90-53.94	3.04	0.21
	53.94-56.99	3.05	0.13
	56.99-60.04	3.05	0.06
	60.04-63.09	3.05	0.14
96-4	8.73-10.48	1.75	0.56
	10.48-11.19	0.71	0.45
	11.19-13.41	2.22	0.67
	13.14-14.38	0.97	0.34
96-5	69.19-72.24	3.05	0.10
	72.24-75.29	3.05	0.12
	75.29-78.33	3.04	0.11
	78.33-81.38	3.05	0.22
	81.38-84.43	3.05	0.18
	84.43-86.40	1.97	0.36
96-6	53.62-56.0	2.38	0.21

Complete assay results are contained in Appendix B. Drill logs are contained in Appendix C. Drill hole locations are shown on Figure 3.

CONCLUSIONS

Diamond drilling on the BAM property failed to define significant gold mineralization along strike from previous intersections.

Soil sampling however has detected significant anomalies to 2550 ppb gold over an area some 1600 metres in length and 1000 metres in width at the north end of the claims.

These anomalies represent a large, as yet untested zone of gold mineralization.

RECOMMENDATIONS

Additional gridding and soil sampling should be carried out to further define the gold anomalies in soils.

A magnetometer/VLF survey should be undertaken to aid in defining zones of alteration commonly associated with mineralization.

At the same time an Induced Polarization program should be conducted to delineate areas of mineralization and/or alteration.

Trenching should be carried out on targets defined by the geochemical and geophysical surveys.

Further diamond drilling would be subsequently undertaken in any mineralized areas defined by the above programs.

Respectfully submitted,

Thomas H. Carpenter, P.Geo.

REFERENCES

Dearin, C.,1983	Evaluation of the Arctic Lake Property for Nairobi Industries Limited. Assessment Report 11,515
Diner, Y., 1987	Geological, geochemical and geophysical report on the BAM claims for Radcliffe Resources Ltd. Assessment Report 17,570.
Gillan, J.F., 1984	Geological and geochemical evaluation of the BAM claims for Homestake Mineral Development Company. Assessment Report 12,561
Hewgill, W. and Walton, G., 1986	Geological, geochemical and geophysical report on the BAM claims for Chevron Canada Resources Limited. Assessment Report 15,827
Monger, J.W.H., 1984	Cordilleran Tectonics: A Canadian Perspective. Bull. Soc. Geol. France. No. 2, pp. 255-278.
Souther, J.S., 1971	Geology and Mineral Deposits of Tulsequah Map Area, B.C. G.S.C. Memoir 362.
Souther, J.S., 1972	Telegraph Creek Map Area. G.S.C. Paper 71-44.
Walton, G., 1986	Geochemical Survey, BAM claims for Chevron Canada Resources Limited. Assessment Report 14,859

STATEMENT OF COSTS

Professional Services			
M. Dittrick (P.Geo.)			
(Aug. 11-23, 25 & 26, Sept. 9 & 10)			
15 days @ $450/day	$ 6,750.00		
T. Carpenter (P.Geo.)			
(Aug. 31, Sept. 1 & 2)			
3 days @ $450/day	1,350.00		$ 8,100.00
Field Personnel			
Core Splitting			
C. Woolverton (Aug. 19-22)			
4 days @ $231.12/day	924.48		
D. Hepting (Aug. 12-18)			
7 days @ $214.00/day	1,498.00	2,422.48	
Cook			
G. Pickton (Aug. 11-24)			
14 Days @ $299.60/day		4,194.40	
Camp Demobilization			
C. Woolverton (Sept. 1 & 2)			
2 days @ $231.12/day	462.24		
M. Beenen (Sept. 1-3)			
3 days @ $231.12/day	693.36		
D. Orme (Sept. 1-3)			
3 days @ $171.20/day	513.60	1,669.20	8,286.08
Expenses			
Analyses	4,224.25		
Lodging & Meals	11,089.74		
Communications	2,729.96		
Field Supplies	1,323.47		
Equipment Rental	131.46		
Drilling	63,685.92		83,184.80
Total Exploration Expenditures:			$ 99,570.88
Transportation			
Vancouver Island Helicopters	$59,322.81 @ 50% of Expenditures		49,785.44
Total Costs of Exploration:			**$149,356.32**

STATEMENT OF QUALIFICATIONS

I, THOMAS H. CARPENTER of 3902 14th Street, Vernon, B.C., V1T 3V2, DO HEREBY CERTIFY that:

1. I am a consulting geologist in mineral exploration associated with Discovery Consultants, Vernon, B.C.

2. I have been practicing my profession for 26 years.

3. I am a graduate of the Memorial University of Newfoundland with a Bachelor of Science degree in geology.

4. I am a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia.

5. This report is based upon knowledge of the Bam property gained from field work and supervision.

6. I hold no interest either directly or indirectly in the Bam property.

T.H. Carpenter, P.Geo.

October 28, 1997
Vernon, B.C.

APPENDIX A

ANALYTICAL PROCEDURES

Geochemical Analysis

by TSL Laboratories:

ELEMENT		LOWER DETECTION LIMIT	EXTRACTION TECHNIQUE	METHOD
Au	Gold	5 ppb	fire assay	A.A.
Ag	Silver	1 ppm	HNO_3-HCl (1:3)	ind. coupled plasma
Al*	Aluminum	0.01 %	HNO_3-HCl	ind. coupled plasma
As	Arsenic	5 ppm	HNO_3-HCl	ind. coupled plasma
B	Boron	10 ppm	HNO_3-HCl	ind. coupled plasma
Ba*	Barium	1 ppm	HNO_3-HCl	ind. coupled plasma
Be*	Beryllium	1 ppm	HNO_3-HCl	ind. coupled plasma
Bi	Bismuth	5 ppm	HNO_3-HCl	ind. coupled plasma
Ca*	Calcium	0.02 %	HNO_3-HCl	ind. coupled plasma
Cd	Cadmium	1 ppm	HNO_3-HCl	ind. coupled plasma
Co	Cobalt	1 ppm	HNO_3-HCl	ind. coupled plasma
Cr*	Chromium	1 ppm	HNO_3-HCl	ind. coupled plasma
Cu	Copper	1 ppm	HNO_3-HCl	ind. coupled plasma
Fe	Iron	0.01 %	HNO_3-HCl	ind. coupled plasma
Mg*	Magnesium	0.01 %	HNO_3-HCl	ind. coupled plasma
Mn	Manganese	0.01 %	HNO_3-HCl	ind. coupled plasma
Mo	Molybdenum	2 ppm	HNO_3-HCl	ind. coupled plasma
Na*	Sodium	0.01 %	HNO_3-HCl	ind. coupled plasma
Ni	Nickel	1 ppm	HNO_3-HCl	ind. coupled plasma
P	Phosphorus	2 ppm	HNO_3-HCl	ind. coupled plasma
Pb	Lead	2 ppm	HNO_3-HCl	ind. coupled plasma
Sb	Antimony	5 ppm	HNO_3-HCl	ind. coupled plasma
Sc*	Scandium	1 ppm	HNO_3-HCl	ind. coupled plasma
Sn	Tin	10 ppm	HNO_3-HCl	ind. coupled plasma
Sr*	Strontium	1 ppm	HNO_3-HCl	ind. coupled plasma
Ti*	Titanium	1 ppm	HNO_3-HCl	ind. coupled plasma
V	Vanadium	1 ppm	HNO_3-HCl	ind. coupled plasma
W*	Tungsten	10 ppm	HNO_3-HCl	ind. coupled plasma
Y	Yttrium	1 ppm	HNO_3-HCl	ind. coupled plasma
Zn	Zinc	1 ppm	HNO_3-HCl	ind. coupled plasma
Zr	Zirconium	1 ppm	HNO_3-HCl	ind. coupled plasma

* incomplete digestion

Project 636

Bam

file: 636\Soil_96.wk1

Soil Sample Analyses (ICP)
1996

Reference : TSL-s3745, s3748, s3756

Sample ID	Au ppb	Au g/t	Sample ID	Au ppb	Au g/t	Sample ID	Au ppb	Au g/t
001	5		065	<5		131	<5	
002	<5		066	5		132	<5	
003	5		067	5		133	<5	
004	5		068	10		134	<5	
005	5		069	<5		135	25	
006	5		070	<5		136	10	
007	15		071	<5		137	35	
008	5		072	5		138	45	
009	10		073	5		139	30	
010	5		074	20		140	5	
011	<5		075	10		141	<5	
012	5		076	15		142	10	
013	<5		077	10		143	<5	
014	<5		078	5		144	<5	
015	<5		080	<5		145	<5	
016	<5		081	<5		146	<5	
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040	15		105	5		171	<5	
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050	5		115	10		183	30	
051	<5		116	20		184	55	
052	<5		117	>1000	1.21	185	<5	
053	<5		118	60		186	<5	
054	<5		119	5		187	<5	
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056	<5		121	50		189	10	
057	<5		122	560		191	5	
058	<5		123	15		192	30	
059	<5		124	10		193	10	
060	<5		125	5		194	<5	
061	<5		126	>1000	1.50	195	<5	
062	<5		127	20		196	<5	
063	<5		128	20		197	<5	
064	<5		129	85		198	<5	

Project 636

Bam

file: 636\Soil_96.wk1

Soil Sample Analyses (ICP)
1996

Reference : TSL-s3745, s3748, s3756

Sample ID	Au ppb	Au g/t	Sample ID	Au ppb	Au g/t	Sample ID	Au ppb	Au g/t
199	<5		268	<5		336	5	
200	110		269	10		337	<5	
201	10		270	<5		338	5	
202	<5		271	<5		339	10	
203	<5		272	15		340	10	
204	<5		273	25		341	5	
205	5		274	<5		342	10	
206	<5		275	5		343	5	
207	<5		276	<5		344	15	
208	5		277	5		345	10	
209	5		278	<5		346	5	
210	10		279	<5		347	<5	
211	5		280	10		348	<5	
212	<5		281	10		349	5	
213	15		282	<5		350	5	
214	30		283	<5		351	5	
215	65		284	5		352	<5	
217	15		285	40		353	5	
218	30		286	50		354	<5	
219	10		287	30		355	5	
220	20		288	20		356	5	
221	70		292	710		357	<5	
222	40		293	45		358	<5	
223	370		294	80		359	<5	
224	10		295	30		360	<5	
225	10		296	<5		361	<5	
226	<5		297	5		362	<5	
227	<5		298	<5				
228	<5		299	<5				
229	<5		300	<5				
230	<5		301	<5				
231	<5		302	5				
232	15		303	<5				
234	10		304	<5				
235	20		305	<5				
236	90		306	5				
237	25		307	280				
238	35		308	>1000	1.08			
239	140		309	5				
240	95		310	280				
241	35		311	5				
242	20		312	<5				
243	15		313	20				
244	25		314	<5				
245	<5		315	<5				
246	90		316	<5				
247	20		317	<5				
248	55		318	5				
251	<5		319	5				
252	85		320	<5				
253	20		321	<5				
254	65		322	<5				
255	25		323	5				
256	20		324	5				
257	10		325	5				
258	5		326	10				
259	370		327	270				
260	>1000	2.55	328	<5				
261	15		329	<5				
263	20		330	5				
264	50		331	5				
265	170		332	<5				
266	370		333	5				
267	5		335	5				

Project 636

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file: 636\Soil_96.wk1

Soil Sample Analyses (ICP)
1996

Reference : TSL-s3745, s3748, s3756

Sample ID	Au ppb	Au g/t	Sample ID	Au ppb	Au g/t	Sample ID	Au ppb	Au g/t
Duplicate:								
005	5							
015	<5							
025	<5							
035	<5							
046	<5							
055	<5							
066	<5							
074	10							
086	<5							
096	20							
106	<5							
117		1.58						
122	530							
126		1.65						
128	25							
139	35							
152	<5							
161	10							
170	<5							
182	<5							
193	5							
213	15							
224	10							
235	15							
247	10							
257	10							
260		2.49						
267	5							
277	5							
287	30							
292	760							
300	<5							
310	230							
320	<5							
327	250							
330	10							
342	10							
351	5							

APPENDIX B

ANALYTICAL PROCEDURES

Geochemical Analysis

by Mineral Environments Laboratories

ELEMENT		LOWER DETECTION LIMIT	EXTRACTION TECHNIQUE	METHOD
Ag	Silver	1 ppm	aqua-regia digestion	ind. coupled plasma
Al*	Aluminum	0.01 %	aqua-regia digestion	ind. coupled plasma
As	Arsenic	5 ppm	aqua-regia digestion	ind. coupled plasma
Ba*	Barium	10 ppm	aqua-regia digestion	ind. coupled plasma
Be*	Beryllium	0.5 ppm	aqua-regia digestion	ind. coupled plasma
Bi	Bismuth	5 ppm	aqua-regia digestion	ind. coupled plasma
Ca*	Calcium	0.01 %	aqua-regia digestion	ind. coupled plasma
Cd	Cadmium	1 ppm	aqua-regia digestion	ind. coupled plasma
Co	Cobalt	1 ppm	aqua-regia digestion	ind. coupled plasma
Cr*	Chromium	1 ppm	aqua-regia digestion	ind. coupled plasma
Cu	Copper	1 ppm	aqua-regia digestion	ind. coupled plasma
Fe	Iron	0.01 %	aqua-regia digestion	ind. coupled plasma
Ga*	Gallium	10 ppm	aqua-regia digestion	ind. coupled plasma
K	Potassium	0.01 %	aqua-regia digestion	ind. coupled plasma
Li	Lithium	1 ppm	aqua-regia digestion	ind. coupled plasma
Mg*	Magnesium	0.01 %	aqua-regia digestion	ind. coupled plasma
Mn	Manganese	5 ppm%	aqua-regia digestion	ind. coupled plasma
Mo	Molybdenum	2 ppm	aqua-regia digestion	ind. coupled plasma
Na*	Sodium	0.01 %	aqua-regia digestion	ind. coupled plasma
Ni	Nickel	1 ppm	aqua-regia digestion	ind. coupled plasma
P	Phosphorus	10 ppm	aqua-regia digestion	ind. coupled plasma
Pb	Lead	2 ppm	aqua-regia digestion	ind. coupled plasma
Sb	Antimony	5 ppm	aqua-regia digestion	ind. coupled plasma
Sn	Tin	10 ppm	aqua-regia digestion	ind. coupled plasma
Sr*	Strontium	1 ppm	aqua-regia digestion	ind. coupled plasma
Th	Thorium	1 ppm	aqua-regia digestion	ind. coupled plasma
Ti*	Titanium	0.01 %	aqua-regia digestion	ind. coupled plasma
U	Uranium	5 ppm	aqua-regia digestion	ind. coupled plasma
V	Vanadium	1 ppm	aqua-regia digestion	ind. coupled plasma
W*	Tungsten	10 ppm	aqua-regia digestion	ind. coupled plasma
Zn	Zinc	1 ppm	aqua-regia digestion	ind. coupled plasma

* incomplete digestion

Project 636

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file: 636\geodata\ddh01_96.wk1

DDH-01 Drill Sample Analyses

1996

Reference : MinEn 6s0097

Sample ID	lab Rpt #	from m	to m	length m	FA Au g/t	FA Au oz/t
19501	6s0097	2.13	5.18	3.05	0.01	
19502	6s0097	5.18	7.92	2.74	0.19	
19503	6s0097	7.92	10.97	3.05	0.20	
19504	6s0097	10.97	13.11	2.14	0.02	
19505	6s0097	13.11	14.32	1.21	0.02	
19506	6s0097	14.32	15.85	1.53	0.11	
19507	6s0097	15.85	17.37	1.52	0.04	
19508	6s0097	17.37	20.42	3.05	0.05	
19509	6s0097	20.42	23.47	3.05	0.26	
19510	6s0097	23.47	25.86	2.39	0.03	
19511	6s0097	25.86	26.92	1.06	0.37	
19512	6s0097	26.92	29.56	2.64	0.03	
19513	6s0097	29.56	30.57	1.01	0.02	
19514	6s0097	30.57	32.61	2.04	0.05	
19515	6s0097	32.61	35.66	3.05	0.06	
19516	6s0097	35.66	38.02	2.36	0.04	
19517	6s0097	38.02	39.26	1.24	0.01	
19518	6s0097	39.26	40.74	1.48	0.04	
19519	6s0097	40.74	42.34	1.60	0.07	
19520	6s0097	42.34	43.74	1.40	0.36	
19521	6s0097	43.74	44.81	1.07	0.26	
19522	6s0097	44.81	46.94	2.13	0.61	
19523	6s0097	46.94	52.06	5.12	0.15	
19524	6s0097	52.06	53.87	1.81	0.34	
19525	6s0097	53.87	55.23	1.36	0.24	
19526	6s0097	55.23	58.58	3.35	0.04	
19527	6s0097	58.58	60.96	2.38	0.01	
19528	6s0097	60.96	62.64	1.68	0.01	
19529	6s0097	62.64	64.62	1.98	0.01	
19530	6s0097	64.62	66.14	1.52	0.01	
19531	6s0097	66.14	69.19	3.05	0.01	
19532	6s0097	106.98	108.81	1.83	0.01	
19533	6s0097	108.81	110.13	1.32	0.02	
19534	6s0097	110.13	111.86	1.73	0.01	
19535	6s0097	111.86	114.91	3.05	0.01	

Project 636

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File: 636\geodata\ddh02_96.wk1

DDH-02 Drill Sample Analyses
1996

Reference : MinEn 6s0098, 6s0111

Sample ID	lab Rpt #	from m	to m	length m	FA Au g/t	FA Au oz/t
19536	6s0098	2.13	5.18	3.05	0.01	
19537	6s0098	5.18	8.23	3.05	0.01	
19538	6s0098	8.23	10.05	1.82	0.01	
19539	6s0098	10.05	13.11	3.06	0.04	
19540	6s0098	13.11	15.85	2.74	0.01	
19541	6s0098	15.85	17.37	1.52	0.02	
19542	6s0098	17.37	19.86	2.49	0.01	
19543	6s0098	19.86	21.03	1.17	0.05	
19544	6s0098	21.03	22.26	1.23	0.07	
19545	6s0098	22.26	24.60	2.34	0.02	
19546	6s0098	24.60	26.32	1.72	0.01	
19547	6s0098	26.32	28.65	2.33	0.03	
19548	6s0098	28.65	32.08	3.43	0.08	
19549	6s0098	32.08	34.09	2.01	0.01	
19550	6s0098	34.09	35.66	1.57	0.07	
19551	6s0098	35.66	38.71	3.05	0.13	
19552	6s0098	38.71	41.75	3.04	0.05	
19553	6s0098	41.75	44.80	3.05	0.04	
19554	6s0098	44.80	47.85	3.05	1.03	
19555	6s0098	47.85	50.90	3.05	0.14	
19556	6s0098	50.90	53.94	3.04	0.21	
19557	6s0098	53.94	56.99	3.05	0.13	
19558	6s0098	56.99	60.04	3.05	0.06	
19559	6s0098	60.04	63.09	3.05	0.14	
19560	6s0098	63.09	66.14	3.05	0.04	
19561	6s0111	66.14	69.19	3.05	0.02	0.001
19562	6s0111	69.19	72.23	3.04	0.01	0.001
19563	6s0111	72.23	74.21	1.98	0.02	0.001
19564	6s0111	74.21	75.28	1.07	0.01	0.001
19565	6s0111	75.28	77.14	1.86	0.02	0.001
19566	6s0111	77.14	78.33	1.19	0.01	0.001
19567	6s0111	78.33	81.38	3.05	0.01	0.001
19568	6s0111	81.38	84.12	2.74	0.09	0.003
19569	6s0111	84.12	87.17	3.05	0.02	0.001
19570	6s0111	87.17	90.37	3.20	0.02	0.001
19571	6s0111	90.37	93.57	3.20	0.01	0.001
19572	6s0111	93.57	94.30	0.73	0.04	0.001
19573	6s0111	94.30	97.54	3.24	0.01	0.001

Project 636

Bam

File: 636\geodata\ddh03_96.wk1

DDH-03 Drill Sample Analyses
1996

Reference : MinEn 6s0111

Sample ID	lab Rpt #	from m	to m	length m	FA Au g/t	FA Au oz/t
19574	6s0111	69.19	72.24	3.05	0.01	0.001
19575	6s0111	72.24	75.28	3.04	0.01	0.001
19576	6s0111	75.28	78.33	3.05	0.02	0.001
19577	6s0111	78.33	81.65	3.32	0.03	0.001
19578	6s0111	81.65	82.55	0.90	0.01	0.001
19579	6s0111	82.55	83.91	1.36	0.07	0.002
19580	6s0111	83.91	85.00	1.09	0.01	0.001
19581	6s0111	85.00	87.04	2.04	0.01	0.001
19582	6s0111	91.04	91.91	0.87	0.04	0.001
19583	6s0111	96.20	97.44	1.24	0.03	0.001
19584	6s0111	97.44	98.92	1.48	0.01	0.001
19585	6s0111	98.92	100.51	1.59	0.09	0.003
19586	6s0111	100.51	103.40	2.89	0.01	0.001
19587	6s0111	103.40	104.53	1.13	0.01	0.001
19588	6s0111	104.53	107.24	2.71	0.03	0.001
19589	6s0111	107.24	109.58	2.34	0.04	0.001
19590	6s0111	109.58	112.20	2.62	0.02	0.001
19591	6s0111	112.20	114.91	2.71	0.03	0.001
19592	6s0111	114.91	116.74	1.83	0.01	0.001

Project 636

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File: 636\prodata\ddh04_96.wk1

DDH-04 Drill Sample Analyses
1996

Reference : MinEn 6s0106, 6s0111

Sample ID	lab Rpt #	from m	to m	length m	FA Au g/t	FA Au oz/t
19593	6s0111	2.13	4.27	2.14	0.04	0.001
19594	6s0111	4.27	7.31	3.04	0.06	0.002
19595	6s0111	7.31	8.73	1.42	0.06	0.002
19596	6s0111	8.73	10.48	1.75	0.56	0.016
19597	6s0111	10.48	11.19	0.71	0.45	0.013
19598	6s0111	11.19	13.41	2.22	0.67	0.02
19599	6s0111	13.41	14.38	0.97	0.34	0.01
19600	6s0111	14.38	17.00	2.62	0.01	0.001
19601	6s0111	17.00	18.02	1.02	0.01	0.001
19602	6s0111	18.02	20.42	2.40	0.01	0.001
19603	6s0111	20.42	23.00	2.58	0.01	0.001
19604	6s0111	35.66	37.00	1.34	0.01	0.001
19605	6s0111	37.00	37.54	0.54	0.01	0.001
19606	6s0111	37.54	39.65	2.11	0.01	0.001
19607	6s0106	39.65	41.76	2.11	0.01	0.001
19608	6s0106	41.76	44.72	2.96	0.01	0.001
19609	6s0106	44.72	45.73	1.01	0.01	0.001
19610	6s0106	45.73	47.85	2.12	0.01	0.001
19611	6s0106	47.85	50.90	3.05	0.01	0.001
19612	6s0106	50.90	52.20	1.30	0.01	0.001

Project 636

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file: 636\geodata\dd803_96.wk1

DDH-05 Drill Sample Analyses
1996

Reference : MinEn 6s0106

Sample ID	lab Rpt #	from m	to m	length m	FA Au g/t	FA Au oz/t
19613	6s0106	63.09	66.14	3.05	0.02	0.001
19614	6s0106	66.14	69.19	3.05	0.03	0.001
19615	6s0106	69.19	72.24	3.05	0.10	0.003
19616	6s0106	72.24	75.29	3.05	0.12	0.004
19617	6s0106	75.29	78.33	3.04	0.11	0.003
19618	6s0106	78.33	81.38	3.05	0.22	0.003
19619	6s0106	81.38	84.43	3.05	0.18	0.005
19620	6s0106	84.43	86.40	1.97	0.36	0.011
19621	6s0106	86.40	87.71	1.31	0.03	0.001
19622	6s0106	87.71	90.53	2.82	0.02	0.001
19623	6s0106	105.77	106.50	0.73	0.01	0.001
19624	6s0106	106.50	108.81	2.31	0.01	0.001
19625	6s0106	108.81	111.14	2.33	0.01	0.001
19626	6s0106	111.14	114.40	3.26	0.02	0.001
19627	6s0106	114.40	117.96	3.56	0.01	0.001

Project 636

Bam

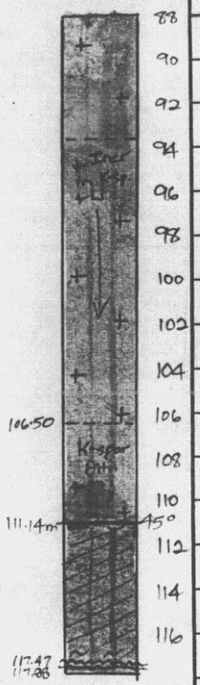
file: 636\geodata\ddh06_96.wk1

DDH-06 Drill Sample Analyses
1996

Reference : MinEn 6s0106

Sample ID	lab Rpt #	from m	to m	length m	FA Au g/t	FA Au oz/t
19628	6s0106	21.73	23.93	2.20	0.02	0.001
19629	6s0106	23.93	26.51	2.58	0.03	0.001
19630	6s0106	26.51	27.68	1.17	0.02	0.001
19631	6s0106	27.68	29.56	1.88	0.01	0.001
19632	6s0106	29.56	31.72	2.16	0.04	0.001
19633	6s0106	31.72	33.91	2.19	0.01	0.001
19634	6s0106	33.91	35.66	1.75	0.03	0.001
19635	6s0106	35.66	38.71	3.05	0.01	0.001
19636	6s0106	38.71	41.16	2.45	0.01	0.001
19637	6s0106	41.16	43.00	1.84	0.01	0.001
19638	6s0106	43.00	44.80	1.80	0.01	0.001
19639	6s0106	44.80	47.85	3.05	0.02	0.001
19640	6s0106	47.85	50.90	3.05	0.01	0.001
19641	6s0106	50.90	53.62	2.72	0.01	0.001
19642	6s0106	53.62	56.00	2.38	0.21	0.006
19643	6s0106	56.00	57.00	1.00	0.02	0.001
19644	6s0106	57.00	58.52	1.52	0.07	0.002
19645	6s0106	58.52	60.04	1.52	0.01	0.001
19646	6s0106	70.10	72.23	2.13	0.01	0.001
19647	6s0106	72.23	75.28	3.05	0.01	0.001

APPENDIX C



INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from	SAMPLE INTERVAL to	LENGTH	% RECOVERY
		87.71 – 106.50 m Granite is less silicified → pale green buff in colour → mod to locally strong ser alt'n & patchy wk K-spar?; K-spar + Li incr after 93.40m; minor % 12 weak (Py <1% as diss in veins, grey qtz frcs)					
		106.50 – 111.14 m Mod-str K-spar alt'n? → granite is flesh pink to orange in colour; faint original texture, occas dk grey qtz filled frcs & fine Py diss Py 0.5–1%; sharp contact @ Phyllite @ 45°	19623	105.77	106.50	0.73	
			19624	106.50	108.81	2.31	
111.14	117.96	PHYLLITE – pale green to buff green; mod-str ser alt'n; strong bdg/foln @ 25–35° x; cut by numerous fine Qz/Ch units/frc fillings mostly along bdg/foln; occas elongated qtz blebs in Py diss, & grey qtz/Py filled frcs (Py to 3% in places); lowermost 50 cm is somewhat sheared & Li stained (fault? zone).	19625	108.81	111.14	2.33	
			19626	111.14	114.40	3.26	
			19627	114.40	117.96	3.56	

Sheet No.: _____

DISCOVERY Consultants

DRILL LOG

HOLE No.: B96-5

CO-ORDS:

AZIMUTH: 344°

DIP: -50°

DRILL TYPE & SIZE:

ELEVATION: ~ 4580 ft.

DIP TESTS: ∅

LENGTH: 387 ft (117.96 m)

SECTION:

PURPOSE: To intersect Gold Anomaly/Shear/Alteration Trend on southern zone.

PROPERTY: BAM

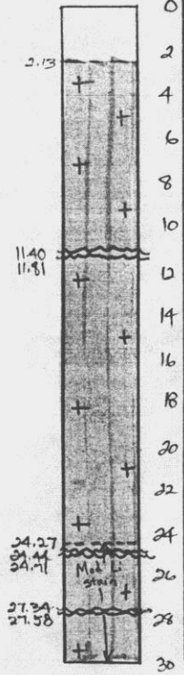
LOCATION:

DATE STARTED: Aug. 14, 1996

DATE COMPLETED: Aug. 16, 1996

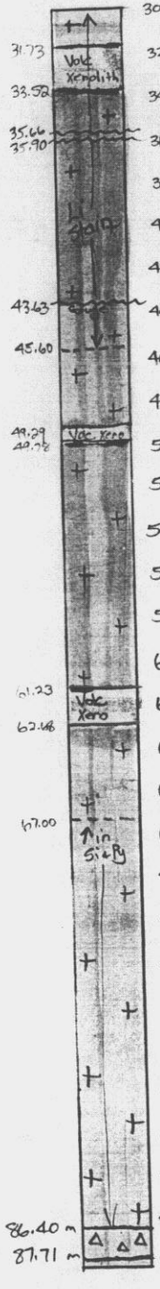
LOGGED BY: Maggie Dittrick

DATE LOGGED: Aug. 20, 1996



INTERVAL from (m)	to (m)	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from	to	LENGTH	% RECOVERY
0.00	2.13 m	CASING					
2.13	111.14 m	GRANITE - pale green-grey; mod ser alt'n to mod silicif'n; plag is pale green ser alt'd, mafics alt'd to buff ser & minor green chl; cut by occas fine Ch veins; occas grey to green-grey fine grained ser alt'd volc xenoliths? that are commonly strongly fract'd w/ Ch/Qtz infillings; Li stain common along fract'd zones a/o faults; Py pointz'n is wk in the upper ~ 1/2 of the hole (0.5-1% Py diss + fracfillings) but increases after ~ 67 m (see description on p2)					
		11.40-11.81 m Fault - soft, clay alt'd, crumbly w/ minor gouge					
		24.27-45.60 m Mod-Str. Li Stained zone - broken fract'd zones common; occas faults; occas chl frac fillings; Py < 1% as diss + rare frac fillings					

Sheet No.: _____



INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from	SAMPLE INTERVAL to	LENGTH	% RECOVERY
		31.73-33.52 m Volc Xenolith – heavy Li stain, fgr to porphyritic texture; green-buff where not Li stained; Py<1%					
		35.66-35.90 m Fre Zone/Fault? – core broken, reground & crumbly					
		43.63-43.66 m Fault- gouge, Li stained, 50° X					
		49.29-49.78 m Volc Xenolith – grey, f.gr, w numerous Cb filled frcs; no significant Py mineln (<1%)					
		61.23-62.68 m Volc Xenolith – as above					
			19613	63.09	66.14	3.05	
			19614	66.14	69.19	3.05	
		67.00-86.40 m Granite is more grey in colour (↑ silicifn) & has an increase in grey qtz filled frcs; Py occurs as fine diss & within grey qtz frcs & has incr to 2-3%	19615	69.19	72.24	3.05	
			19616	72.24	75.29	3.05	
			19617	75.29	78.33	3.04	
			19618	78.33	81.38	3.05	
			19619	81.38	84.43	3.05	
			19620	84.43	86.40	1.97	
		86.40-87.71 m Brecciated Granite – pink K-spar flooded granite fragmts in a med green fragmental (≤2 mm) Volc matrix; Py<1%	19621	86.40	87.71	1.31	
			19622	87.71	90.53	2.82	

Sheet No.: _____

DISCOVERY Consultants

DRILL LOG

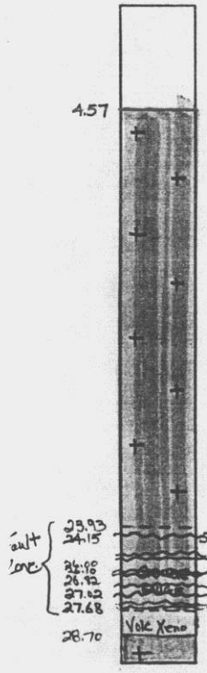
CO-ORDS:	
AZIMUTH:	344°
DIP:	-50°
ELEVATION:	~ 4600 ft.
LENGTH:	304 ft (92.66 m)
SECTION:	
PURPOSE:	To intersect "Gold Aromaly / Shear / Alteration Trend" on southern zone & define geological contacts between granite & phyllite. Fill in information between B96-4 & B96-5.
DRILL TYPE & SIZE:	
DIP TESTS:	∅

HOLE No.: B96-6

PROPERTY: BAM

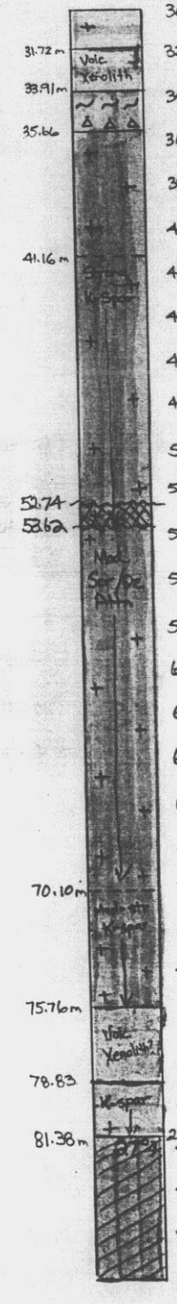
LOCATION:

DATE STARTED: Aug 16, 1996
DATE COMPLETED: Aug 18, 1996
LOGGED BY: Maggie Dittrick
DATE LOGGED: Aug. 21, 1996.



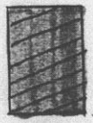
INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from	SAMPLE INTERVAL to	LENGTH	% RECOVERY
0.00 ±	4.57 m						
4.57	81.38 m	GRANITE – pale green grey w/ lt pink to orange scattered K-spar; original texture apparent; wk-mod ser alt'n with possible wk silicific'n; plag alt'd to green ser; mafics alt'd to buff + green ser + chl; qtz + K-spar stable; chl + qtz as occas frc fillings; Py <0.5% as v. occas diss; Li stain common along frcs; occas grey vole xenoliths w/ mod-str. cb/Qz filled frcs.					
			19628	21.73	23.93		
		23.93-27.68m Fault/Frc Zone → Heavy Li Stain; occas gougey faults w/ solid Li-stained granite between faults; mod-str calcareous; most faults @ 30-55° ∡	19629	23.93	26.51		
			19630	26.51	27.68		
			19631	27.68	29.56		
			19632	29.56	31.72		

Sheet No.: _____



INTERVAL from	INTERVAL to	SAMPLE No.:	SAMPLE INTERVAL from	SAMPLE INTERVAL to	LENGTH	% RECOVERY
		19633	31.72	33.91		
		19634	33.91	35.66		
		19635	35.66	38.71		
		19636	38.71	41.16		
		19637	41.16	43.00		
		19638	43.00	44.80		
		19639	44.80	47.85		
		19640	47.85	50.90		
		19641	50.90	53.62		
		19642	53.62	56.00		
		19643	56.00	57.00		
		19644	57.00	58.52		
		19645	58.52	60.04		
		19646	70.10	72.23		
		19647	72.23	75.28		
81.38	92.66 m					

Sheet No.: _____



88
90
92

92.66 m
E.O.H.

INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from	SAMPLE INTERVAL to	LENGTH	% RECOVERY
		volts/ fine fillings mostly along bdg/foln but occas. cutting across; patchy wk K-spar alt'n; minlz'n is <1% w Py as fine diss within occas grey qtz volts/fine fillings.					

Sheet No.: _____

DISCOVERY Consultants

DRILL LOG

CO-ORDS:

AZIMUTH: 295°

DIP: -50°

DRILL TYPE & SIZE:

ELEVATION: ~4750 ft.

DIP TESTS: ø

LENGTH: 387 ft (117.96 m)

SECTION:

PURPOSE: To intersect NE trending Gold Anomaly/Shear/Alteration Trend.

HOLE No.: B96-1

PROPERTY: BAM

LOCATION:

DATE STARTED: Aug. 6, 1996

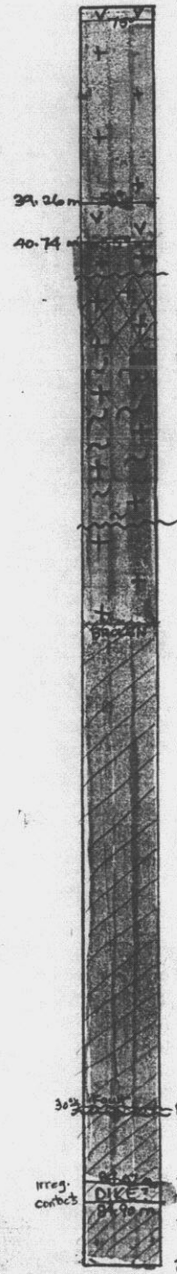
DATE COMPLETED: Aug 9, 1996

LOGGED BY: Maggie Dittrick

DATE LOGGED: Aug. 17-18/96

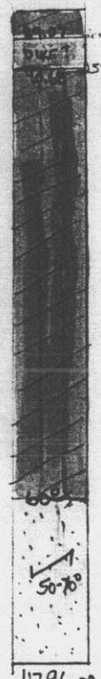
INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from (m)	SAMPLE INTERVAL to (m)	LENGTH m	% RECOVERY
0.00	2.13 m	CASING					
2.13	58.58 m	GRANITE - mottled pale green, white, ± buff → mod to strong ser ± qtz alt^n; qtz → stable, plag alt^d to pale waxy green ser, mafics alt^d to green chl/ser ± buff ser; wk-mod cb filled frcs; Py minlz^n is patchy & wk → fine frc fillings > diss & blebs, to ~ 0.5% in occas areas to 1%; rusty Li stain is common along numerous frcs	19501	2.13	5.18	3.05	
			19502	5.18	7.92	2.74	
			19503	7.92	10.97	3.05	
			19504	10.97	13.11	2.14	
			19505	13.11	14.32	1.21	
			19506	14.32	15.85	1.53	
			19507	15.85	17.37	1.52	
			19508	17.37	20.42	3.05	
			19509	20.42	23.47	3.05	
26.92-30.57 m		Andesite? Dike - f.gr volc rock → andesite? dk green remnant areas in a dominantly grey-buff colour due to strong ser/carb alt^n; cut by numerous cream carb/qtz units/frc fillings; minlz^n → ø; U.C. @ 60°±; L.C @ 75°±.	19510	23.47	25.86	2.39	
			19511	25.86	26.92	1.06	
			19512	26.92	29.56	2.64	
			19513	29.56	30.57	1.01	

Sheet No.: _____



INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from (m)	SAMPLE INTERVAL to (m)	LENGTH (m)	% RECOVERY
2.13	58.58 m	GRANITE continued.....	19514	30.57	32.61	2.04	
			19515	32.61	35.66	3.05	
		39.26-40.74 m Andesite Dike? — strong ser/cb alt^{n} → buff grey in colour; similar to previous dike; U.C @ 50°; L.C @ 55°; v.wk Py diss → ~0.3%; tr Cp.	19516	35.66	38.02	2.36	
			19517	38.02	39.26	1.24	
			19518	39.26	40.74	1.48	
			19519	40.74	42.34	1.60	
			19520	42.34	43.74	1.40	
			19521	43.74	44.81	1.07	
		42.34-53.87 m Fault Zone - highly broken in upper ~3 m, becoming softer + sheared w occas gougey areas down section; granite is bleached a light grey/white w occas rusty Li stained zones; minlz^{n} of Py occurs as frc fillings, diss, + occas blebs, + averages 2-3% over fault zone (some areas locally up to 3-4%)	19522	44.81	46.94	2.13	
			19523	46.94	52.06	5.12	*
			19524	52.06	53.87	1.81	
			19525	53.87	55.23	1.36	
			19526	55.23	58.58	3.35	
		* Mislatch 154'-164' (46.94-49.99 m) → 25 cm recovered					
58.58	110.13 m	PHYLLITE - buff to pale green-buff → mod to strong ser alt^{n}; cut by numerous Qz vnlts + frc fillings → local wk-mod Qz alt^{n}; cut by occas cream cb vnlts; folia^{n}/bdg varies throughout; occas dk green "zones" that appear to be unaltered phyllite, yet in other places appear to be possible vnlc (andesite?) dikes; minlz^{n} is v. wk → Py < 0.5% as occas blebs "stretched" along folia^{n}; tr Cp as fine diss in Qz vnlts @ 85.64m upper most ~4 m is ~2% Py diss + fine lams.	19527	58.58	60.96	2.38	
			19528	60.96	62.64	1.68	
			19529	62.64	64.62	1.98	
			19530	64.62	66.14	1.52	
			19531	66.14	69.19	3.05	

Sheet No.: _____



INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from (m)	SAMPLE INTERVAL to (m)	LENGTH (m)	% RECOVERY
58.58	110.13 m	PHYLLITE - continued					
		84.07-84.90 m Med-dk green unalt'd phyllite?; or volc-dike?; folia" same as phyllite but appears volcanic; minlz" Ø					
		89.07-90.68 m As above, but tr Cp within Qz/Cb units.					
			19532	106.98	108.81	1.83	
			19533	108.81	110.13	1.32	
110.13	117.96 m	GRIT?/METASEDS? - buff-grey to pale green-grey; appears to be a metamorphosed silty sandstone?; fine grains of quartz in a foliated ser +/- chl alt'd "groundmass"; folia" @ ∪ 50-70° to; occas small flesh coloured zones (K-spar?); cut by numerous fine Qz/Cb units + frc fillings @ various angles T.C.A; minlz" occurs dominantly in uppermost ~2 m with Py as diss within small (2-3 mm) elongated/stretched qtz blebs. Py < 0.5% (sampled over phyllite/grit contact) remaining interval is nil to tr Py.	19534	110.13	111.86	1.73	
			19535	111.86	114.91	3.05	

Sheet No.: _____

DISCOVERY Consultants

DRILL LOG

CO-ORDS:	
AZIMUTH:	295°
DIP:	−50°
ELEVATION:	~ 4750 ft
LENGTH:	320 ft (97.54 m)
SECTION:	
PURPOSE:	To intersect NE trending Gold Anomaly/Shear/Alteration Trend
DRILL TYPE & SIZE:	
DIP TESTS:	ϕ
HOLE No.:	B96-2
PROPERTY:	BAM
LOCATION:	
DATE STARTED:	Aug. 9, 1996
DATE COMPLETED:	Aug. 11, 1996
LOGGED BY:	Maggie Dittrick
DATE LOGGED:	Aug 18, 1996

INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from (m)	SAMPLE INTERVAL to (m)	LENGTH (m)	% RECOVERY
0.00	2.13 m	CASING					
2.13	97.54 m	GRANITE – pale greenish grey to white-grey; mod-strong ser alt^{n}/ with mod. to locally strong silicification; plag alt^{d}/ to green +/or cream ser; mafics alt^{d}/ to buff ser + minor chlorite; qtz stable; cut by numerous fine cream coloured cb volts + frc fillings; Li common on frc surfaces + occas Li stained zones along larger frcs; unit contains a few large (<3 m) green-buff ser alt^{d}/ volc dikes (or xenoliths?) that often contain fine Py diss (to 3% in places); overall ave mineral^{n}/ in granite is Py diss ~1-2% with some areas 2-3%.	19536	2.13	5.18	3.05	
			19537	5.18	8.23	3.05	
			19538	8.23	10.05	1.82	
			19539	10.05	13.11	3.06	
			19540	13.11	15.85	2.74	
			19541	15.85	17.37	1.52	
			19542	17.37	19.86	2.49	
			19543	19.86	21.03	1.17	
			19544	21.03	22.26	1.23	
			19545	22.26	24.60	2.34	
			19546	24.60	26.32	1.74	
			19547	26.32	28.65	2.33	
			19548	28.65	32.08	3.43	

Sheet No.: _____

INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from	SAMPLE INTERVAL to	LENGTH	% RECOVERY
		19.96 – 21.03 m Buff-green-grey Volc. dike (or xenolith)	19549	32.08	34.09	2.01	
		22.26 – 24.60 m As above.	19550	34.09	35.66	1.57	
		24.75 – 26.32 m Granite + Volc. dike; → heavy Li stain, wk	19551	35.66	38.71	3.05	
		brecciated w/ Ch infilling	19552	38.71	41.75	3.04	
		32.08 – 34.09 m Volc dike (xenolith?) as above w/ a 40 cm	19553	41.75	44.80	3.05	
		wide Li stained zone along frac @ 10°					
			19554	44.80	47.85	3.05	
			19555	47.85	50.90	3.05	
			19556	50.90	53.94	3.04	
		52.30 – 52.81 m Li stain along frac zone (52.41 – 52.69 m);	19557	53.94	56.99	3.05	
		Qz + Py seem to incr slightly (Py 2-3%)					
			19558	56.99	60.04	3.05	
			19559	60.04	63.09	3.05	
			19560	63.09	66.14	3.05	
			19561	66.14	69.19	3.05	
			19562	69.19	72.23	3.04	
			19563	72.23	74.21	1.98	
		74.21 – 77.14 m Green-buff ser alt'd Volc. dike (xenolith?); frac'd w/	19564	74.21	75.28	1.07	
		heavy Li stain to 75.41 m; Py diss ↑ to 2% in	19565	75.28	77.14	1.86	
		lowermost ~20 cm @ contact w/ granite.	19566	77.14	78.33	1.19	
			19567	78.33	81.38	1.19	
		83.30 – 83.60 m Granite highly frac'd w/ grey Qz/Py infilling;	19568	81.38	84.12	2.74	
		Py 3-4%; core broken crushed @ 83.54-83.60 m	19569	84.12	87.17	3.05	
			19570	87.17	90.37	3.20	

Sheet No.: _____

97.54 m

E.O.H.

INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from (m)	SAMPLE INTERVAL to (m)	LENGTH (m)	% RECOVERY
		90.97 – 91.24 Fault – broken to gougey ~~to~~ Li stain; no significant ~~change~~ in mineralz'n.					
			19571	90.37	93.57	3.20	
		94.30 – 97.12 m Lt. green grey volc dike; ser/cb alt'n;	19572	93.57	94.30	0.73	
		maroon volc? xenoliths (<3cm) <1% Py.	19573	94.30	97.54	3.24	

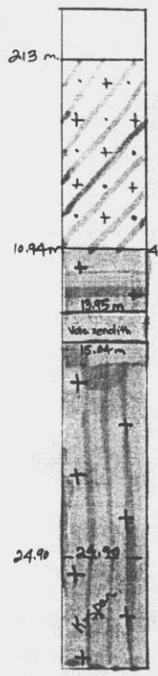
Sheet No.: _____

DISCOVERY Consultants

DRILL LOG

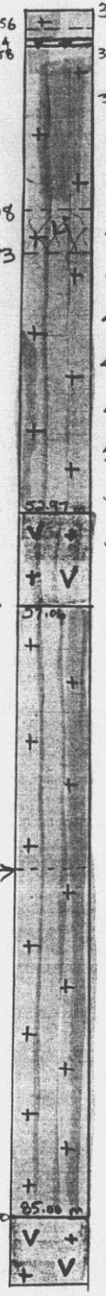
CO-ORDS:	
AZIMUTH:	295°
DIP:	-50°
ELEVATION:	~ 4740 ft.
LENGTH:	383. ft (116.74 m)
SECTION:	
PURPOSE:	To intersect NE trending Gold Anomaly /Shear/ Alteration Trend
DRILL TYPE & SIZE:	
DIP TESTS:	ø

HOLE No.:	B96-3
PROPERTY:	BAM
LOCATION:	
DATE STARTED:	Aug 11, 1996
DATE COMPLETED:	Aug 12, 1996
LOGGED BY:	Maggie Dittrick
DATE LOGGED:	August 19, 1996



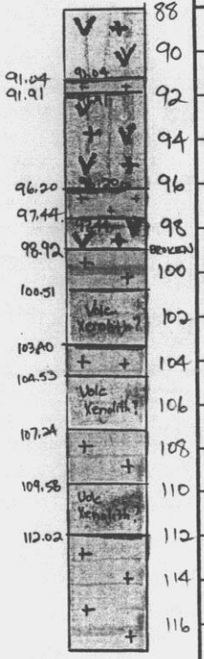
INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from	SAMPLE INTERVAL to	LENGTH	% RECOVERY
0.00	2.13 m	CASING					
2.13	10.94 m	DIORITE? dominantly buff grey ser/cb alt^{d}/ w̄ occas dk green less alt^{d}/ patches; finely xtalline; cut by numerous Cb/Qz vnlts fre fillings; Py diss < 1%					
10.94	85.00 m	GRANITE - w̄ occas ser alt^{d}/ volc. xenoliths? + cut by occas "fresh" andesite dikes; granite is mostly med ser +/- chl alt^{d}/ w̄ mod to locally strong silicif^{n}; cut by occas fine Qz +/- Cb vnlts/fre fillings; occas orange to flesh (K-spar?) coloured zones + patchy Li stain along fres; Py averages ~ 0.5-1% w̄ occas zones to 2%.					
		24.90 - 30.56 m Orange-flesh coloured granite (K-spar); Py < 1%					

Sheet No.: _____



INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from (m)	SAMPLE INTERVAL to (m)	LENGTH (m)	% RECOVERY
10.94	116.74 m	GRANITE – continued					
		31.14–31.58 m Andesite? dike, pale green, str ser/Cb alt^{d}, porphyritic w/ 2-3% Py diss; He diss common					
		39.08–40.93 m Li stained granite → wk frc zone; Py .5-1%					
		52.97–57.06 m Andesite dike? – looks porphyritic in places & finely xtalline (diorite?) in others; U.C. bleached pale green, dike is med green w/ fine dk chl alt^{d} mafics; L.C. Li alt^{d} w/ Cb Vn @ 15-20°∡; Py<1%.					
		57.06–85.00 m Granite → as previous → mod ser/chl alt^{n}; mod silicification; Py ave 0.5-1%, up to 2% in places					
			19574	69.19	72.24	3.05	
			19575	72.24	75.28	3.04	
			19576	75.28	78.33	3.05	
			19577	78.33	81.65	3.32	
		81.65–82.55 m Volc dike (xenolith?) – green buff, ser/Cb alt^{d}; fine Qz/Cb vnlts/frc fillings; Py<1%	19578	81.65	82.55	0.90	
			19579	82.55	83.91	1.36	
		82.55–85.00 m Granite → ↑ sil + Py filled frcs (Py 2-3%)	19580	83.91	85.00	1.09	
			19581	85.00	87.04	2.04	

Sheet No.: _____



116.74 m

E.O.H.

INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from	SAMPLE INTERVAL to	LENGTH	% RECOVERY
85.00	98.92 m	ANDESITE? OR DIORITE DIKE – dk grey, finely xtalline to finely porphyritic; relatively "fresh" with 2 zones of granite @ 91.04-91.91 m & 96.20-97.44 m; fairly massive w only a few Cb fr fillings/veinlts; tr Py diss; LC chy alt'd & soft.	19582	91.04	91.91	0.87	
			19583	96.20	97.44	1.24	
98.92	116.74 m	GRANITE – cream-grey to pink-grey; wk-mod ser alt'n w mod to locally strong silic'n; ↑ K-spar in pink/orange zones; Py ~ 2-3% as fine diss within fine grey qtz fr fillings; green-buff ser/Cb alt'd volc. xenoliths? common, but have < 1% Py diss.	19584	97.44	98.92	1.48	
			19585	98.92	100.51	1.59	
			19586	100.51	103.40	2.89	
			19587	103.40	104.53	1.13	
			19588	104.53	107.24	2.71	
			19589	107.24	109.58	2.34	
		100.51 – 103.40 m Volc. Xenolith? (Dike?); numerous Qz/Cb veinlts	19590	109.58	112.20	2.62	
		104.53 – 107.24 m " "	19591	112.20	114.91	2.71	
		109.58 – 112.02 m " "	19592	114.91	116.74	1.83	

Sheet No.: _____

DISCOVERY Consultants

DRILL LOG

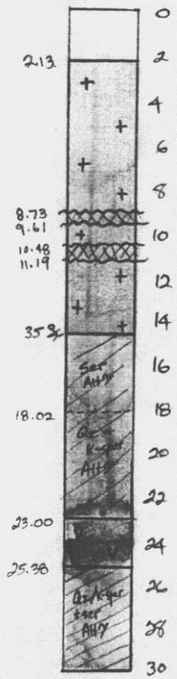
CO-ORDS:	
AZIMUTH:	344°
DIP:	-50°
ELEVATION:	~ 4620 ft
LENGTH:	287 ft (87.48 m)
SECTION:	
PURPOSE:	To intersect "Gold Anomaly/Shear/Alteration Trend" on southern zone.
DRILL TYPE & SIZE:	
DIP TESTS:	Ø

HOLE No.: B96-4

PROPERTY: BAM

LOCATION:

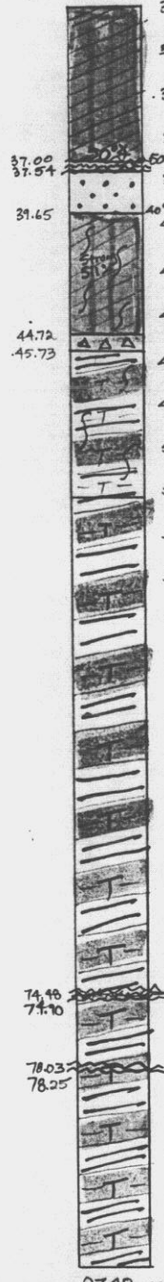
DATE STARTED: Aug. 13, 1996
DATE COMPLETED: Aug. 14, 1996
LOGGED BY: Maggie Dittrick
DATE LOGGED: Aug. 20, 1996



INTERVAL from (m)	INTERVAL to (m)	DESCRIPTION
0.00	2.13 m	CASING
2.13	14.38 m	GRANITE - strong silicif'n overprinting possible ser alt'n; original texture is faint but mostly obliterated; dominantly Li stained w occas lt green-grey to buff-grey patches; numerous fine Cb vnlts/fracfillings; Py 1-2% as small blebs & as diss within f. grey qtz vnlts/fracfillings; 2 Li stained faults
14.38	45.73 m	PHYLLITE
		14.38 - 18.02 m pale green-buff; str Ser alt'n; fol'n @ 50-65°; Py < 1.0%
		18.02 - 23.00 m orange/green/grey; str Qz/K-spar flooding; wk Cb vnlts/fracfillings; Py 1-2% as fine diss & within fine qtz vnlts/fracfillings mostly along fol'n/bdg.
		23.00 - 25.38 m Porphyritic Andesite dike → fine Qz phenos in dk grn. matrix; fine Cb vnlts; Py ≤ 0.5% as fine diss

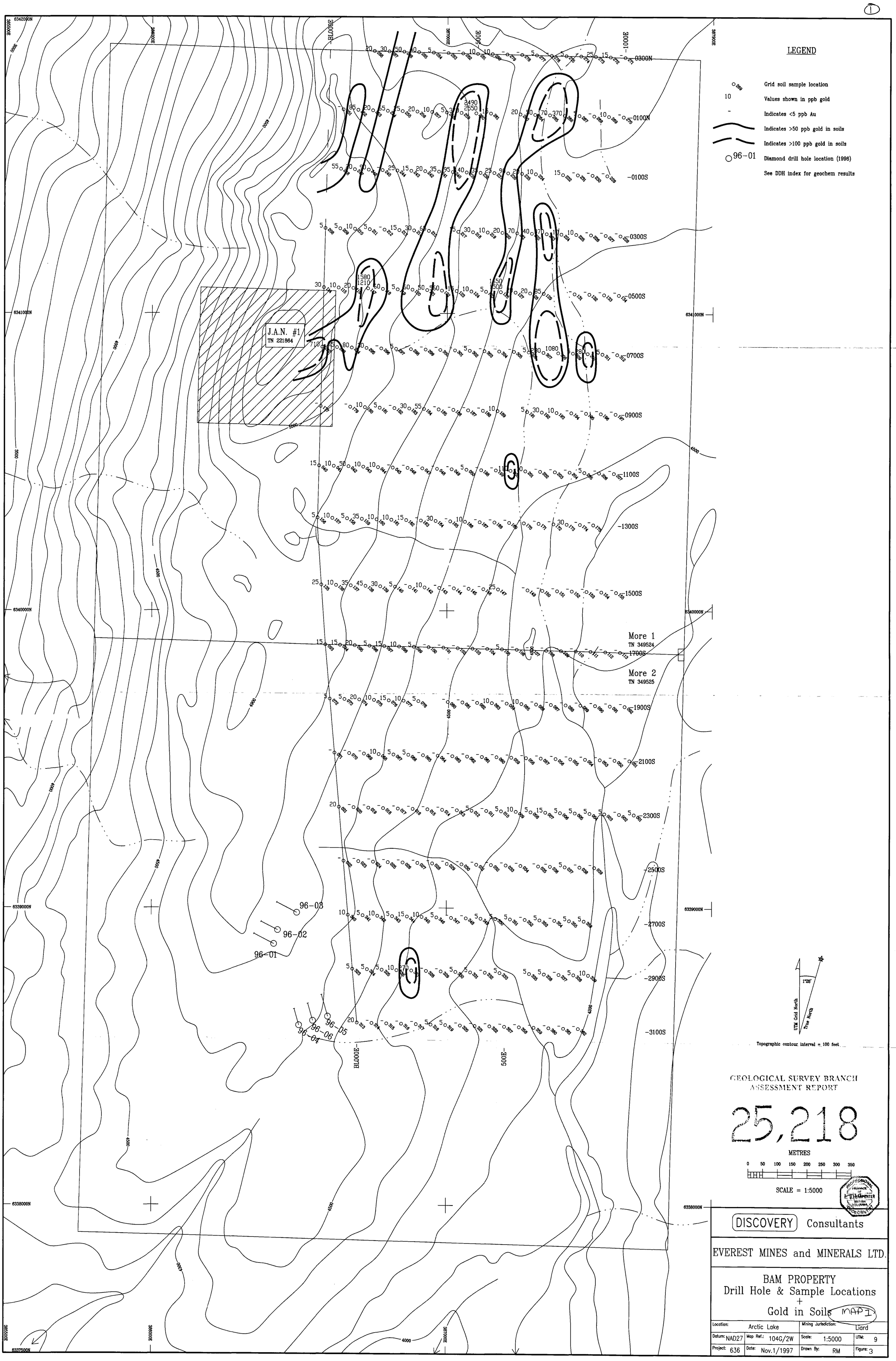
SAMPLE No.:	SAMPLE INTERVAL from (m)	SAMPLE INTERVAL to (m)	LENGTH (m)	% RECOVERY
19593	2.13	4.27	2.14	
19594	4.27	7.31	3.04	
19595	7.31	8.73	1.42	
19596	8.73	10.48	1.75	
19597	10.48	11.19	0.71	
19598	11.19	13.41	2.22	
19599	13.41	14.38	0.97	
19600	14.38	17.00	2.62	
19601	17.00	18.02	1.02	
19602	18.02	20.42	2.40	
19603	20.42	23.00	2.58	

Sheet No.: _____



INTERVAL from	INTERVAL to	DESCRIPTION	SAMPLE No.:	SAMPLE INTERVAL from	SAMPLE INTERVAL to	LENGTH	% RECOVERY
		25.38 – 37.00 m K-spar, Qz, + Ser alt'd → phyllite is pale green-pink grey in colour; folia'n/bdg still quite apparent; occas broken Li stained frc zones; Py diss ~ 1% average	19604	35.66	37.00	1.34	
		37.00 – 37.54 m Fault – intensely Li stained w qtz alt'd pieces within gougey clay alt'd phyllite; str Cb throughout; 50°	19605	37.00	37.54	0.54	
		37.54 – 39.65 m Grit? – str ser alt'd to a pale buff grey, fine grained almost sandy to silty texture now metamorphosed + displaying a wk folia'n; patchy wk-mod Cb; Py 1% as fine blebs + diss; str patchy Li stain.	19606	37.54	39.65	2.11	
			19607	39.65	41.76	2.11	
			19608	41.76	44.72	2.96	
			19609	44.72	45.73	1.01	
			19610	45.73	47.85	2.12	
		39.65 – 44.72 m Strongly silicified, sheared phyllite? → original texture obliterated; "crackle-brecciated" in part; chl common as fine frc fillings; fine grey qtz frc fillings occas w fine Py diss (Py 0.5 – 1%); occas Li stain in frc'd areas.	19611	47.85	50.90	3.05	
			19612	50.90	52.20	1.30	
		44.72 – 45.73 Breccia zone – lt grey frags of v.f.gr voles? → ser/Qz alt'd? in a white matrix of Cb/Qz; strong patchy Li stain; < 0.5% Py in frcs within Li stained zones.					
45.73	52.20 m	SHEARED QZ FLOODED MAROON TUFFS – dk maroon + buff grey finely laminated tuffs?, strongly Qz flooded + partially sheared; strong folia'n/bdg apparent; numerous Qz units + occas wk fine Cb frc fillings; occas Li on frcs Py < 1% as fine diss.					
52.20	87.48 m	FINELY LAMINATED MAROON + GREEN TUFFS – w numerous white Cb/Qz units/vns/+ frc fillings mostly along bdg which is @ 50 – 60°; occas Li on frcs; Py diss < 0.5%; bright green epidote? common from ~ 76 m down to end of hole; occas frc/fault zones.					

Sheet No.: _____



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,218

METRES

0 50 100 150 200 250 300 350

SCALE = 1:5000

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. D. CARPENTER

DISCOVERY Consultants

EVEREST MINES and MINERALS LTD.

BAM PROPERTY
Drill Hole & Sample Locations
+
Gold in Soils MAP 1

Location: Arctic Lake		Mining Jurisdiction: Liard	
Datum: NAD27	Map Ref.: 104G/2W	Scale: 1:5000	UTM: 9
Project: 636	Date: Nov.1/1997	Drawn By: RM	Figure: 3