GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL ASSESSMENT REPORT

on the

TAM CLAIM GROUP
(TAM, HAM, REM & TAM 90 Claims)

located in the

OMINECA MINING DIVISION
56 degrees 00'N and 125 degrees 30'W
N.T.S. 93N/13E, 14W & 94C/3W, 4E

owned by:

MAJOR GENERAL RESOURCES LTD.
#1000 - 900 W. Hastings Street
Vancouver, BC V6G 1E5

operated by:

VARITECH RESOURCES LTD.
#401 - 325 Howe Street
Vancouver, BC V6C 1Z7

managed by:

MINCORD EXPLORATION CONSULTANTS LTD
#110 - 325 Howe Street
Vancouver, BC V6C 1Z7

written by:

Peter Peto, Ph.D., F.G.A.C.
January 9, 1991

Table of Contents

Page No.

1.0 Introduction.....1
2.0 Location and Access.....1
3.0 History.....1
4.0 Property Definition.....4
5.0 Regional Geology.....5
6.0 Property Geology.....6
6.0a Boundary Grid - Geology and Mineralization.....6
6.0b Slide Grid - Geology and Mineralization.....9
7.0 Geochemical Surveys.....10
8.0 Geophysical Surveys.....13
9.0 Interpretation.....15
10.0 Conclusions.....16
11.0 Recommendations.....17

Appendices

1. References Cited
2. Itemized Cost Statement
3. Author's Certificate
4. Revised Core Logs
5. Geochemical & Assay Certificates
6. Geophysical Survey Report - Scott Geophysics

Tables

Table 1: TAM Claim Status
Table 2: TAM Drill Hole Summary

Figures

Figure 1: Property Location Map (Approx. 1:7.4 million)
Figure 2: Claim Map (1:50,000)
Figure 3: Regional Geological Setting (1:10 million)
Figure 4: Regional Geology Map (1:100,000)

Attachments

Geology Maps
Figure 5: Generalized Property Geology Map (1:10,000)
Figure 6: Geology of Boundary Grid (1:2,500)
Figure 7: Geology of Slide Grid (1:2,500)

Geochemistry Maps
Figure 8: Copper Gold Geochemistry, Boundary Grid (1:2,500)
Figure 9: Copper Gold Geochemistry, Slide Grid (1:2,500)

Geophysical Maps
Figure 10a: Magnetics, Boundary Grid (1:2,500)
Figure 10b: Magnetics, Slide Grid (1:2,500)
Figure 11a: VLF-EM Filtered Data, Boundary Grid (1:2,500)
Figure 11b: VLF-EM Raw Data, Boundary Grid (1:2,500)
Figure 12a: VLF-EM Filtered Data, Slide Grid (1:2,500)
Figure 12b: VLF-EM Raw Data, Slide Grid (1:2,500)

Geophysical Maps Cont.

Figure 13a: Chargeability, Boundary Grid (1:2,500)
Figure 13b: Resistivity, Boundary Grid (1:2,500)
Figure 14a: Chargeability, Slide Grid (1:2,500)
Figure 14b: Resistivity, Slide Grid (1:2,500)
Figure 15: I.P. Pseudosections (14 Sheets 1:2,500)

1.0 INTRODUCTION

Varitech Resources Ltd. optioned the Tam Cu-Au property from Major General Resources Ltd. and commissioned Mincord Geological Consultants to carry out a preliminary surface exploration program recommended by Orequest Consultant Ltd. (Chapman, 1990). The bulk of the exploration program was carried out over two separate grids which are largely coincident with grids used by Union Miniere Exploration Ltd. (UMEX) in the early seventies (Burgoyne & Pauwels, 1974). The present day exploration program is briefly summarized below with further elaboration given within the text of this report.

Boundary Grid: Line cutting 15 kilometers, soil sampling: 505 samples analyzed for Ag, Au, As, Cu, Mo and Zn. Rock chip sampling: 69 samples (as above); geological mapping of 2 square kilometers on 1:2500 scale; Induced polarization, Magnetometer and VLF-EM surveys on 17 line kilometers.

Slide Grid: Line cutting 11.6 kilometers; soil sampling: 228 samples; 44 Rock chip samples; geological mapping of 1.1 square kilometers on 1:2500 scale and; 9.2 kilometers of I.P., 10.7 kilometers of magnetometer and 5.2 kilometers of VLF-EM surveys.

In addition, 277 core samples were taken over selected intervals from old UMEX core and analyzed for gold and copper. An addition, 26 soils and silts and 25 rock samples were collected from the TAM 90 claims as part of a prospecting program covering some 25 square kilometers.

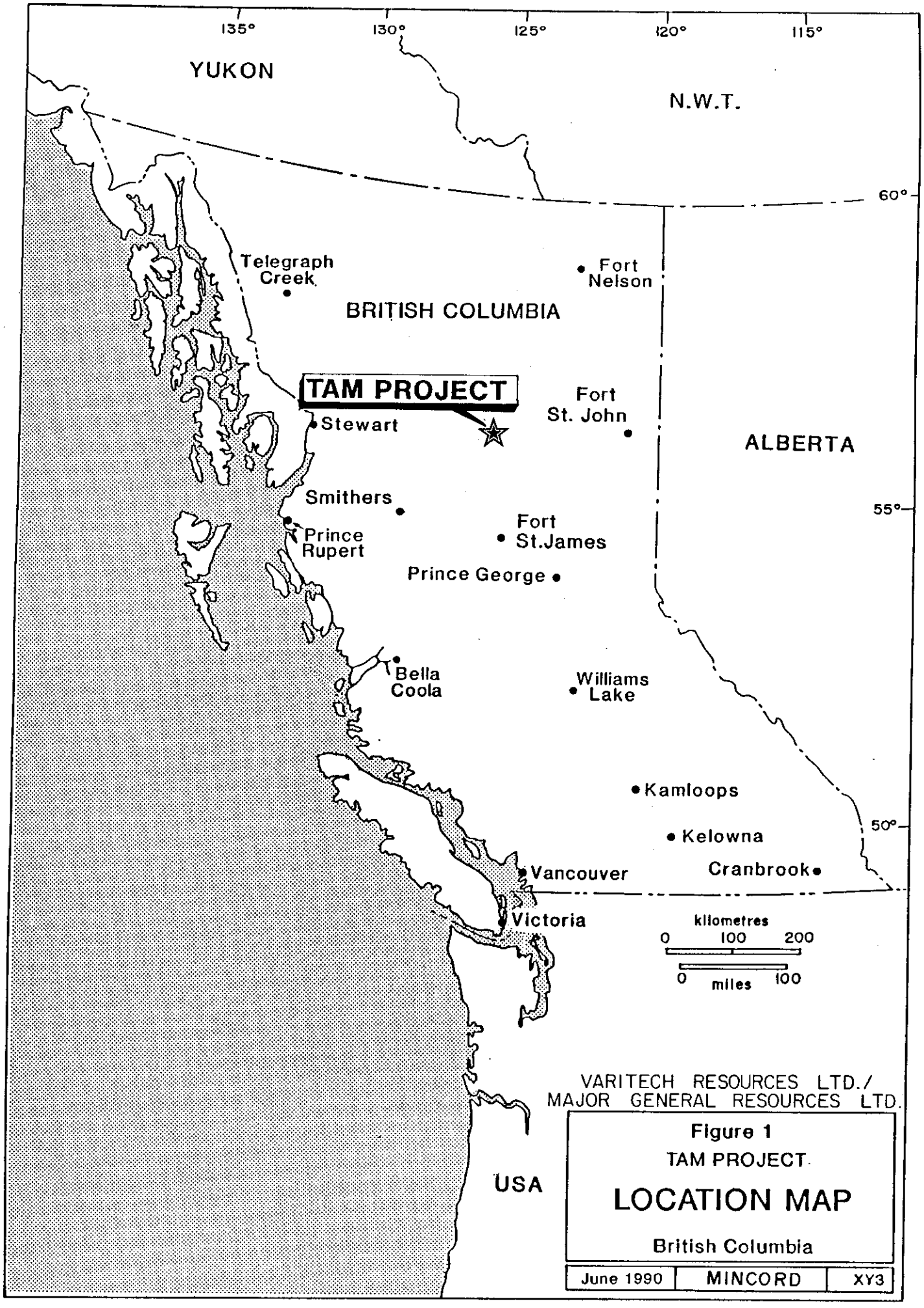
2.0 LOCATION AND ACCESS

The Tam property is situated within the Omineca Mountains some 200 kilometers NNE of the town of Smithers (Figure 1). Access to the property is via Uslika Lake by float plane or by road to the Osilinka River from Fort St. James and by helicopter from there to a tent camp on Haha Creek. A logging road is projected to reach the property, some 12 kilometers distant, in the near future. An alternate land route to the claim area is via a bulldozer road from the 'Lorraine' Copper prospect, situated to the south of the property.

The claims straddle the glacially scoured, east trending valley of Haha Creek which rises from 1025 to 1800 meters above sea level. Ridges north of the valley are more rugged than those located to the south. Tree line ends at about 1500 meters above sea level. The property was actively explored by UMEX from 1969 to 1975 resulting in the diamond drilling of some 2871 meters in 24 holes (See Table 2 and Appendix 12).

3.0 HISTORY

The following excellent summary of the exploration history of the Tam property has been excerpted, with the permission of the author, from a report by J. Chapman (1990).


135°
130°
125°
120°
115°
YUKON
N.W.T.
60°
Telegraph Creek
Fort Nelson
BRITISH COLUMBIA
TAM PROJECT
Stewart
Fort St. John
ALBERTA
Smithers
55°
Prince Rupert
Fort St.James
Prince George
Bella Coola
Williams Lake
Kamloops
Kelowna
50°
Vancouver
Cranbrook
Victoria
kilometres
0 100 200
0 miles 100
USA
VARITECH RESOURCES LTD./
MAJOR GENERAL RESOURCES LTD.
Figure 1
TAM PROJECT
LOCATION MAP
British Columbia
June 1990
MINCORD
XY3

"The original showing on the claim block was discovered during the late 1940's when reconnaissance exploration of the Duckling Creek area by Kennco Explorations (Western) Ltd. uncovered copper mineralization along a north facing cirque wall overlooking the Haha Creek Valley. Recent exploration commenced on the Tam property in 1969 with the staking of the original Tam claims. During the period 1969 through 1972 reconnaissance style exploration was carried out by Dolmage Campbell and Associates on behalf of UMEX. This work was directed at evaluating the Hogem Batholith, and the Duckling Creek Syenite Complex, in a search for porphyry type deposits. A large block of ground covering the northern quarter of the Duckling Creek Syenite Complex, in a search for porphyry type deposits. A large block of ground covering the northern quarter of the Duckling Creek Syenite Complex was staked as a result of these programs. The new claims were then mapped, prospected, soil and sediment sampled to various degrees. Numerous small copper showings and prospects were located as a result of this work however apart from the Tam project none received any significant follow up."

"In 1973 UMEX assumed direct control of the program and concentrated on evaluating the Tam property which at that time consisted of the Tam and Ham claims. Only approximately $35,000 was expended between 1973 and 1976 on exploration of the remainder of the Duckling Creek Syenite Complex outside the Tam property."

"Under the supervision of Dolmage Campbell and Associates, five drill holes totalling over 762 meters were completed (holes 72-1 through 5) in the area of the Cirque and Fault showings. No drill logs were available to the author for this work, however the 1973 Summary Report for UMEX indicates intervals of 60 feet grading 0.31% copper and 20 feet of 0.64% copper in two holes near the Cirque showing."

"A soil sampling program over the Jo Ann claims, on the southeast border of the Tam, defined a large and significant copper anomaly which resulted in them being optioned by UMEX in 1973."

"The 1973 exploration program included staking the Tam claims to cover the projected northwesterly extension of the mineralization encountered on the Tam and Ham claims. Work included soil geochemistry (analyzed for copper and silver), ground magnetic surveys and geologic mapping on the Rem claims. This work was carried out concurrently with the geologic mapping, soil geochemical surveys (analyzed for copper and silver), magnetic, electromagnetic and Induced Polarization surveys (Jo Ann claims only), trenching and diamond drilling on the Tam and surrounding Ham claims. Diamond drilling amounted to 183.8 meters in 4 holes, TR-73-1 and 2 on the Boundary showing, and JA-73-1 and 2 on the Jo Ann claims, which are no longer part of the property."

"The 1974 program concentrated on the area of the boundary and Midway showings and consisted mainly of drilling, induced polarization and magnetic surveys, soil geochemistry, geologic mapping and trenching. In addition 68 peripheral claims were

staked and received varying degrees of reconnaissance exploration before being allowed to lapse. The drilling program amounted to 13 holes totalling 2184.1 meters predominantly on the Boundary and Midway showings, but with one hole each on the Slide and Fault showings."

DRILLING SUMMARY 1973-1976

Hole	Year	Location	Bearing Degrees	Depth	Angle	Target
TR-1	1973	L59+90S/59E		198'4"	-90	Boundary
TR-2	1973	L58S/56E	060	49'	-45	Boundary
JA-1	1973	L8/8N		202'	-	Jo Ann
JA-2	1973	L0/5N		154'	-	Jo Ann
TR-3	1974	BL0/38E	025	281'	-45	REM (Slide)
TR-4	1974	IP 12+90S/ 1+06W	220	300'	-45	Midway
TR-5	1974	T97N/98W	360	198'	-45	Fault
TR-6	1974	L0/3E	232	676'	-45	Boundary
TR-7	1974	L2N/3E	232	678'	-45	Boundary
TR-8	1974	L2N/3E	232	157'	-45	Boundary
TR-9	1974	L2N/5E	232	848'	-45	Boundary
TR-10	1974	L2N/4E	232	435'	-45	Boundary
TR-11	1974	L16+80S/2+30E	232	597'	-45	Midway
TR-12	1974	L20S/4+50E	232	600'	-45	Midway
TR-13	1974	L0/7E	232	1078'	-45	Boundary
TR-14	1974	L0/2W	232	678'	-45	Boundary
TR-15	1975	L6N/3E	232	698'	-45	Boundary
TR-16	1975	L4S/2W	232	121.3m	-45	REM
TR-17	1975	L5+50N/1W		119.3m	-90	REM
TR-18	1975	L10N/1E	232	122.6m	-45	Boundary
TR-19	1975	L10N/1W	232	121.9m	-45	Boundary

"Work performed during the 1975 field season included Induced Polarization and magnetic surveys, soil geochemistry, geologic mapping and diamond drilling. The work program was directed principally at the Rem claims which cover the area northwest of the Boundary deposit, however some soil sampling was carried out over the End claims, staked north of the Boundary deposit on the east side of the Rem claims. A grid based magnetic, IP and soil sampling survey was conducted over the Rem 17-41, 68, 70 and 72 claims followed up by two diamond drill holes, (T-75-16, 17). Two additional holes were drilled to test the northwest extension of the Boundary deposit however no significant mineralization was encountered in T-75-16, 17, 18 and 19."

"During the 1976 work program soil geochemical sampling was carried out over the ND claims which were staked to the northwest of the Slide showing. A maximum value of 511 ppm copper was received from this work and these claims were allowed to lapse."

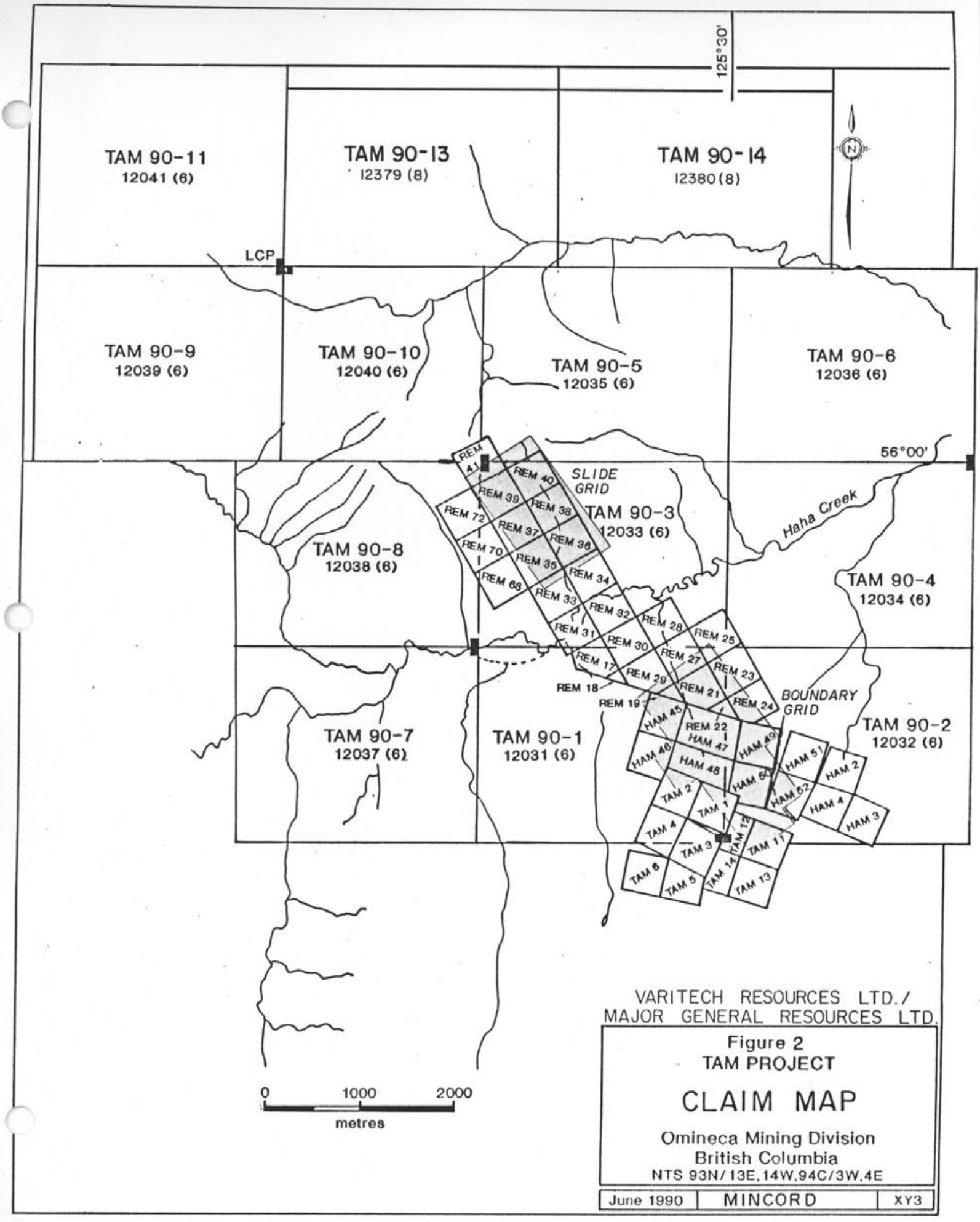
"Other significant projects in the area include the Lorraine Deposit (Kennco/Granby), the Misty property (El Paso Mining and Milling Co.) and the Cat/Bet project (BP Resources/Lysander Gold Corp.). Extensive exploration programs are under way by numerous companies stretching over a 150 kilometers long block of claims between the Tam project and the Mt. Milligan Deposit to the southeast."

4.0 PROPERTY DEFINITION

The Tam property consists of 10 modified grid claims comprising some 216 units which partially overlap a contiguous block of two post claims originally recorded between August, 1969 and February, 1973. The initial recorded positions of the TAM, HAM and REM two post claims were misplaced on the government claim maps but are correctly positioned in Figure 2. The current claim status of the property is shown in Table 1.

TABLE 1 - CLAIM STATUS

Claim Name	Date of Record	Record No.	Mining District	Expiry Date
Ham 2	08/04/72	114155	Omineca	08/04/91
Ham 3	08/04/72	114156	Omineca	08/04/91
Ham 4	08/04/72	114157	Omineca	08/04/91
Ham 45	08/04/72	114198	Omineca	08/04/91
Ham 46	08/04/72	114199	Omineca	08/04/91
Ham 47	08/04/72	114200	Omineca	08/04/91
Ham 48	08/04/72	114201	Omineca	08/04/91
Ham 49	08/04/72	114202	Omineca	08/04/91
Ham 50	08/04/72	114203	Omineca	08/04/91
Ham 51	08/04/72	114204	Omineca	08/04/91
Ham 52	08/04/72	114205	Omineca	08/04/91
Rem 17	02/02/73	119782	Omineca	02/02/91
Rem 18	02/02/73	119783	Omineca	02/02/91
Rem 19	02/02/73	119784	Omineca	02/02/91
Rem 20	02/02/73	119785	Omineca	02/02/91
Rem 21	02/02/73	119786	Omineca	02/02/91
Rem 22	02/02/73	119787	Omineca	02/02/91
Rem 23	02/02/73	119788	Omineca	02/02/91
Rem 24	02/02/73	119789	Omineca	02/02/91
Rem 25	02/02/73	119790	Omineca	02/02/91
Rem 27	02/02/73	119792	Omineca	02/02/91
Rem 28	02/02/73	119793	Omineca	02/02/91
Rem 29	02/02/73	119794	Omineca	02/02/91
Rem 30	02/02/73	119795	Omineca	02/02/91
Rem 31	02/02/73	119796	Omineca	02/02/91
Rem 32	02/02/73	119797	Omineca	02/02/91
Rem 33	02/02/73	119798	Omineca	02/02/91
Rem 34	02/02/73	119799	Omineca	02/02/91
Rem 35	02/02/73	119800	Omineca	02/02/91
Rem 36	02/02/73	119801	Omineca	02/02/91
Rem 37	02/02/73	119802	Omineca	02/02/91



VARITECH RESOURCES LTD./
MAJOR GENERAL RESOURCES LTD.

Figure 2
TAM PROJECT

CLAIM MAP

Omineca Mining Division
British Columbia
NTS 93N/13E,14W,94C/3W,4E

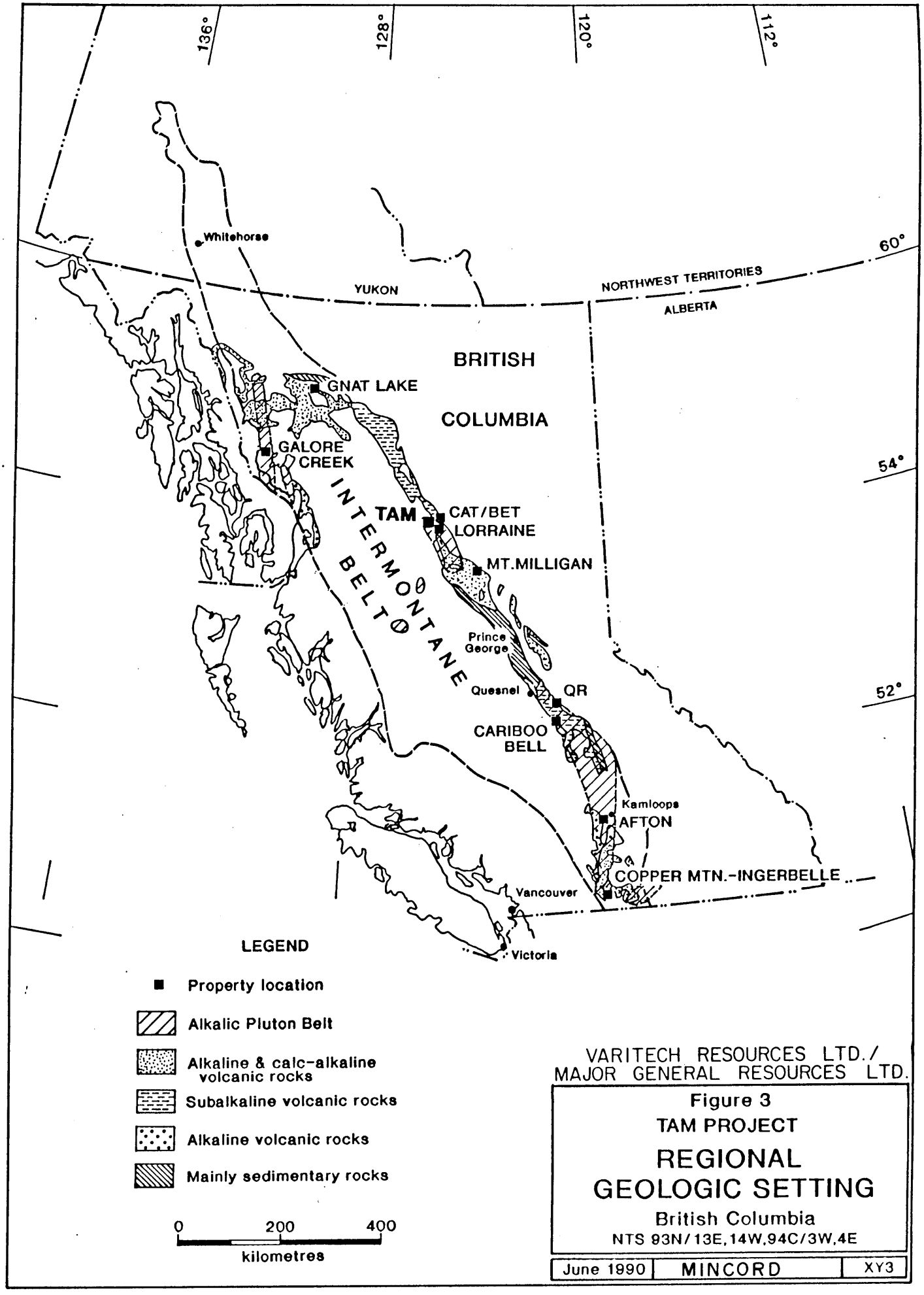
June 1990	MINCORD	XY3

Claim Name	Date of Record	Record No.	Mining District	Expiry Date
Rem 38	02/02/73	119803	Omineca	02/02/91
Rem 39	02/02/73	119804	Omineca	02/02/91
Rem 40	02/02/73	119805	Omineca	02/02/91
Rem 41	02/02/73	119806	Omineca	02/02/91
Rem 68	02/02/73	119833	Omineca	02/02/91
Rem 70	02/02/73	119835	Omineca	02/02/91
Rem 72	02/02/73	119837	Omineca	02/02/91
Tam 1	08/25/69	79224	Omineca	08/25/91
Tam 2	08/25/69	79225	Omineca	08/25/91
Tam 3	08/25/69	79226	Omineca	08/25/91
Tam 4	08/25/69	79227	Omineca	08/25/91
Tam 5	08/25/69	79228	Omineca	08/25/91
Tam 6	08/25/69	79229	Omineca	08/25/91
Tam 11	08/25/69	79234	Omineca	08/25/91
Tam 12	08/25/69	79235	Omineca	08/25/91
Tam 13	08/25/69	79236	Omineca	08/25/91
Tam 14	08/25/69	79237	Omineca	08/25/91
Tam 90-1	06/10/90	12031	Omineca	06/10/91
Tam 90-2	06/10/90	12032	Omineca	06/10/91
Tam 90-3	06/11/90	12033	Omineca	06/11/91
Tam 90-4	06/10/90	12034	Omineca	06/10/91
Tam 90-5	06/12/90	12035	Omineca	06/12/91
Tam 90-6	06/11/90	12036	Omineca	06/12/91
Tam 90-7	06/12/90	12037	Omineca	06/11/91
Tam 90-8	06/12/90	12038	Omineca	06/12/91
Tam 90-9	06/13/90	12039	Omineca	06/13/91
Tam 90-10	06/12/90	12040	Omineca	06/12/91
Tam 90-11	06/13/90	12041	Omineca	06/13/91
Tam 90-13	07/27/90	12379	Omineca	07/27/91
Tam 90-14	07/27/90	12380	Omineca	07/27/91

5.0 REGIONAL GEOLOGY

The property is situated within the Hogem Batholith, an Upper Triassic to Lower Cretaceous composite intrusion emplaced into volcanic rocks of late Triassic age known as the Takla Group. The Takla Group is part of a larger tectonic assemblage known as the 'Quesnel Trough' which hosts several economically significant copper-gold alkaline porphyry deposits such as those shown on Figure 3.

The Hogem Batholith is an elongate, north west trending, semi-concordant synorogenic, composite, mesozonal, plutonic complex. Peto (1971) recognized 17 distinct plutonic varieties on the bases of mineralogical, textural and field relation criteria. Garnett (1978) subdivided the southern Hogem Batholith into three rock suites: an early Phase I "Hogem" suite of Upper-Triassic to Lower Jurassic age, Phase II "Duckling Creek Syenite Complex" of Lower to Middle Jurassic age and Phase III, "Granites" of early Cretaceous age. The Tam property is situated along the eastern margin of the Duckling Creek Syenite Complex as shown in Figure 4.



VARITECH RESOURCES LTD./
MAJOR GENERAL RESOURCES LTD.

Figure 3
TAM PROJECT

REGIONAL GEOLOGIC SETTING

British Columbia
NTS 93N/13E,14W,94C/3W,4E

June 1990	MINCORD	XY3

TAM PROJECT

HAHA CREEK

LEGEND

LOWER JURASSIC (?) TO LOWER CRETACEOUS

OMINECA INTRUSIONS [3 (?) to 9]

HOGEM BATHOLITH

9 LATE DYKES, light brown, orange, grey, aphanitic to fine grained, commonly porphyritic; mainly latite, less commonly dacite, rhyodacite, rhyolite, fine-grained granite

8 QUARTZ MONZONITE, pink to white, medium to coarse grained, leucocratic to holofelsic; porphyritic; grades into granite in some areas

7 GRANODIORITE, light grey to white, medium to coarse grained, leucocratic

6 DUCKLING CREEK SYENITE COMPLEX, great variety in texture and mafic content; contains both magmatic and metasomatic potash feldspar-rich rocks; although not mapped separately, the Complex consists of three main divisions

(i) brown to orange, medium to coarse-grained, leucocratic to holofelsic intrusive rocks. quartz veins occasionally cut these rocks

(ii) dark grey-pink mottled, fine to medium-grained meso- to melanocratic hybrid potash feldspar rock, generally foliated appearance.

(iii) brown to orange, pegmatitic to aplitic dykes and stringers cutting the above divisions as well as Units 2 to 5

6A POTASH FELDSPAR ENRICHED HYBRID MONZONITE, pink to orange/black mainly fine to medium grained, leucocratic to mesocratic

5 MONZODIORITE-MONZONITE, grey/black mottled, fine to medium-grained, mesocratic ; quartz-bearing varieties are present; dykes of this unit cut Unit 2 along the Hogem-Takla contact area; accessory magnetite is common in Units 3, 4, and 5

4 DIORITE, dark grey to black, medium-grained

3 BIOTITE-POTASH FELDSPAR PYROXENITE, dark green/black mottled, coarse grained; occurs as lenses and irregularly shaped blocks within Units 6 and 6A

UPPER TRIASSIC TO LOWER JURASSIC

2 TAKLA GROUP VOLCANIC ROCKS, mainly dark green tuffs and breccias of andesitic to basaltic composition; occasionally interbedded with flow rocks and cut by pyroxene and feldspar porphyry dykes of similar composition; interbedded dolomites were noted at one locality

AGE UNKNOWN

1 FOLIATED 'BASEMENT' ROCKS, mainly amphibole-biotite-potash feldspar foliates, gneisses, and schists; some garnetiferous and calcareous mica schists have been noted; this unit appears at topographically lower levels enveloped and cut by Unit 6 foliates

SCALE - MILES 0 1 2

SCALE - KILOMETERS 0 1 2 3

VARITECH RESOURCES LTD./
MAJOR GENERAL RESOURCES LTD.

Figure 4

TAM PROJECT
Omineca Mining Division

PROPERTY GEOLOGY
(After J.A.Garnett, Preliminary Map No.5)
British Columbia
NTS: 93 N/13E, 14W & 94 D/3W, 4E

JUNE 1990 | MINCORD | DRAFTING: RWR

Garnett (1978) divides the Duckling Creek complex into two regional units: (Unit 6) a dark grey to pink, fine to medium grained, foliated syenite and (Unit 7) a pink texturally variable, leucocratic syenite. In actual fact Garnett (1974) recognized four distinct varieties within the complex (see Figure 4), namely: Unit 6i - a brown to orange, medium to coarse grained leucosyenite; Unit 6ii - a mottled dark grey-pink, fine to medium grained mesocratic syenite; Unit 6iii - a brown to orange, aplitic to pegmatic textured, holofelsic syenite occurring as dykes, veins and stringers; and 6A - a mottled, pink to orange black, fine to medium grained, streaky, gneissose to schistose "potash enriched hybrid monzonite". These are the rock units which also underlie the Tam claims.

6.0 PROPERTY GEOLOGY

A generalized geological map of the claim area showing claim boundaries and grid layouts is given by Figure 5. On this map rock units are defined as follows: Unit 1, a mottled, grey-red, medium to coarse grained, massive to foliated monzodiorite or syenodiorite. It occurs along the eastern portion of the claims and represents an early (Phase I) mafic differentiate of the Hogem Batholith. Unit 2 consists of an undifferentiated assemblage of foliated boarder facies or epizonal roof rocks consisting of greenstones, greenschists, micaschists (paragneiss) and deformed volcaniclastics which probably represent Takla Group roof pendants. These are intruded by well foliated, fine grained monzonites and syenites which are said to consist of potash feldspar, plagioclase, biotite, muscovite, quartz, magnetite with variable amounts of accessory pyrite, chalcopyrite, calcite and hematite (Pauwels and Burgoyne, 1976).

Unit 3 is a mottled grey/pink/red, medium to coarse grained, equigranular to porphyritic, massive to foliated strongly magnetic, mesocratic syenite. Mafic minerals, consisting of pyroxene, amphibole and biotite, are interstitial to coarser grained feldspar crystals which become megacrystic in porphyritic varieties. Unit 4 is pink, brown, orange, medium to very coarse grained, massive to weakly foliated, weakly magnetic leucocratic syenite. It consists largely of alkali feldspar with interstitial sericite and minor chloritized mafics, usually biotite or hornblende. Both Units 3 and 4 belong to Phase II of the Hogem suite which are known to host low grade copper prospects throughout the Duckling Creek complex.

Unit 5 is a speckled, grey to brown, medium grained, equigranular, uniformly textured quartz monzonite. It probably belongs to Phase III of the Hogem suite and is found mostly in the northern portions of the property.

6.0a BOUNDARY GRID - GEOLOGY AND MINERALIZATION

The Boundary Grid (Figure 6) covers an intrusive contact zone of northwest trending, vertically dipping septum of Unit 2 foliates which have been intruded by a plug of leucosyenite and its

associated dykes (Unit 4). Remnants of altered mesocratic syenite (Unit 3) intrude and are preserved within Unit 2 foliates. Several localized areas of copper mineralization are observed to occur within Unit 2 foliates adjacent to the leucosyenite plug. These are known as the "Boundary", "Midway", "Creek" and "Ridge" prospects.

The "Boundary" deposit, centred around 0+00N and 0+50E, was estimated to have possible geologic reserves of 7.2 million tons averaging 0.55% Cu and 0.12 oz/ton silver (Dyson, 1974). Copper mineralization occurs both as fine grained disseminations and as fracture fillings. (quartz +/- pyrite, quartz +/- chalcopyrite, biotite +/-chalcopyrite, K-spar +/- chalcopyrite, magnetite +/- chalcopyrite and chalcopyrite +/- pyrite veins, veinlets, stringers and discontinuous seams). Some mineralized fractures show reddish K-spar +/- pyrite +/- sericite alteration envelopes; quartz vein stockwork is poorly developed. Chalcopyrite to pyrite ratios are very high near the core of the deposit but an outer pyrite halo is either weak or poorly preserved. No propylitic (clinozoisite +/- epidote +/- calcite) alteration assemblages were observed within or marginal to the deposit but the strongest copper mineralization was clearly coincident with strong potassic (secondary K-feldspar + biotite) alteration. Gold values based on re-assaying of copper-rich sections in 11 drill holes are generally erratic and low in comparison to other economically viable Cu-Au deposits.

The "Midway" showing, situated near the base line at 4+50S, consists of sparsely disseminated chalcopyrite in dark, fine grey foliated monzonite. The 'Ridge' showing, situated on a steep west facing slope, beyond the west end of the grid, appears to be a small erosional remnant of a gneissic roof pendant cut by chalcopyrite bearing leucosyenite dykes. Mineralization consists of malachite stained, highly fractured (N50 degrees E/ 80 degrees NW) schistose monzonite over an area limited to some 50 meters across.

The "Creek" showing also occurs on the same ridge face just to the north of the 'Ridge' showing, and consists largely of disseminated fine grained blebs of chalcopyrite within schistose to gneissic monzonites largely exposed along talus slopes just above the creek. Some fracture controlled chalcopyrite associated with secondary biotite was found but fracture densities are low. Malachite stain is rare.

The "Sam" zone is another area of weak or spotty copper mineralization, consisting of malachite and azurite stain, is observed in talus on the south end of the Boundary Grid. The area is near a contact zone between Units 2 and 4 wherein rocks are rusty, sheared and show argillic (clay) or phyllic (sericite and pyrite) alteration. In addition several prominent, north trending quartz veins, crop out just east of the base line and may represent a single en echelon vein system.

The "Cirque" showing is situated on the Tam 3 and 4 claim (Figure 5), west of the Boundary grid, and consists of disseminated chalcopyrite (0.31% Cu/19 meters) in magnetite rich biotite syenite intruded by leucosyenite dykes.

The "Fault" showing situated on the Tam 5 and 6 claims, to the south of the "Cirque" showing, consists of disseminated chalcopyrite and bornite in iron stained foliated monzonites exposed in a prominent N 50 degrees W trending lineament. Surface sampling (Burgoyne and Pauwels, 1974) yielded a weighted average of 0.65% Cu and 0.2 oz/ton Ag over 36 meters but the best drill hole intercepts were limited to only 0.64% Cu over 6 meters.

The presence of faults on the Boundary Grid are indicated in drill core, however due to a lack of good rock exposure it is difficult to ascertain the attitude and extent of even the most obvious faults. As observed in core, faults are post-mineral and are accompanied by strong argillic alteration. The Boundary grid is dissected by several east trending lineaments, evident as draws, gaping chasms or scarps, which probably represent subsidiary faults paralleling a master fault underlying the valley of Haha Creek. Several drainages have a northerly orientation also suggesting they may be controlled by underlying faults. A series of several step-like tilted blocks evident along the southern portion of the grid also suggest that a rectilinear array of north and east trending normal faults have disrupted the intrusive complex.

A survey of joint patterns over the grid area appears to support this view which was also found to hold at the Lorraine Cu deposit (Garnett, 1972). Burgoyne and Pauwels (1975) speculate that a strong "northwest" trending zone truncates the Boundary deposit to the southeast with possible right lateral displacement to the northwest. If one interpolates fault-zones observed in DDH 74-9 and 74-13 one obtains a vertically projected fault trace trending N 75 degrees W, which also coincides with a sharp resistivity contrast, suggesting a fault bounded cut off of the copper deposit. Similarly a prominent east trending scarp, just south of DDH 73-1 may represent a fault trace also observed in core from DDH 74-10. Further, drill holes 74-6, 7 and 8 consist largely of mineralized foliates (91%, 82% and 68% respectively) to a vertical thickness of some 175 meters; whereas drill holes 9, 10, 13 and 14 consist largely of unmineralized intrusive (49%, 80%, 64% and 63% respectively) with a correspondingly lesser thickness of foliates (25-111 meters) largely diluted by barren dyke rocks (see Table 2 and Appendix 12). These would seem to indicate that the Boundary deposit is almost entirely enclosed within a down faulted fault block or the keel shaped protuberance of a roof pendent engulfed by intrusions. In either case there is little scope for increasing tonnage unless it is drilled to test for a northwesterly extension which is largely precluded by Induced polarization data (see Figure 13a).

6.0b SLIDE GRID - GEOLOGY AND MINERALIZATION

The "Slide" Grid is situated on a steep (average 28 degrees) south facing slope, largely covered by colluvium and a secondary growth of slide alder, willow and scrub spruce. Outcrop is largely confined to the northern most and east central portions of the grid. Present mapping (Figure 7) and reference to maps produced by Burgoyne and Pauwels (1973) and Pauwels and Burgoyne (1975) indicates that the grid is largely underlain by northwest trending Takla and Duckling Creek type foliates (Unit 2), well exposed above 5400 feet elevation and perhaps 1000 meters wide. These are intruded by medium to coarse grained, largely megacrystic, magnetic mesosyenite (Unit 3) to the east and northwest, which in turn are intruded by pink coarse grained leucosyenite (Unit 4) cropping out to the south and southwest. The foliates tend to be well bedded, with gneissic to schistose textures trending N 45 degrees W to westerly with near vertical dips. Pauwels and Burgoyne (1975) depict the pendent as progressively thinning southward, downslope, to a thickness of less that 50 meters along line 5+00S.

Angular talus blocks of gneissic monzonite or greenschist carrying disseminated chalcopyrite are scattered over the grid area. Strong malachite stain is observed in a hand dug trench cutting greenschist near 6+00N and 0+50E which is referred to as the "Slide" showing. Several areas of localized copper mineralization were observed to occur in syenitic gneisses immediately north of the grid area. In addition, mesosyenite cut by thin, discontinuous, drusy quartz veinlets carrying disseminated bornite were observed to the northwest of the grid area. Rock chip sampling of these areas outside the grid are shown in Figure 5. Prospecting in these areas indicates that the roof pendent also thins and pinches out northward. The bedrock source of mineralized float is however probably located just south of the "Slide" showing as indicated by geophysical and geochemical surveys.

Table 2: TAM PROPERTY DRILL HOLE SUMMARY

DDH #	LOCATION	LENGTH METERS	Cu %/ INTERVAL (m)	% FOLIATES	% LEUCOSYN	% MESOSYN	SHOWING
72-1	Off Grid	-	0.31/18.3	8.4	-	-	Cirque
72-2	Off Grid	145.5	<0.01	0	-	-	Cirque
72-3	Off Grid	146.8	<0.01	0	-	-	Fault
72-4	Off Grid	161.8	<0.01	0	-	-	Fault
72-5	Off Grid	153.1	0.64/6.1	9.0	-	-	Fault
73-1	0+00	60.5	0.55/58.25	50.5	8.8	27.0	Boundary
73-2	0+61N/0+60W	14.9	0.146/12.5	25.0	75.0	-	Boundary
74-3	2+25S/2+40W	85.7	No Assays	0	23.2	73.0	Haha Ck.

DDH #	LOCATION	LENGTH METERS	Cu %/ INTERVAL (m)	% FOLIATES	% LEUCOSYN	% MESOSYN	SHOWING
74-4	3+40S/0+25W	91.5	0.2/2.13	0	41.0	59.0	Midway
74-5	?	60.4	No Assays	100.0	-	-	No Core
74-6	0+00N/0+85E	208.4	0.75/178.4	91.2	8.8	-	Boundary
74-7	0+50N/1+00E	206.7	0.37/91.5	82.0	11.4	6.6	Boundary
74-8	0+50N/1+00E	47.0	0.19/9.15	68.0	22.0	9.8	Boundary
74-9	0+85N/1+50E	458.6	0.29/98.8	50.6	46.9	2.5	Boundary
74-10	0+45N/1+25E	132.7	<0.01/33.5	19.7	76.3	4.0	Boundary
74-11	4+40S/0+80E	182.1	0.16/18.3	60.0	40.0	-	Midway
74-12	5+35S/1+75E	183.0	0.22/9.15	56.0	41.8	1.2	Midway
74-13	0+00N/2+10E	310.5	0.25/9.15	36.0	51.8	12.2	Boundary
74-14	0+00N/0+60E	206.6	Spot Assays	37.2	55.5	7.3	Boundary
75-15	1+75N/1+00E	212.8	Spot Assays	36.4	63.6	-	Boundary
75-16	5+75S/1+25W	119.4	0.31/6	36.0	63.3	0.7	Slide
75-17	0+50S/0+30W	117.3	0.43/3.0	46.0	12.0	42.0	No Core
75-18	2+55N/0+55E	122.6	No Assays	16.8	26.8	40.6	Boundary
74-19	2+85N/0+45E	120.0	0.1/5.3	14.3	57.6	6.8	Boundary

7.0 GEOCHEMICAL SURVEYS

Cut grid lines were systematically soil sampled at 25 to 50 meter intervals and sent to MIN-EN laboratories for 7 element I.C.P. analyses (Ag, Au, As, Cu, Mo, Pb, Zn). Soil samples were collected from the 'B' horizon where ever possible; the -70 mesh silt fraction was digested and treated by standard rapid geochemical methods and the results are listed in Appendix 12.2. Copper and gold values from soils collected from the Boundary grid are plotted in Figures 8a and b respectively whereas those from the Slide grid in Figures 9a and b. Copper and gold values from rocks collected within these grid areas are also plotted on these figures. Sample locations of those collected beyond the grid areas are plotted on Figure 5 and values are given in the Appendix 12.2.

Soil horizons appear to be relatively well developed over the Boundary Grid with a greyish zone of eluviation overlying a rust zone of accumulation giving way to a rocky regolith. However, most soil samples are an admixture of both 'A' and 'B ' horizons

depending upon the ease with which the sampler could dig down through a rocky mantle of soil. Soil values are taken to be reliable indicators of bedrock mineralization given allowances for downslope dispersion and sample contamination.

The Boundary copper deposit is overlain by an in situ copper and silver soil anomaly, marked as (A) on Figure 8a, which is greatly amplified by a downslope dispersion apron. Results from drill holes 74-13, 15 and 18 suggest that the dispersion apron is underlain by weakly mineralized bedrock.

Copper anomaly (B), immediately south of (A), probably originates from near surface copper mineralization associated with the contact zone between Units 2 and 4 close to 1+00S and 2+00W. Anomaly (C) occurs along the observed surface trace of the 'Creek' zone, an area of disseminated chalcopyrite mineralization observed largely in talus. Anomaly (D) is a large area, situated near the southwest corner of the grid, and probably reflects low grade copper mineralization associated with a contact zone between Units 2 and 4 observed at 14+00S and 2+50W. The size of the anomaly is deceptive due to downslope colluvial dispersion. A smaller anomaly (E) is associated with rusty scree slopes of schistose syenite and mesosyenite. Anomaly (F) is situated along a prominent northwest trending lineament; whereas anomaly (G) is a small dispersion apron derived from a weakly mineralized septum of schistose syenites enveloped by leucosyenite.

Several smaller spot copper anomalies are located elsewhere on the grid in areas of extensive overburden and cannot be readily explained but in view of their small size and magnitude they are not considered to be significant. Gold soil values are generally spotty and rather low. Values above 20 ppb are considered anomalous; about 4 times background. The highest gold values are found within copper anomalies (C) and (D) with an outstanding spot gold anomaly of 2,900 ppb occurring at 12+00S and 1+00W the source of which is presently unknown.

Several copper soil anomalies also occur on the Slide Grid (Figure 9a); the largest of which (A) is situated along the lower avalanche slopes. The focal point of the anomalies seems to be near DDH 74-3 which however, encountered only weakly mineralized syenites. Higher copper values below this hole may be due to organic adsorption since the soil there tends to be boggy (humus-rich). Anomaly (B) is associated with the main 'Slide' showing near 5+75N and 0+50E, which is underlain by variably mineralized Takla metasediments carrying disseminated chalcopyrite. A similar anomaly (C) occurs to the west where copper mineralization was also observed in scree and talus. Anomaly (D), situated near 4+00S and 1+50E could be due to mineralization associated with an intrusive contact zone between Units 3 and 4. Similarly leucosyenite dykes cutting mesosyenite near 1+00S and 1+00E may be responsible for anomaly (E). Anomaly (F) is no doubt derived from downslope dispersion of isolated copper mineralization observed along a ridge

to the north of 9+00N and 0+50W. Although other spot copper anomalies occur on the slide grid these are not thought to be significant exploration targets. Again gold soil values are low throughout the grid (Figure 9b) with the possible exception of spot anomalies at 3+00S and 2+00W, 5+00S and 3+50W which are perhaps also due to organic adsorption.

A total of 165 core samples (#21501 to 21665) taken from old UMEX core, stored in Vancouver, were collected in late July and assayed for copper and gold, in accordance with Chapman's (1990) recommendations. Assay values for samples 21501 to 21665 are listed in Appendix 12.2 and sample intervals are stated on revised drill logs given in Appendix 12.1. Most samples were taken over 3 meter intervals and yielded modest gold values. An additional 93, eight inch "character", samples were collected from previously unassayed core stored on the property. These were taken from DDH's 73-3 and 4, 74-13, 14, 15 and 16. Results for these samples (49001 to 49012 and 49017 to 49093) are listed in Appendix 12.2 and sample locations are given in drill logs.

Some systematic rock chip sampling was also undertaken in selected areas to establish the tenor of bedrock copper mineralization in the vicinity of soil anomalies. Rock samples 21666 to 21681 represent thin, discontinuous, drusy quartz veinlets carrying disseminated bornite, chalcopyrite and galena collected from mesosyenites underlying the Tam 90 numbers 5, 8, 9, 10 and 11 claims. Samples 21689-91 represent small scattered occurrences of disseminated chalcopyrite associated with a small plug of quartz monzonite cutting mesosyenite on the Tam 90-5 claim. Samples 21695 and 6 represent selected grabs from the "Ridge" showing and sample 49101 a selected chip sample from the "Midway" showing.

A total of 39 rock samples were collected from the "Creek" showing (#21682, 83, 95-21702; #14923-37; #49161-49171 and 49214-21) suggesting that it represents a widespread but erratically mineralized area (0.1 to 1.4% Cu).

Some 34 rock chip samples were collected from the ridge bordering the southern end of the Boundary grid (#49095-49100; #49123-49145 and #21684-88) but, these did not yield any significant copper or gold values. Samples 21684-88 were collected from large quartz veins. As it stands at present, the source of the copper soil anomaly (D) in this area is unaccounted for. Some 40 rock samples were collected from the 'Slide' grid area (#21692-94, 21703, 49013-16, 49020-22, 49146-60, 49251-58 and 49201-49213, see Figure 5). Samples collected from malachite stained or veined mesosyenites yielded modest copper and gold values (#49201-13 and 49251-58) however those collected from Unit 2 foliates were better mineralized (#49013, 14, 16, 20, 21, 22, 157, 158 and 159; 21692, 93, 94 and 21703). In particular, #21692 a 10 meter random chip from the Slide trench yielded 1.3% Copper whereas samples #49153, 54, 58 and 59 yielded 7200, 1540, 4430 and 9600 ppm copper from random chips over sparsely disseminated chalcopyrite in gneissic syenites northwest of the grid area. Samples #49120, 21 and 22

represent well mineralized gneissic syenite float yielding 9000, 6250 and 8800 ppm copper respectively, which no doubt represents the tenor of mineralized bedrock underlying soil geochemistry and I.P. anomalies upslope.

8.0 GEOPHYSICAL SURVEYS

Induced polarization, magnetometer and VLF-EM surveys were carried out by Scott Geophysics Ltd. A description of the techniques and equipment used is given in a report by A. Scott (see Appendix 4). These geophysical data are plotted in Figures 10 to 14 and discussed below.

The Boundary grid is a relatively featureless magnetic landscape with the exception of:

1) a 2500 gamma magnetic dipole at L1N 000-250W, possibly reflecting a west-trending, south-dipping, faulted western margin of the Boundary deposit;

2) a 1000 gamma magnetic high at L5S 000, possibly reflecting a potassic core? to the Midway zone;

3) a 2000 gamma magnetic dipole at L12S-000, possibly reflecting a faulted eastern margin of the Sam prospect.

A north trending high situated at the east end of the grid is probably due to underlying syenodiorites (Unit 1). This magnetic high is offset by west trending breaks, perhaps due to faulting. Magnetic features do not correlate clearly with areas of copper mineralization nor to bedrock lithology.

The Slide grid (Figure 10b) is punctuated by four conspicuous magnetic highs centred on 4+00N/1+75E, 4+00N/2+25W, 2+00S/1+25E and 1+00S/1+50W. These areas are covered in colluvium and it is thus difficult to identify their bedrock source. In general, those areas underlain by mesosyenite are more magnetic than those underlain by leucosyenite and Unit 2 foliates. The geological contact between Units 2 and 4 in Figure 7 is largely drawn on this premise. Magnetic highs (>60,000 gammas) also appear to coincide with high bedrock chargeability. Magnetic lows (<58,000 gammas) occur along the southern grid in areas of leucosyenite and glacial drift.

Several west to northwest trending VLF-EM conductors transect the Boundary grid (Figure 11a) and some occur near the Boundary, Midway and Ridge copper showings. A fairly strong conductor (A) at 10+00S and 4+50E is coincident with a gaping chasm perhaps indicating the presence of a fault zone. A moderate conductor (B) near 14+00S and 2+50W is probably due to a faulted contact between Units 2 and 4. The moderate conductor (C) between 1+00S and 4+00W and 4+00S and 2+50W broadly coincides with the Creek zone and perhaps represents a resistivity contrast between these units. A similar explanation might also be made for the rather weak conductor (D) whereas conductor (E) appears to coincide with faults which truncate the

Boundary deposit. The strong conductor (F) is largely coincident with a north trending lineament (fault?) and conductor (G) is underlain by a rusty scree slope also thought to represent a fault scarp. Al Scott (personal communication) has suggested that those conductors cutting through high chargeability zones might represent mineralized fracture systems.

Several VLF-EM conductors are apparent on the Slide grid (Figure 12a) but due to the incomplete nature of the survey and the lack of geological control it is difficult to assess their significance. The present induced polarization survey has essentially reconfirmed those anomalies detected by UMEX using a dipole - dipole survey (Burgoyne and Pauwels, 1974). Chargeability anomalies, based on first separation readings (Figure 13a) clearly delimit the Boundary copper deposit and the broader but weaker Midway prospect. Twenty-five meter station separations is best for anomaly definition in view of the limited size of mineralized areas on this property. I.P. pseudosections are illustrated in Figure 17 (attached). Both the Boundary and Midway anomalies have been drill tested and chargeability is due to fracture controlled and disseminated chalcopyrite. However, in view of the presence of disseminated chalcopyrite throughout the Creek zone it is somewhat puzzling that it does not show a distinct chargeability anomaly with perhaps the possible exception of a small anomaly located at 3+00S and 5+25W. This observation perhaps lends further verification to the idea advanced by Barr et al (1975) that alkaline porphyry deposits do not generally have a clear I.P. signature. Modest west-trending chargeability lows lend credence to the interpretation of west-trending faults offsetting northwest-trending stratigraphy.

By comparison the distribution of resistivity values (Figure 13b) indicate that the Boundary and Midway showings are underlain by rocks with high resistivity. In the case of the Boundary deposit a central resistivity low is surrounded by a resistivity high. Since high resistivity indicates poor ionic conduction or absence of pore fluid a decrease in resistivity might perhaps indicate increased porosity due to more intense fracturing of igneous bedrock. Again no clear relationship between resistivity and copper mineralization is apparent on the Boundary grid. Modest, west-trending resistivity lows support the interpretation of west-trending faults.

Several distinct chargeability anomalies have however been delineated on the Slide grid (Figure 14) and these were observed to be proximal to copper mineralization. A strong anomaly near 4+00N and 1+75E is underlain by avalanche debris but the bedrock under this area is most likely an intrusive contact between Units 2 and 3 impregnated with sulphides and/or magnetite. A similar west trending anomaly is situated southwest of the base line and pseudosections suggest that these two anomalies probably coalesce at depth beneath lines 4+00N and 0+25E and B.L. at 3+00N. In fact chargeability appears to increase with depth. Another strong chargeability anomaly centred on 1+00S and 2+25W, is immediately upslope from a 1000 ppm copper soil anomaly. The presence of

strongly mineralized gneissic syenite float in the vicinity of these anomalies make it very likely that these chargeabilities are due to the presence of disseminated chalcopyrite.

A moderate, north trending anomaly straddles the base line at 0+00 and 1+00S near DDH 75-17. This area is covered by glacial drift but the above drill hole indicates foliates are cut by syenitic intrusions. The core from DDH 75-17 is unavailable for assay but UMEX logs indicate it was largely unmineralized hence the cause of the anomaly is uncertain. A conspicuous west trending anomaly centred on 6+00S and 2+50W, 5+00S and 3+00W and 4+00S and 3+25W broadly coincides with a break in slope below a prominent scarp believed to represent a fault plane. However DDH 75-16 was terminated in unmineralized foliates and it is still possible this anomaly might be due to sulphides since the hole did not go far enough to test the anomaly. Finally, in the case of the Slide survey, resistivity lows broadly coincide with chargeability highs.

9.0 INTERPRETATION

Generalized geological, geochemical and geophysical data from the Boundary grid have been plotted in Figure 15 for comparative purposes. In the writers view late stage feldspathic magmatic differentiates (Unit 4) intrude older intrusive phases (Units 2 and 3) of the Duckling Creek complex. Unit 2 monzonites and syenites represent protoclastic border facies or chill zones of the complex which are locally impregnated with primary hypogene disseminations of chalcopyrite. Subsequent intrusion of Unit 3 mesosyenite, and particularly Unit 4 leucosyenite, introduced secondary, hydrothermal fracture controlled chalcopyrite +/- pyrite +/- magnetite accompanied by secondary k-feldspar, biotite and later quartz fissure fillings. The boundary, Midway, Creek, Ridge, Sam, Cirque and Fault copper showings are adjacent to and associated with a central leucosyenite plug and its derivative dykes.

Mineralized rocks tend to be overlain by soils anomalous in copper and silver. Gold values are weakly correlative with copper. Boundary and Midway copper showings are characterized by lower gold values than those found in the Sam prospect near the southern ridge area and this is probably due to vertical zoning where higher gold values have been concentrated into hydrothermally altered (argillic) holofeldspathic syenite dykes and drusy milky quartz veins. Normal faulting has truncated the Boundary deposit which is largely preserved in a down faulted block. Copper mineralization along the Creek zone is controlled by the leucosyenite - foliate contact zone. Mineralized areas do not have unequivocal electromagnetic or magnetic signatures. VLF-EM conductors are probably due to conductive fault gouge or resistivity contrasts between foliates and younger intrusives.

Similar data for the Slide grid are shown in Figure 16. The Slide grid is probably underlain by a Takla roof pendant which also incorporates early protoclastic foliates of the Duckling Creek complex which has been invaded by mesosyenite to the north and east and by later leucosyenite to the south and west. The roof pendant

probably thins southward or is truncated at depth by subsequent intrusions. The pendant is locally mineralized by disseminated chalcopyrite perhaps by impregnation and replacement from mineralized hydrothermal fluids emanating from syenitic magmas. Mineralized gneissic syenite float and a marginal I.P. anomaly rimming the roof pendant suggests that the pendant is probably well mineralized along its outer intrusive margins. High chargeability and low resistivity anomalies tend to be associated with magnetic highs indicating that magnetite and/or pyrrhotite may be associated with copper soil anomalies downslope or overlying these I.P. anomalies.

10.0 CONCLUSIONS

The preliminary surface exploration program carried out on the Tam property by Varitech Resources Ltd. in 1990 was successful in outlining several mineralized copper-gold porphyry zones. Not only were Umex's old Boundary, Slide, Midway and Ridge zones redefined in greater detail, the discovery of the new Creek and Sam prospects plus many other smaller showings and anomalies suggests that the Tam property has significant porphyry copper-gold potential.

The abundant mineralization, favourable geology, large geochemical anomalies, and partly coincident geophysical anomalies all support the need for further work. The most significant features that enhance the exploration and mining potential of the Tam property are as follows:

1) The Tam property is well located for exploration and mining, situated approximately 200 kilometers from both Fort St. James and Smithers and 150 kilometers northwest of Mt. Milligan in the Omineca Mining Division, north-central British Columbia. Road access is available along the Osilinka River to within 12 kilometers east of the claims. Findlay Forest Products have proposed a spur road along the north side of Haha Creek for 1991, with some clear cutting to occur on the Tam claims south of Haha Creek.

2) The Omineca Belt was initially explored for porphyry copper-gold deposits in the 1960's and 1970's, when Umex's Boundary deposit and the nearby Lorraine deposit of Kennecott Copper were discovered. In the last two years, the belt has seen a renewed level of exploration activity due largely to the success of Continental Gold in outlining a large, low grade, copper-gold porphyry deposit at Mt. Milligan, which dramatically improved the risk/reward ratio for porphyry exploration in the Omineca camp.

3) Tam property is largely underlain by the Duckling Creek Complex of the Triassic Hogem Batholith. These syenitic intrusive rocks are favourable for alkaline porphyry deposits on a regional basis, as shown by the many copper showings in Duckling Creek rocks. On the Tam claims, the late stage leucosyenites appear to be the most favourable mineralizing source rocks and the early stage, foliated syenites (digested roof pendants of Takla Group volcanics) appear to be the most prolific mineralized host rocks. The mineralized

zones tend to be contact - or fault - related disseminations and fracture fillings of chalcopyrite, K-spar and biotite with lesser bornite, chalcocite, malachite, azurite, magnetite, quartz, sericite and chlorite. As such, they belong to the potassic assemblage of porphyry alteration, with much lesser amounts of phyllic and argillic alteration and no propylitic assemblage. These deposits tend to be smaller, higher grade endo-porphyries compared to the larger, lower grade exo-porphyries at Mt. Milligan, and they have more modest geophysical and geochemical signatures.

4) Of the many geochemical copper-gold soil anomalies on the property, the most important are the Sam (BD), Creek (BC), Lower Slide (SA) and Upper Slide (SB) prospects. Each of them occupy a surface area exceeding 50,000 square meters, with copper high's up to ore grades (0.2% Copper or higher) and sporadic gold values up to ore grades (0.01 oz/ton gold or higher). The best gold values occur in the Sam prospect, coincident with anomalous lead and molybdenum values, overlying leucosyenites rather than foliates, containing abundant quartz veinlets in bedrock and float.

5) Several geophysical techniques are useful in detecting buried mineralization in alkali porphyry systems but there is no rule of thumb as to which technique is the best. Induced polarization and resistivity surveys display anomalies of up to five times background in the Boundary, Midway and Slide zones, but give poor responses of less than two times background in the Creek Ridge and Sam prospects. Magnetic surveys show a moderate association of up to 2500 gamma highs with the Boundary, Slide and Midway zones, but they show little relationship with the Creek, Ridge and Sam prospects. VLF-EM anomalies tend to trace faults and have only an indirect relationship to any mineralization related to faulting. The lack of a strong IP anomaly in a mineralized alkali endo-porphyry zone is not negative because these systems tend to be low sulphide, lacking the pyrite halo typical of other exo-porphyry systems.

11.0 RECOMMENDATIONS

Several mineralized zones on the Tam property require further work, the most important of which are the Sam, Creek, Lower Slide and Upper Slide. Other zones of lesser priority that should be explored further include the Boundary and Midway prospects, as well as the many anomalous rocks found north of Haha Creek.

A program of road building, backhoe trenching, diamond drilling and reverse circulation drilling is proposed to further test the top priority zones. More reconnaissance prospecting, mapping, (including the assaying of old Umex samples for gold) and sampling are recommended to follow up on the anomalous rocks and to explore other areas of the claim group.

1) A two phase $ 308,467.00 work program is recommended to test the porphyry copper-gold potential of the Tam property. Phase 3 (continuing from the first two phases of work last year) calls for

$ 143,797.00 to be spent from June to August. Phase 4 (which can overlap with Phase 3) will require $ 163,570.00 in expenditures from July to October.

2) Phase 3 consists of co-operating with Findlay Forest Products on pushing a spur road along Haha Creek in May-June; building roads as far up the Slide grid as possible for trenching and drilling, and accessing the Boundary grid for trenching and drilling if possible; trenching of the Boundary, Creek, Midway Sam, Lower Slide and Upper Slide prospects; assaying of old Umex rock, silt and soil samples for gold and for trace metals; prospecting to follow-up on anomalous samples and explore the property on a reconnaissance basis; and mapping and sampling to further define reconnaissance anomalies.

3) Phase 4 is comprised of 5000 feet of drilling in about 12 holes, RCH where road access is possible and DDH elsewhere, to test the Creek, Sam, Lower Slide and Upper Slide prospects; a formal budget, more detailed trenching, drilling and prospecting locations will be prepared prior to commencing Phase 3.

Phase 3 - Expenditure Estimate

Program: Property access road building; grid access road building; backhoe trenching on the Boundary, Creek, Midway, Sam, Lower Slide and Upper Slide prospects; reanalysing old Umex sample rejects (pulps) for gold; reconnaissance prospecting, mapping and sampling.

Personnel:	
Project Manager/Senior Geologist:	
35 days x $350/day	$ 12,250.00
Field Assistants/Samplers:	
2 men x 35 days x $200/man/day	14,000.00
Cook: 35 days x $200/day	7,000.00
Prospector/Junior Geologist: 35 days x $275/day	9,625.00
Supervision: 5 days x $350/day	1,750.00
Road Building: (Assuming cost sharing with Findlay Forest Products; estimate only)	15,000.00
Backhoe: (Including operator and fuel) $100/hr x 250 hrs + mobilization & demobilization	28,000.00
Analyses: 500 samples x $15/sample	7,500.00
Camp & Equipment Costs: (Camp, generator, etc.)	8,000.00
Vehicle Rental: 35 days x $60/day + fuel	2,500.00
Communication:	1,000.00
Transportation: (airfares, expenses, mobilization & demobilization, etc.)	6,000.00
Expediting:	4,000.00
Helicopter: 6 hrs x $650/hr	3,900.00

Food: 35 days x 6 men x $20/day/man	4,200.00
Fuel:	1,000.00
Report Preparation and Drafting:	5,000.00
Sub Total	130,725.00
10% Contingency	13,072.00
Total Estimated Expenditures	$143,797.00

Phase 4 - Expenditure Estimate

Program: 5,000 foot (1524 m) drilling program to utilize reverse circulation drilling if road access is available and diamond drilling if helicopter support is required (estimate is based on road access availability).

Personnel:	
Sr. Geologist/Project Manager: 40 days x $350/day	$ 14,000.00
Sampler: 30 days x $200/day	6,000.00
Cook: 30 days x $200/day	6,000.00
Supervision: 10 days x $350/day	3,500.00
Camp Equipment Costs:	7,000.00
Vehicle Rental & Fuel:	2,500.00
Communication:	1,000.00
Expediting:	3,500.00
Transportation: (Mobilization & Demobilization, Airfares, expenses, etc.)	6,000.00
Fuel:	1,000.00
Food: 7 men x 30 days x $20/man/day	4,200.00
Drilling: 5,000 ft. x $14/ft.	70,000.00
Drill Site Preparation and Trenching: 100 hrs x $100/hr	10,000.00
Analyses: 600 samples x $15/sample	9,000.00
Report Preparation & Drafting:	5,000.00
Sub Total	148,700.00
10% Contingency	14,870.00
Total Estimated Expenditures	$163,570.00

(Note: diamond drilling utilizing helicopter support could add $60,000 to $70,000 to the Phase 4 estimate).

Total estimated expenditures: Phase 3 and Phase 4: $307,367.00

APPENDIX 1

REFERENCES CITED

Appendix 1

REFERENCES CITED

Barr, D., Fox, P., Northcote, K., and Preto, V. (1976): The Alkaline Suite Porphyry Deposits, CIM Special Vol. 15, pp 359-367.

Burgoyne, A. and Pauwels, A. (1974): Summary Report 1974 Exploration Program, UMEX Ltd., 8p.

Chapman, J. (1990): Summary Report on the TAM Project, Orequest Consultants Ltd., 20p.

Dyson, C. (1974): Report on a Preliminary Feasibility and Financial Analyses of the Boundary Deposit, Tam Property, B.C., UMEX, 7p.

Garnett, J. (1972): Preliminary Geological Map of Part of the Hogem Batholith, Duckling Creek Area, B.C. Department of Mines and Petrographic Resources, Map #9.

_____ (1973): Lorraine, B.C. Department of Mines and Petroleum Resources, GEM, pp 370-378.

_____ (1978): Geology and Mineral Occurrences of the Southern Hogem Batholith, B.C. Department of Mines and Petroleum Resources, Bull 70, 75P.

Pauwels, A. and Burgoyne, A. (1975): Assessment Report on Drilling and Mapping, UMEX, 4p.

_____ (1976): Summary Report, UMEX, 6p.

Peto, P. (1971): Report on Hogem Batholith, Amoco, company files, 98p.

APPENDIX 2

ITEMIZED COST STATEMENT

Appendix 2

Itemized Cost Statement

Professional Fees:		
J. W. Morton	4 days @ $350/day	$ 1,400.00
G. L. Garratt	7 days @ $350/day	2,450.00
A. Buskas	3 days @ $300/day	900.00
Field Personnel Fees:		
J. Campbell	29 days @ $200/day	5,800.00
A. Fahlman	48.5 days @ $200/day	9,700.00
N. Coopey	48 days @ $200/day	9,600.00
K. Harris	35 days @ $200/day	7,000.00
J. McConville	13 days @ $200/day	2,600.00
I. Hayton	13 days @ $200/day	2,600.00
W. Kahlert	45 days @ $200/day	9,000.00
D. Goudie	30 days @ $200/day	6,000.00
M. Vandenbeld	9 days @ $200/day	1,800.00
Camp Equipment & Rental:	48 days @ $250/day	12,000.00
Truck Rental:	5 days @ $60/day	300.00
Core Splitter Rental:	1 week @ $26.5/wk	26.50
Transportation:		
Fixed Wing - Charter		11,053.50
Helicopter - 63.2 hrs @ $649.28/hr		41,034.32
Scheduled Flights		9,747.15
Bus		17.50
Travel Expenses:		1,924.02
Fuel:		1,691.44
Field Equipment:		6,256.20
Sub Contractor:		
Geological	P. Peto - 68.5 days @ $300/day	20,550.00
	D. Hammer - 30 days @ $225/day	6,750.00
	J. McDonald - 4 days @ $200/day	800.00
	E. McCrossan - 8.5 days @ $200/day	1,700.00
Expediting	6 days @ $140/day	840.00
Geophysical		28,079.38
Analyses:		
Assay	342 samples @ $15.18/sample	5,190.25
Geochemical	1,028 samples @ $9.86/sample	10,141.00
Communication:	Telephone	125.74
	Radio Rental	50.00
	Courier/Fax	69.84
Freight:		1,915.75
Reproduction:	Maps	361.69
Secretarial:		100.00
Drafting:		394.82
Food:		6,433.74
Miscellaneous		4,139.46
TOTAL		$230,542.30

APPENDIX 3

AUTHOR'S CERTIFICATE

Appendix 3

AUTHOR'S CERTIFICATE

I, Peter S. Peto, of 125 Bassett Street, Penticton, British Columbia, hereby certify that:

I have obtained B.Sc. and M.Sc. degrees in geology from the University of Alberta in 1968 and 1970 respectively and that I obtained a Ph.D. in geology from the University of Manchester in 1975.

I am a practising mineral exploration geologist with relevant experience within the mining industry of British Columbia since 1969.

I am a Fellow of the Geological Association of Canada.

The information contained in this report was obtained in the course of exploration survey carried out on the TAM property between July 26, 1990 and October 9, 1990, under my personal supervision.

I have no interest, direct or indirect, in the securities of Varitech Resources Ltd. or those of Major General Resources Ltd.

I consent to and authorize the use of the TAM project report or of contents therein as a Statement of Material Facts or in any other public document.

Peter Peto

Peter S. Peto, Ph.D., F.G.A.C.

Dated at Penticton, B.C. this 11 day of January, 1991.

APPENDIX 4

REVISED CORE LOGS

APPENDIX 12.1

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

				DIP TEST					
				Footage	Corrected	Footage	Corrected	Footage	Corrected
PROPERTY: TAM	LATITUDE:	STARTED:							
HOLE NO.: 72-1	DEPARTURE:	FINISHED: 16 Aug 1972							
BEARING: 130°	ELEVATION:	LENGTH: 151.3m							
DIP COLLAR: -45°SE	SECTION: CIRQUE	LOGGED BY: P. Peto							

FOOTAGE From	FOOTAGE To	DESCRIPTION (meters) 18 Boxes BQ core	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Ag	Cu
0	11.0	overburden							
11.0	39.8	(4) highly fractured, oxidized syenite with fol monz (2)							
		screen from 24.2 to 23.8, bleached sericitic leuco							
		syenite & qtz vlts from 24.2 - 39.8.							
39.8	49.7	(3) grey/pink speckled mesocratic syenodiorite,	51519	42.8	46.6	3.8	67	2.6	0.326
		minor ep, bio fracs, mod. magnetic	51520	46.6	49.7	3.1	75	3.2	0.390
49.7	59.0	(3) fn to med gr, mod. mag., bio clots, Kspar vlts,	51521	49.7	52.2	2.5	56	3.3	0.318
		diss. ep.	51522	52.2	55.2	3.0	76	3.5	0.312
59.0	63.0	hybrid zone of (2)8(4), bleached, weak mag, No ep	51523	55.2	58.2	3.0	50	2.5	1730
63.0	67.5	(2) weakly magnetic, mafic clots							
67.5	72.0	(3) pink speckled blk, med gr, mod magnetic, Kspar vlts.							
72.0	80.2	(2) fol. monz. fol 90°s CA, Kspar vlts, mod. mag.							
80.2	82.0	(3) dk grey, massive, melanocratic (mafic) monzonite							
82.0	104.0	(3) grey/pink, med gr., massive syenite, few							
		Kspar vlts, bleached (altrd) from 82 - 83.9m							
104.0	105.5	(5) leucosyn. dyke.							
105.5	122	(3) grey, med. gr., syenite (interstitial mafics)							
122	124.5	fault zone, argillic gouge in (3)							
124.5	130.3	(1) grey, med. gr., strongly magnetic, fol. syndiorite							
		cut by few Kspar vlts, fol 90°∧CA							
130.3	131.8	(4) leucosyn. dyke							
131.8	137.5	(1) foliated mafic syenite							
137.5	138	(4) leucosyn dyke							
138	151.3	(1) med. gr. mod. magnetic, fol. syenodiorite							
		cut by leucosyn dykes (4) @ 141.8 - 143.3 & 143.5 -							
		145 m.							
	Note:	(1) = syenodiorite (3) = mesocratic syn. (4) = leucosyn. (2) = fol. fn gr. monzonite							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY:	LATITUDE:	STARTED:
HOLE NO.: 72 - 2	DEPARTURE:	FINISHED: 21 Aug 1972
BEARING: 130°	ELEVATION:	LENGTH: 145.5m
DIP COLLAR: -45°SE	SECTION: CIRQUE	LOGGED BY: P. Peto

DIP TEST					
Footage	Corrected	Footage	Corrected	Footage	Corrected

FOOTAGE From	FOOTAGE To	DESCRIPTION (m) 19 Boxes BQ core
0	9.4	overburden
9.4	36.0	(4) med. gr., rusty & bleached syenite, lim. coats, sericite altn, K-spar vlts, weakly magnetic
36	36.8	fractional contact to mod. magnetic monzodiorite
36.8	52.2	(1) dark, med. gr., fol. syenodiorite cut by leuco syn VNS, strongly magnetic, late white calc vlts
52.2	54.5	(1) dk green, highly mafic altered, ē diss pyrrhotite
54.5	58.2	(1) dk syenodiorite, chlorite slips, calc vlts.
58.2	58.5	(4) leucosyn dyke
58.5	73.0	(1) dk grey blotchy, med-c. gr., strongly magnetic syenodiorite cut by dykelets of 4&5 ē diss hematite
73.0	74.0	shear zone chlor slips, fol 45° ∧ C.A., calc coats.
74.0	92.5	(1) chloritic blotchy syenodiorite
92.5	93.3	fault zone, bleached "
93.3	108	(1) dark grey syenodiorite
108	109.5	(4) leucosyn dyke
109.5	112	(1) med. gr. grey syenodiorite
112	115.7	(4) leucosyn dyke
115.7	123	(1) fn to med gr., dk grey blotchy, mod mag.
123	135	(4) fn to med gr., rusty leucosyn dyke ē diss. hematite specks
135	145	(4) med to c. gr., grey/pink leucosyn cut by qtz + chl vlts.
	EOH.	
		Summary: barren magnetic syenodiorite cut by leucogranite/syenite dykes & vlts; faults at 73 & 93 m.

SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Cu	Ag
21524	9.4	12.4	3.0	140	107	0.7
21525	12.4	15.4	3.0	1	131	0.7
21526	15.4	18.4	3.0	5	223	0.7
21527	52.2	54.5	2.3	160	72	1.4
21528	54.5	57.0	2.5	2	43	0.8

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

				DIP TEST					
				Footage	Corrected	Footage	Corrected	Footage	Corrected
PROPERTY: TAM	LATITUDE:	STARTED:							
HOLE NO.: 72-3	DEPARTURE:	FINISHED: 17 Aug 1972							
BEARING: 90°	ELEVATION:	LENGTH: 146.8							
DIP COLLAR: -45°	SECTION: "Fault"	LOGGED BY: P. Peto							

FOOTAGE (m) From	To	DESCRIPTION 18 Boxes BQ CORE	SAMPLE NO.	FOOTAGE (M) From	To	Length	ASSAYS Au	Ag	Cu
0	10.7	overburden						0	
10.7	51.2	(4) Fractured, rusty, strongly argillic, non magnetic	21529	10.7	15.1	4.4	1	1.0	442
FAULT ZONE		leucosyenite ± chlorite slips, sauceo 19.5–	21530	15.1	18.6	3.5	2	0.8	226
		30.0m & hairengtz vn at 30.2m., ltte carbonate	21531	18.6	22.3	3.7	5	1.0	382
51.2	54.0	(4) pink, med. gr., leucosyn, diss hematite, argillic	21532	22.3	27.5	5.2	43	0.5	48
		core loss 53.7–56.8m	21533	27.5	32.3	4.8	120	0.8	67
54.0	85.0	(4) buise to pink, fn: Med gr. leucosyn, weakly	21534	32.3	36.0	3.7	350	1.6	56
		mdgnetic, cut by few qtz vlts	21535	36.0	40.1	4.1	40	0.7	32
85	88	(4) pink, med gr. leucosyn ± diss hematite specks	21536	40.1	43.6	3.5	-		-
88	91.5	(5) 10% mafics in leucosyn cut by white K-spar vlts							
91.5	-91.8	shear zone							
91.8	96.0	(3) grey med gr., strongly magnetic leucosyn dyke							
96	97	(1) grey fn gr. diorite inclusion							
97	98.5	(3) melocratic syenite, grey med gr.							
98.5	100	(1) grey, med gr. diorite porphyry inclusion							
100	107	(4) pink, med gr. weak to med. magnetic, bleached leucosyn.							
107	113	(4) as above, chlor slips, white K-spar vlts.	21537	108	110.7	2.7	205	1.0	52
113	116	(4) bleached leucosyn	21538	117.9	121.2	3.3	280	1.4	71
116	130	fault zone, non mag. argillic fractured leucosyn	21539	121.2	124.2	3.0	310	0.8	17
130	135.1	(4) bleached argillic leucosyn	21540	126.6	130.1	3.7	632	0.6	23
135.1	135.8	(2) gniessic monzonite inclusion	21541	139.2	141.4	2.2	2	0.8	814
135.8	137	(3) grey med gr. syenite							
137	140.6	(5) pink, foliated, fn gr. leucosyn dyke, diss limonite							
140.6	144.7	(3) grey, med gr. syenite							
144.7	146.8	(5) fn(?) gr. pink fol. leucosyn dyke(?)							
	EOH	Summary: Unmineralized hybrid intrusive zone consisting of melocratic syenite with							
		diorite / monzonite screens cut by med to fn gr. leucosyn dykes & late argillic							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

				DIP TEST					
				Footage	Corrected	Footage	Corrected	Footage	Corrected
PROPERTY: TAM	LATITUDE:	STARTED:							
HOLE NO.: 72-4	DEPARTURE:	FINISHED: 16 Aug 1972							
BEARING: 90°	ELEVATION:	LENGTH: 161.8 m							
DIP COLLAR: -45°	SECTION: "Fault"	LOGGED BY: P. Peto							

FOOTAGE From	FOOTAGE To (m)	DESCRIPTION — 21 Boxes BQ core	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS Au	Cu	Ag
0	8.8	overburden							
8.8	16.8	(4) fractured, oxidized, pink. c.gr. non mag. leucosyn, limonite coats, argillic alt'n							
16.8	21.3	(4) pink, med.gr., non mag. syenite cut by aplite VNS							
21.3	24.4	(2) grey, med gr., porphyritic monzonite; pink alt'n							
24.4	25.5	(2) fol gr. fol. monz., fol 60°CA, qtz vlts, streaky bio.							
25.5	28.1	(4&2) hybrid zone fol monz & med gr. syenite (contact)							
28.1	38.7	(3) pink & grey, c.gr. mesocratic syenite, diss py c 16.58 37.2m, occ. qtz vlt, interstitial mafic clots							
38.7	50.3	(3) pink/grey med gr. mesocratic syenite, minor sericite epidote, magnetite & pyrite, foliate monz screens, variably magnetic (2) monz. screen from 40.9 to 48.0	21505	40.9	43.9	3.0	20	78	0.7
			21506	43.9	46.9	3.0	32	585	0.9
			21507	46.9	48.8	1.9	18	11	0.5
50.3	61.5	(2) grey, fine gr. gniessic monzonite, weakly mag cut by med gr. leucosyn. dykes							
61.5	62.5	(5) leucosyn. dyke.							
62.5	75.0	(2) grey to pink, fn gr. gniessic monzonite, chlor. fracs, limonite coats, weak mag. occ qtz + carb + cp vlts to 5 mm, minor diss. cp, bio fracs							
75.0	80.0	(5) leucosyn dyke, pervasive sericite alt'n Box 11 missing							
80	84.2	(4) c.gr. grey/pink syenite sericite, bio, chl., traces diss cp & py, 3cm qtz + cp vlts 82.3m.							
84.2	91.5	(4) grey c.gr. weak mag. syenite							
91.5	96.4	(4) pink, c.gr. syenite, chlor slips, hematite fracs, diss sericite, rare qtz vlts, bio segregation							
96.4	99.3	(2) grey/pink fol. monz. weakly magnetic.							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE:	STARTED:	DIP TEST					
			Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.: 72-4	DEPARTURE:	FINISHED: 16 Aug 72						
BEARING: 90°	ELEVATION:	LENGTH: 161.8 m						
DIP COLLAR: -45°	SECTION:	LOGGED BY: P. Peto						

FOOTAGE From	FOOTAGE To	DESCRIPTION metres	SAMPLE NO. m	FOOTAGE (M) From	FOOTAGE (M) To	FOOTAGE (M) Length	ASSAYS Au	ASSAYS Cu	ASSAYS Ag
99.3	100.5	(4) f.c.gr. syenite, strong sericite, hematite frac's, fault	21508	99.5	102.5	3.0			
100.5	108.5	(4) pink, med.gr. syenite, dissem. sericite & py & some cp blebs, rare late carb vlts	21509	102.5	105.5	3.0		94	0.5
			21510	105.5	108.5	3.0		473	0.7
108.5	116.5	(4) grey-pink, med gr. syenite, limon. frac's							
116.5	121.2	(4) med. gr. syenite ± chlorite slips							
121.2	125	(4) grey c.gr. syenite							
125	131	(4) pink syenite, chlor. alt'd few thin stg vlts							
131	131.8	fault zone (4), bioclots, milky carb segregations							
131.8	137	(384) grey med.-c.gr. hybrid syenite, mafic segregations, minor stg vlts.							
137	141	(4) shear zone, crumbly pink syenite, chlor + argillic alt'n							
141	148.5	(4) fractured, rusty & argillic syenite, non-mag.							
148.5	152.5	as above							
152.5	158.8	(4) c.gr pink syenite, argillic alt'n, non magnetic.							
158.8	162.0	(4) c.gr. leucosyenite, non magnetic.							
		Summary: hole encountered f/gl. to gneissic monzonite @ 21.3-28.1 & 50.3-75.0 cut by leucosyenite dykes & enveloped by leuco to mesocratic syenite. Cut by faults at 131 & 137-141m., weak cp mineralization in leucosyenite @ 62.5-75.0 & 80-84.2.							
		No core photos							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

				DIP TEST					
				Footage	Corrected	Footage	Corrected	Footage	Corrected
PROPERTY: TAM	LATITUDE:	STARTED:							
HOLE NO.: 72-5	DEPARTURE:	FINISHED:							
BEARING: 90°	ELEVATION:	LENGTH: 153.11							
DIP COLLAR: -45°	SECTION: "Fault"	LOGGED BY: P. Peto							

FOOTAGE (metres) From	To	DESCRIPTION	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Cu	Ag
		19 Boxes (all split) BQ core							
0	8.5	overburden							
8.5	16.3	(2) grey, fm gr. fol monz., highly fractured, weak mag. oxidized to 10.5m, limonite. coats. diss Chalco from 13.5-14.4m, core loss 14.6-16.5m (fault) cut by leucosyn. dykes (5)							
16.3	20.0	(2) fresh grey fm. gr. monz							
20.0	41.0	(4) leucosyenite dyke							
41.0	46.5	(2) grey v.fm.gr. fol monzonite, diss cp, mod magnetic, few qtz vlts.	21511	41	44	3.0	120	0.77	4.0
			21512	44	47.4	3.4	290	0.84	4.9
46.5	58.0	(5) pink, fm. gr. syenite cut by c.gr. leucosyn. dykes, non mag. chlorite slips, few speck cp	21513	47.4	50.6	3.2	124	2310	1.6
			21514	50.6	54.6	4.0	32	2600	1.7
58.0	69.2	(3) pink/speckled blk, c.gr. mesocratic syenite mod. magnetic, rare qtz vlts, interstitial mafics							
69.2	74.1	(4) med. gr. leucosyn., sericite alt'n, diss & fracture mod. magnetic	21515	69.2	71.8	2.6	80	0.348	2.8
			21516	71.8	74.8	2.4	960	0.421	6.8
74.1	77.1	(3) med. gr., mesocratic syenite, post mineral carb vlts.							
77.1	81.5	(4) med gr. pink/grey syenite, weak mag., few qtz vlts.							
81.5	87.7	(4) as above hematite slips							
87.7	101.5	(4) pink med. gr. leucosyn. mod. mag., cut by few qtz + cp vlts, py + cp + qtz vein (7cm) @ 90.6m							
93.5	97.8	(5) fm gr. foliated syenite with strong sericite alt'n	21517	94.8	97.8	3.0	37	28	0.7
101.5	116.5	(4) grey/pink med gr. leucosyn. mod mag. few qtz vlts							
107.8	108.3	(5) sericite rich leucosyn dyke.							
116.5	117.0	Fault zone, chlorite slips.							
117	121	(4) grey l.gr., leucosyn., non mag., limonite @ 117.7							
121	122	(1) dark grey, med gr. monzodiorite							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE:	STARTED:	DIP TEST					
			Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.: 72-5	DEPARTURE:	FINISHED:						
BEARING: 90	ELEVATION:	LENGTH: 153.11m						
DIP COLLAR: -45°	SECTION:	LOGGED BY: P. Peto						

FOOTAGE From	FOOTAGE To	meters DESCRIPTION	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS Au
122	133	(4) pink/grey, fn gr. leucosyenite, bleached altn, few qtz vlts.					
133	141.5	(4) as above					
141.5	153.1	(1) grey med. gr. moderately magnetic, 30% mafic monzodiorite.					

Summary: hole cuts fn.gr. foliated monzonite & minor syenite from 8.5 – 58 m with supergene Cu at 8.5 – 11.5m & diss. cp from 32.9 – 54.2 m., intruded by underlying leuco-3 mesocratic syenites with qtz vlts & sericite altn locally. weak diss. cp. v.fn. gr. in leuco syn from 66.5 to 75.6 m., Fault zone cut leucosyn from 117 ± argillic altn. Bottom of hole 121 – 153. Encounters monzodiorite cut by leucosyn.

LEGEND: Rock units

5 = fn gr. sericitic syenite (aplitic)
4 = leucocratic med. gr. gr. syenite
3 = mesocratic syenite
2 = foliated syenite/monzonite
1 = monzodiorite

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

				DIP TEST					
PROPERTY: TAM (HAM45)	LATITUDE: 59S	STARTED: 2 Aug 73		Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.: 73-1	DEPARTURE: 59+90E	FINISHED: ? Aug 73							
BEARING:	ELEVATION:	LENGTH: 60.5m							
DIP COLLAR: -90°	SECTION: Boundary	LOGGED BY: P. Peto							

FOOTAGE From	FOOTAGE To	METERS	DESCRIPTION	SAMPLE NO.	FOOTAGE (M) From	FOOTAGE (M) To	FOOTAGE (M) Length	ASSAYS Au	ASSAYS Cu	ASSAYS Ag
0	2.13		overburden							
2.13	9.0	.9	(2) greyish pink fn gr. fol. monzonite, cp blebs, diss py, weakly magnetic, Fol 70° ∧ C.A., Kspar + cp vlts.	21502	2.3	5.3	3.0	62	3.12	2.1
				21503	5.3	9.1	3.8	40	1.795	9.3
				21504	9.1	11.4	2.3	57	0.448	3.0
9.0	9.15	.15	Kspar + cp vein							
9.15	12.8	.65	(2) fol. monzonite, cp blebs, bio + cp frac's, pink Kspar vlts, mod. magnetic.							
12.8	16.5	1.7	(4) pink, fn gr. leucosyn. dyke, sericite altn, diss cp & bio + cp frac's, post mineral carb vlts.							
16.5	17.4	0.9	(2) gneissic monz ± diss. cp blebs, py, weak mag.							
17.4	22.0	4.6	fol monz, mod. mag. bio frac's, minor cp.							
22	38.4	16.4	(3) pink c. gr. mafic syenite cut by leucosyn dykes & late Kspar + cp vlts, fol monzonite screens ± cp							
38.4	47.0	8.6	(2) grey fn gr fol monzonite screens ± irrutic cp. cut by Kspar + cp vlts, weakly magnetic, cut by leucosyn vns., coarse Bio + cp segregation @ 43.6							
47.0	50.2	3.2	(4) pink leucosyn. dyke ± diss cp @ 48.5m							
50.2	56.3	6.1	(2) mod. magnetic fol. monz. sparce diss cp, bio fracs							
56.3	58.2	1.9	(4) med. gr. leucosyn dyke							
58.2	60.5	2.3	(2) weakly magnetic fol. monz, weak mineralization							
	EOH									
			XRT core (all core split in 8 Boxes)							
			Summary: fn gr. grey foliated monzonite cut by med gr. leucosyenite dykes, well mineralized to 11.6 m.							
			Unit 2 = 30.58m (50.5%) Unit 4 = 8.8m (14.5%)							
			Unit 3 = 16.4m (27.0%)							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

				DIP TEST					
PROPERTY: TAM (HAM 45)	LATITUDE: 585'	STARTED: ? Aug 1973		Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.: 73-2	DEPARTURE: 56E	FINISHED: 28 Aug 73							
BEARING: N 60° E	ELEVATION:	LENGTH: 14.9m							
DIP COLLAR: - 45° NE	SECTION: ~~BOUNDARY~~	LOGGED BY: P. Peto							

FOOTAGE From	FOOTAGE To	DESCRIPTION meters — split. XRT CORE	SAMPLE NO.	FOOTAGE (m) From	FOOTAGE (m) To	FOOTAGE (m) Length	ASSAYS Au	ASSAYS Cu	ASSAYS Ag
0	2	overburden	21501	7.8	11.75	3.7	40	0.303	3.8
2	5.8	(4) pink, c.gr., mafic monzonite/syenite, non magnetic							
5.8	14.9	(4) as above, dissem. cp, trace bn?, mafics altered to chlorite, cut by occasional milky qtz vlts, limonite stained fracs, some cp stringers/seams to 1mm.							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY:	TAM	LATITUDE:		STARTED:	5 June 74	DIP TEST					
						Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.:	74-3	DEPARTURE:		FINISHED:	18 June 74						
BEARING:	N25°E	ELEVATION:	3750'	LENGTH:	85.7						
DIP COLLAR:	-45E	SECTION:	HAHA CK	LOGGED BY:	P. Peto						

FOOTAGE m From	To	DESCRIPTION	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au (ppb)	Cu (ppm)
		stored @ MIDWAY CAMP AXT core						
0	8.8	overburden		(spot)		8.8		
8.8	12.2	(4) pink medium gr. sericitic leucosyenite	49083	12.2	m	3.4	4	60
12.2	38.7	(3) grey/pink, med-c.gr. mesocratic syenite	49084	19.8	m	26.5	3	10
		10-20% mafics, cut by leucosyn dykes	49085	24.4	m		5	40
		at 8.8-12.2, 13.7-14.2, 16.5 & 37.2-37.8 m.	49086	32.3	m		5	100
38.7	50.3	(4) pink/grey med. gr. leucosyenite, sericite	49087	39.6	m	11.6	4	50
		minor antagnetite & pyrite	49088	50.9	m		4	130
		argillic fault zone @ 43.9m.	49089	61.	6		5	140
50.3	77.5	(3) med.-c.gr. mesocratic syenite cut by	49090	68.	6	27.2	7	40
		leucosyn veins. Hematite & magnetite	49091	71.	6m		4	20
		fracture coats (magnetic)	49092	?			6	320
77.5	85.7	(4) med. gr. sericitic leucosyenite, minor	49093	91.5	m	8.2	5	130
		magnetite, dissem. py & few specs of cp.						
		Cut locally by drusy pyritic qtz vlts & sericitic						
		envelopes.						

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE:	STARTED: 20 June 74	DIP TEST: Footage / Corrected / Footage / Corrected / Footage / Corrected
HOLE NO.: 74-4	DEPARTURE:	FINISHED: 3 July 74	
BEARING: N 25° E	ELEVATION:	LENGTH: 91.5m	
DIP COLLAR: -45° E	SECTION: MIDWAY	LOGGED BY: P. Peto	

FOOTAGE (m) From	To	DESCRIPTION	SAMPLE NO.	FOOTAGE m. From	To	Length	ASSAYS Au (ppb)	Cu (ppm)
		stored @ Midway Camp — AXT core						
0	2.74	overburden	49076	8.5m		2.74	5	500
2.74	10.7	(4) rusty pink med. gr. leucosyenite	49077	16.8	m	8.0	4	120
10.7	13.7	(3) foliated mesocratic syenite	49078	22.9	m	3.0	6	70
13.7	14.6	argillic fault zone	49079	30.5	m	0.9	4	100
14.6	39.3	(3) mottled grey/pink c.gr. mesosyenite cut by few Kspar vlts, argillic 23.2 - 29.3.	49080	38.1	m	24.7	7	180
			49081	?	m	17.7	5	70
39.3	57.0	(4) pink, c. gr. leucosyen dyke, traces cp, mt & py from 49.4 - 50.6 m.	49082	?	m		5	60
						21.1		
57.0	78.1	(3) foliated grey mesocratic syenite cut by thin seams of Kspar, milky qtz veins & leucosyenite dykelets. weak dissem of cp & Mt 73.2 - 74.4 m.				1		
78.1	84.2	(4) c.gr. leucosyen, sericite altn, traces of cp & py between 78.1 - 81.5, qtz + cp vein @ 82.6 m				6.1		
84.2	91.5	(3) grey mesocratic syenite, chlorite slips & fol mbnz seseams, crumbly & argillic near bottom of interval. qtz + cp veins @ 86.38 87.8 m.				7.3		
		Summary: (4) = 37.9m (41%), (2) = 0 (3) = 32.3m (35.3%)						

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM		LATITUDE: ON		STARTED: 5 July 74	DIP TEST						
					Footage	Corrected	Footage	Corrected	Footage	Corrected	
HOLE NO.: 74-6		DEPARTURE: 3E		FINISHED: 10 July 74							
BEARING: N52°E		ELEVATION: 4500'		LENGTH: 208.2							
DIP COLLAR: -45°W		SECTION: "Boundary"		LOGGED BY: P. Peto							

	FOOTAGE From	FOOTAGE To	DESCRIPTION meters 30 Boxes BQcore (allsplit)	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Cu	Ag
	0	3.7	overburden							
45.8	3.7	45.8	(2) grey, fn.gr. fol. monzonite, limonite frac's, fel+qtz+py+cp vlts to 5mm, cp+biotite blots & seams, dissem. cp's cp seams to 3mm. Variably magnetic	21631	3.7	6.7	3.0	128	1.275	8
				32	6.7	9.8	3.1	170	1.715	9.6
				33	9.8	12.8	3.0	180	2.30	14
				34	12.8	15.8	3.0	173	2.39	13.1
5.6	45.8	51.4	(4) pink, med gr-c.gr. leucosyn dyke, non magnetic	21635	15.8	18.8	3.0	68	1.515	9.5
14.9	51.4	66.3	(2) grey/pink gneissic fol. monz, diss fn gr. pyrite (4) 62-66m leucosyn dyke.							7.3
6.3	66.3	72.6	(2) grey/pink gneissic fn gr. monzonite, diss py, minor cp, cut by few qtz+Kspar vlts, leucosyn dyke (4) 67-67.5m.	21636	18.8	21.8	3.0	70	1.11	5.3
2.4	72.6	75.0	(4) leucosyn dyke, few qtz vlts, sericite/chlor fracs. Fault (argillic altn) @ 74.8m.	21638	21.8	24.8	3.0	28	0.985	14.3
				39	24.8	27.8	3.0	237	2.79	12
18	75.0	93.0	(2) pink/grey, fn gr. gneissic to spotty, weakly magnetic monzonite, qtz±cp+py vlts & K-spar envelopes, diss cp blebs, thin cp+py fracs & cp+bio seams.	40	27.8	30.8	3.0	522	1.84	21.6
				41	30.8	33.9	3.1	239	1.83	5.4
				42	33.9	36.9	3.0	139	0.86	7.2
				43	36.9	39.9	3.0	272	1.20	4
12.0	93.0	105	as above, strong cp interval.	44	39.9	42.9	3.0	68	0.69	1.3
34.7	105	139.7	(2) grey/white, fn gr. monzonite, non mag thin Kspar fracs, cp+bio seams, cp splashes	45	42.9	45.9	3.0	40	0.30	0.3
				46	51.7	54.7	3.0	3	0.001	
5.0	112	117	FAULT ZONE (argillic) 135-139.7m	47	54.7	57.7	3.0	30	495	3.3
18.3	139.7	158.0	(2) pink, blotchy, fn.gr. monz/syenite	48	71.7	74.7	3.0	101	2300	2.0
			cut by med gr. leucosyn dyke 152-152.7 (4)	49	74.7	77.8	3.1	37	0.681	4.8
25.0	158	183	(2) as above, 170.2-178 fol. monzonite, chlor slips, diss pyrite, non magnetic	21650	77.8	80.8	3.0	166	0.653	4.0
				51	80.8	83.9	3.1	160	0.81	5.1
15.0	183	198	(2) grey/pink fol. monzonite, argillic at 183m	52	83.9	86.9	3.0	173	1.11	3.1
8.2	198	206.2	(4) pink med-c.gr., leucosyn. diss cp @ 180m	53	86.9	89.9	3.0	21	3150	2.0
			cut by qtz+Kspar+chlor(?)+py vlts non mag.	54	94	97	3.0	34	3950	1.1
			mafics altered to chlorite, minor dissem. pyrite	21655	97	100	3.0	83	0.60	3.1

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE:	STARTED:	DIP TEST					
			Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.: 74-6	DEPARTURE:	FINISHED:						
BEARING:	ELEVATION:	LENGTH:						
DIP COLLAR:	SECTION:	LOGGED BY:						

FOOTAGE From	FOOTAGE To	DESCRIPTION	SAMPLE NO.	FOOTAGE(m) From	To	Length	ASSAYS Au	Cu	Ag
		Summary: hole intersects grey/pink, foliated to banded or spotty monzonite variably mineralized c bp blebs, seams & fracture fills, milky qtz ± cp ± py v/ts, from 4.3 to 148 meters & cut throughout by leucosyenite dks & Kspar v/ts & major fault @ 112–117 m, hole terminates in unmineralized med.c gr. leucosyn.	21656	100	103	3.0	21	0.324	0.3
			21657	103	106	3.0	348	0.80	7.3
			21658	106	109.2	3.2	130	0.137	1.2
			21659	123	126	3.0	61	0.907	7.8
			21660	134	137	3.0	160	2.23	17.1
			21661	137	140	3.0	91	2.60	18
			21662	140	143	3.0	59	1.055	6.0
			21663	151	154	3.0	58	3150	2.6
			21664	154	157	3.0	89	5900	3.2
			21665	203.2	206.2	3.0	27	880	0.8
		Unit (2) 190 m 91.2% Unit 4 = 8.8%							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM (REH21)	LATITUDE: 2N	STARTED: 14 July 74	DIP TEST
HOLE NO.: 74-7	DEPARTURE: 3E	FINISHED: 17 July 74	
BEARING: N52°E	ELEVATION: 4410'	LENGTH: 206.7m	
DIP COLLAR: -45°W	SECTION: Boundary	LOGGED BY: P. Peto	

DIP TEST

Footage	Corrected	Footage	Corrected	Footage	Corrected

FOOTAGE From	FOOTAGE To	meters 29 Boxes DESCRIPTION BQ core (all split)	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Ag	Cu
0	4.3	overburden	21594	8.1	11.0	3.1	3		0.45
4.3	11.0	(2) pink, fn.gr. fol. monzonite, carrys disseminated cp, thin qtz ± cp ± py vlts, limonite coated, chlor	21595	11.0	14.6	3.6	215		0.37
			21596	14.6	17.6	3.0	27		0.30
11.0	19.5	(2) grey to pink, fol. monzonite, diss py + cp, weakly magnetic, a few thin qtz vlts	21597	28	31	3.0			1.155
			98	31	34	3.0			0.505
8.5	25.6	(2) as above, weakly magnetic, bio + cp fracs	99	34	37	3.0			0.780
6.1	32.0	(2) dk green / pink gneissic monzonite, diss py + cp, chloritic	21600	37	40	3.0			1.09
			01	40	43	3.0			0.43
6.4	32.3	(4) pink, c.gr. leucosyn. dyke, py + sericite	02	43	46	3.0			0.247
0.3	138.5	(2) grey pink fol. monzonite cut by leuco-syenite vlts, K spar + cp vlts, weak to non-mag. some cp + hematite frac. fills, cp blebs, milky qtz vlts	03	46	49	3.0			0.765
106.2			04	49	52	3.0			0.371
			05	52	55	3.0			0.332
4.0	142.5	(4) pink, med. gr., non mag., leucosyn dyke ± milky qtz + minor pyrite	06	55	58	3.0			0.513
			07	58	61	3.0			0.670
6.3	148.8	(2) grey / pink, streaky monzonite / syenite foliation 60° to C.A., cp fracs diss py & cp	08	61	64	3.0			0.463
			09	64	67	3.0			0.675
2.7	151.5	(4) pink fn-med gr. leucosyn dyke & foliated monzonite screens carrying diss cp, few thin qtz vlts.	21610	67	72.3	2.3			1850
			11	92.6	95.6	3.0			1900
25	176.5	(2) grey / pink, med-fn gr. fol. monzonite cut by aplite (5) VNS, diss & frac fill cp, weak mag.	12	95.6	98.6	3.0			1460
			13	121	124	3.0			0.335
1.7	178.2	(4) pink c.gr. leucosyn dyke, qtz + cp + py vlt	14	124	127	3.0			0.272
2.8	181.0	(3) pink c.gr. mesocratic syn, strong mag, qtz vlts	15	127	130	3.0			0.502
5.0	186.0	(3) as above cut by leucosyn dykes, some (2) cp.	16	130	133	3.0			1670
6.0	192.0	(3) strongly magnetic c.gr. meso-syenite, cut by (4) VNS	17	133	136	3.0			0.424
5.0	207.	(4) pink, med-c gr. sericitic leucosyn cut by grey qtz + chlor & qtz + py vlts.	18	136	139	3.0			0.780
			19	139	142.6	3.6			405
			21620	142.6	145.6	3.0			0.574

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE:	STARTED:	DIP TEST					
			Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.: 74-7	DEPARTURE:	FINISHED:						
BEARING:	ELEVATION:	LENGTH:						
DIP COLLAR:	SECTION:	LOGGED BY:						

FOOTAGE From	FOOTAGE To	DESCRIPTION	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Ag	Cu
		Summary: hole cuts dk grey to pinkish fine gr. foliated monzonite and syenite cut by leucogranite dykes. c. gr. mesocratic syenite (syenite is found from 178.2 – 192.0 m. Copper is found as dissem cp blebs, frac's & in qtz & Kspar vlts. cp>>py. potassic alteration – bio frac's & K'spar vlts,	21621	145.6	148.6	3.0			0.216
			22	155	158	3.0			0.59
			23	158	161	3.0			0.413
			24	161	164	3.0			0.621
			25	164	167	3.0			0.995
			26	167	170	3.0			0.905
			27	170	173	3.0			0.231
			28	173	176.5	3.5			1.78
4.3	176.5	m – Monzonite / Syenite ± copper mineralization	29	176.5	179.3	2.8			0.061
176.5	207 m	– leuco & mesocratic syenite, weak Cu mineralization	21630	203.9	206.9	3.0			
		Unit 2 = 169.5m 82%							
		" 3 = 13.8m 6.6%							
		" 4 = 11.4%							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE: 2N	STARTED: 21 July 74	DIP TEST		
HOLE NO.: 74-8	DEPARTURE: 3E	FINISHED: 22 July 74	Footage / Corrected	Footage / Corrected	Footage / Corrected
BEARING: N52°E	ELEVATION: 4410'	LENGTH: 47.0m			
DIP COLLAR: -45°	SECTION:	LOGGED BY: P. Peto			

FOOTAGE (metres) From	To	DESCRIPTION — 8 Boxes — BQ core
0	3.4	overburden
3.4	25.6	(2) rusty, fractured, fn. gr. fol. monzonite cut cut by milky qtz vlts limonite blobs & frac. coatings, tracks cps & bn. (oxidized zone)
25.6	27.1	(3) mesocratic med. gr. syenite, sericite/carbonate
27.1	30.2	(1) dk grey, blotchy, c. gr. monzodiorite cut by c. gr. pink leucosyenite dykes at 28.4 – 28.7m, 26.2 – 27.2m, non magnetic
30.2	34.2	(5) pink to buff, v. fn gr. foliated leucosyn dyke strong sericite alt'n
34.2	40.5	(2) rusty, fn. gr. foliated monzonite (barren) limonite fracs.
40.5	47.0	(5) beige to buff, fn gr. leucosyn dyke.

Summary: fn gr. fol monzonite 3.4 – 25.6 and 34.2 to 40.5m, carries cp (limonite) from 3.4 to 12.5m, cut by fn gr. leucosyenite dykes with a monzodidrite screen at 27 – 30 m.

Unit (2) = 31.9m 68%
Unit 3 = 1.5m 3.2%
Unit 5 = 10.5m 22%
Unit 1 = 3.1m 6.6%

SAMPLE NO.	FOOTAGE (M) From	To	Length	ASSAYS Au	Ag	Cu
21591	3.4	7.9	3.5	25	1.6	0.223
21592	7.9	11.6	3.7	4		1050
21593	11.6	14.6	3.0	1		1150

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM Rem 21	LATITUDE: 45'	STARTED: 24 July 74	DIP TEST: Footage / Corrected / Footage / Corrected / Footage / Corrected
HOLE NO.: 74-9	DEPARTURE: 5E	FINISHED: 1 Aug 74	
BEARING: N52°E	ELEVATION: 4335'	LENGTH: 258.6m	
DIP COLLAR: -45°W	SECTION: "Boundary"	LOGGED BY: P. Peto	

	FOOTAGE (meters) From	To	DESCRIPTION — 35 Boxes BQ core	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Ag	Cu
	0	6.7	overburden							
	6.7	18.3	(4) rusty fractured fn. gr. leucosyenite							
	18.3	21.3	(4) rusty c. gr. syenite							
	21.3	23.5	(4) rusty fn gr. syenite							
24.0	23.5	24.0	(4) rusty c. gr. syenite							
9.6	24.0	33.6	(2) fn gr. fol. mtnz, weakly magnetic limon. fract's							
	33.6	39.9	fault zone, argillic leucosyenite							
	39.9	41.2	(2) pink fn gr. fol. syenite, non magnetic							
			cut by qtz + sericite + pyrite v lts							
	41.2	41.5	biotite + Kspar vein							
0.6	41.5	44.2	(2) foliated pink syenite, fn gr. streaky							
3.4	44.2	47.6	(4) c. gr. sericitic syenite, minor diss pyrite							
1.0	47.6	48.6	(2) foliated fn gr. syenite, streaky.							
0.3	48.6	48.9	milky qtz + pg vein ± cp salveges.							
0.5	48.9	49.4	(4) lined gr. leucosyn dyke ± diss py & cp.	•						
6.9	49.4	56.3	(2) fine gr. fol monzonite, diss py, cut by (4) v lts	21564	53.7	56.9	3.2			1495
0.6	56.3	56.9	(4) c. gr. leucosyn. dyke	21565	56.9	59.9	3.0			550
0.5	56.9	57.4	(2) fine gr. monzonite	21566	59.9	62.9	3.0			2280
1.5	57.4	58.9	(4) c. gr. leucosyn dyke							
3.9	58.9	62.8	(2) fol. monzonite							
0.6	62.8	63.4	(4) leucosyn dyke							
8.0	63.4	71.4	(2) fn gr. fol. monzonite, diss cp @ 66.8 & 62.8-64.3							
1.2	71.4	72.6	(4) leucosyn. dyke							
9.4	72.6	82.0	(2) fn gr. grey monz. weak mag, chlor/sericite slips							
0.6	82.0	82.6	(4) med gr. argillic leucosyn dyke, qtz v lts							
0.8	82.6	87.4	(2) grey fn gr. fol. monz. weak mag, K-spar + py v lts to 2mm.							

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE:	STARTED:	DIP TEST					
			Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.: 74-9	DEPARTURE:	FINISHED:						
BEARING:	ELEVATION:	LENGTH:						
DIP COLLAR:	SECTION:	LOGGED BY:						

INT	FOOTAGE From	FOOTAGE To	meters DESCRIPTION	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Cu
0.4	87.4	87.8	(4) leucosyn dyke						
4.6	87.8	92.4	(2) grey, strongly foliated monz, few qtz vlts	21567	89.4	92.4	3.0		2250
			disseм. cp @ 91.8 – 92.4 m	21568	92.4	95.8	3.4		0.732
1.8	92.4	94.2	(4) c. gr. sheared leucosyenite, chloritic, cp @93						
2.2	94.2	96.4	Fault zone in fol. monz?, carb vlts						
0.9	96.4	97.3	(2) fn gr. fol monz.						
0.7	97.3	98.0	(4) c. gr. pink leucosyn						
9.4	98	107.4	(4) Fault zone, core loss, clay gouge, argillic altn						
11.6	107.4	119.0	(4) c. gr. leucosyn. strong sericite, chlor, clay altn, K-spar vlts.						
11.0	119.0	130	(2) grey fn gr. fol monz., fault @ 122.6 m	21569	117.7	120.7	3.0		2430
			* contact strongly pyritic & sericitic from 118 – 122.9	21570	120.7	123.7	3.0		2220
1.0	130	131	(4) leucosyn dyke						
2.7	131	133.7	(2) grey fn gr. fol. monz. ē diss py & cp, leucosyn vlts						
0.5	133.7	134.2	(4) c. gr. leucosyn dyke ē diss py & cp	21571	133.7	136.7	3.0		2410
7.2	134.2	141.4	(2) pink fn gr. fol. monz ē diss. cp.	21572	136.7	139.7	3.0		0.310
0.4	141.4	141.8	(4) leucosyn. dyke						
0.6	141.8	142.4	(4) " "	21573	141.5	144.9	3.4	1	595
5.8	142.4	148.2	(4) med gr. syenite ē dissem py & cp	21574	144.9	148.2	3.3	2	0.211
27.5	148.2	175.7	(2) grey/pink fn. gr. fol monz cut by K-spar vlts,	21575	148.2	151.2	3.0	3	0.96
			disseм cp & py	21576	151.2	154.2	3.0	40	1.125
3.6	175.7	179.3	(2) c. gr. pink gneissic monz, K-spar vlts; fault 179.3	21577	154.2	157.2	3.0	2	0.84
20.5	179.3	199.8	(4) pink med – c. gr. leucosyn, argillic altn cut	21578	157.2	160.2	3.0	2	0.452
			by qtz ± py vlts strong sericite envelopes mafics	21579	160.2	164.0	3.8	1	1500
			to chlorite, qtz + galena VNS @ 198.7 & 199.8 m	21580	164	167	3.0	3	0.575
20.7	199.8	220.5	(4) pink c. gr. chloritic leucosyn, sericite & argillic altn	81	167	170	3.0	125	0.66

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

				DIP TEST					
PROPERTY: TAM	LATITUDE:	STARTED:		Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.: 74-9	DEPARTURE:	FINISHED:							
BEARING:	ELEVATION:	LENGTH:							
DIP COLLAR:	SECTION:	LOGGED BY:							

	FOOTAGE From	FOOTAGE To	meters DESCRIPTION	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Cu
12.8	220.5	233.3	(2) grey, fn.gr. fol monz, cp @ 221.4 & 229.7 - 231.2m	21582	170	173	3.0	57	0.67
1.8	233.3	235.1	(4) leucosyn dyke	21583	173	176	3.0	60	0.46
2.2	235.1	237.3	(2) fol. monzonite	21584	176	179	3.0	17	0.42
1.5	237.3	238.8	(4) leucosyn dyke	21585	196	200.7	3.1	408	245
3.0	238.8	241.8	(2) fol monzonite	21586	220.5	223.6	3.1	2	1210
2.2	241.8	244	(4) leucosyn. dyke, diss cp @ 225 - 226.5m	21587	231	234	3.0	40	1040
4.7	244	248.7	(2) fol. monzonite, minor cp @ 245m	21588	228	228	3.0	3	725
9.9	248.7	258.6	(4) leucosyn dyke, c.gr. non magnetic	21589	228	231	3.0	2	1120
			cut by: fel gtz + cp + hematite v/lts, sericite alt'n	21590	255.6	258.6	3.0	1	210

Summary: Hole cuts variably mineralized (diss cp, cp frac's & gtz+cp v/lts) fn gr. foliated monzonite (2) cut by numerous leucosyenite dykes (4). Higher grade mineralization occurs between 128 & 180 meters. Faults occur at 33.6 - 39.9, 94.2 - 96.4, 98 & 107.4 m. Some sericitic leucosyenite dykes carry gtz ± cp + py ± galena as well as diss blebs of cp suggesting a syenitic mineralizing magma impregnating finer grained foliated monzonites (protoclastic & metasomatized boarder (chill) zone to Duckling Ck syenite complex.

Unit (2) 130.9m · 50.6%
Unit (4) 121.2m 46.9%

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM (Rem22)	LATITUDE: 2S	STARTED: 3 Aug 74	DIP TEST		
HOLE NO.: 74-10	DEPARTURE: 4E	FINISHED: 4 Aug 74	Footage / Corrected	Footage / Corrected	Footage / Corrected
BEARING: N52°E	ELEVATION: 4540'	LENGTH: 132.7m			
DIP COLLAR: -45°W	SECTION: BOUNDARY	LOGGED BY: P. Peto			

FOOTAGE m From	To	DESCRIPTION	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au
		20 Boxes (7 distroyed) STORED @ MIDWAY CAMP. BQ core					
0	3.05	Casing				3.05	
3.05	18.0	(4) rusty med-fn gr. leucosyenite, cut by aplitic veins & dissem ep blebs.				15.0	
18.0	20.1	(2) dk grey, gneissic & spotty fel mons, weak mag, qtz vlts, diss py				2.1	
20.1	24.7	fault gouge ←				4.6	
24.7	45.7	(4) rusty / strongly argillic & chloritic med gr. leucosyn, diss py 36.6 - 40.26 m.				21.0	
45.7	61.9	(4) sericitic leucosyenite				16.2	
61.9	69.2	fault zone, strong argillic alth' ←				7.3	
69.2	83.0	(4) leucosyn, c. gr., pink sericitic, thin qtz vlts dissem py & pink K-spar frac's, fault gouge @ 81.4 m ←				13.8	
						14.6	
83	97.6	(2) fn-m gr. monzonite, gneissic in part, cut by qtz + py veins & K-spar + py vlts & sericitic leucosyenite dykelets (96.7 - 97.6 m).				↓	
97.6	101.0	(2) as above, qtz + py veins & sericite K-spar envelopes				3.4	
101.0	104.3	(3) mesocratic syenite				3.3	
104.3	109.2	(2) spotty fn gr gneissic syenite/monzonite & Kspar + ep fracs				4.9	
106.7	109.2	(4) leucosyenite dyke (aplitic texture)				2.5	
109.2	111.3	(3) mesocratic syenite				2.1	
111.3	114.4	(2) fn gr. foliated syenite & thin ep fracs, & milky qtz veinlets.				1.1	
114.4	118.6	(4) v.c.gr. leucosyenite brecciated in part				4.2	
118.6	121.7	fault zone, argillic alth', pink K-spar + py fracs				3.1	
121.7	132.6	(4) leucosyenite, c.gr., diss py, qtz + py vlts				10.9	

unit 2 = 26.1 m 19.7% unit 3 = 5.4 m 4% unit 4 = 76.3%

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE: 16+60S	STARTED: 16 Aug 74	DIP TEST		
HOLE NO.: 74-11	DEPARTURE: 2+30E	FINISHED: 8 Aug 74	Footage / Corrected	Footage / Corrected	Footage / Corrected
BEARING: N52°E	ELEVATION: 4850'	LENGTH: 182.1m			
DIP COLLAR: -45°W	SECTION: HIDWAY	LOGGED BY:			

FOOTAGE m From	To	DESCRIPTION	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au
		22 alumin Boxs @ HIDWAY BQ core					
0	3.35	Casing				3.35	
3.35	5.5	(2) weathered, fn.gr., grey monzonite, mod. mag cp seams to 2mm cut aplitic vns.				2.15	
5.5	23.8	(2) Medium gr. foliated monzonite, minor dissem cp, thin K-spar frac's, limonite fracs, cut by leucosyn dykelets.				18.3	
23.8	24.7	(4) white to pink leucosyn dyke				0.9	
24.7	39.4	(2) grey fn gr fol monz, mod mag, syenite vlts K-spar + py frac's leucosyn dyke @ 39.5m				4.7 4.2	
39.4	43.6	(2) grey, fn gr biotite rich monz, strong mag cut by leucosyn dykes					
43.6	52.1	(4) C. gr. pink leucosyn, sericitic dyke.				8.5	
52.1	56.1	(4) as above limonitic frac's				4.0	
56.1	59.8	(2) grey fol fn gr monzonite, sericitic, K-spar+ moderate magnetic	fg3+cp+py vlts			3.7	
59.8	79.3	(2) white fn.gr. foliated syenite, diss py & cp, magnetic				19.5 cut by c.gr. leucosyn dykes 15.3	
79.3	94.6	(2) fine gr, foliated biotite rich syenite with dissem py, py fracs, mod. magnetic				15.3	
94.6	132.7	(2) as above but no sulphides visible				38.1	
132.7	182.1	(4) pink c. gr leucosyenite.				50.0	
		Summary: 3.35 - 43.6m grey fol monzonite, 43.6-56.1 sericitic leucosyenite dyke					
		56.1 - 132.7 foliated fn gr. biorich syenite, weakly mineralized with py & minor cp <0.2% Cu.					
		132.7 - 182.1 main leucosyenite body.					
		Unit 2 = 109.3m 60% Unit 4 = 40%					

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE: 20$	STARTED: 17 Aug 74	DIP TEST		
HOLE NO.: 74-12	DEPARTURE: 4+50E	FINISHED: 24 Aug 74	Footage / Corrected	Footage / Corrected	Footage / Corrected
BEARING: N52°E	ELEVATION: 4800'	LENGTH: 183m			
DIP COLLAR: -45°W	SECTION: MIDWAY	LOGGED BY: P. Pelo (after A. Pauwels.)			

FOOTAGE M From	To	WOOD DESCRIPTION	SAMPLE NO.	FOOTAGE (m) From	To	Length	% ASSAYS Au	Cu
		stored @ MIDWAY (Boxes destroyed) BQ core						
0	6.1	CASING				6.1		
6.1	13.1	(2) pink med. gr. syenite ± qtz vlts, poor recovery				7.0		
13.1	15.25	(2) limonitic fol. syenite				2.15		
15.25	15.55	(4) leucosyn dykelet				0.25		
15.55	19.3	(2) grey green fn gr. fol monzonite, fol 55° ∧ c.A., qtz+py vnl ± cp ~~3.75~~ 77.1m.				3.75		
19.3	19.5	(4) leucosyn dykelet.				0.2		
19.5	23.5	(2) fol syenite				4.0		
23.5	24.1	(4) pyritic leucosyn dyke.				0.6		
24.1	37.2	(2) grey to white, fn to med gr. fol. syenite, qtz vlts; drusy				3.1		
37.2	38.1	(4) c.d. leucosyn dyke				0.9		
38.1	47.6	(2) fol. fn gr. syenite				9.5		
47.6	50.0	(4) c. d. leucosyn dyke				2.4		
50.0	55.5	(2) fn gr. fol syenite ± d.ss py & cp				5.5	~0.15	
55.6	56.7	(4) med. gr. leucosyn dyke ± sparse cp & py, weak mag.				1.1	<0.1	
56.7	57.7	(2) fol syenite cut by feldspar & qtz vlts				1.0	<0.07%	
57.7	62.5	(2) " " no qtz vlts				4.8		
62.5	64.0	(4) med. a. gr. leucosyn ± trace cp				1.5	<0.03	
64.0	66.2	(2) fol. syenite				2.2		
66.2	67.7	(3) mesocratic syenite screen				1.5		
67.7	70.1	(2) fol. syenite ± traces cp.				2.3		
70.1	70.8	(3) mesocratic syenite				0.7		
70.8	73.2	(2) fol. syenite				2.4		
73.2	74.2	(4) leucosyenite vein				1.0		
74.2	98.2	(2) fine gr. fol syenite cut by Kspar vlts				24.0		
98.2	98.8	(4) leucosyn dykelet.				0.6		
98.8	107.7	(2) grey to white fol. syenite, dissem cp from 101.3 - 105.5m				8.9	0.35	

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM	LATITUDE:	STARTED:	DIP TEST					
			Footage	Corrected	Footage	Corrected	Footage	Corrected
HOLE NO.: 74-12	DEPARTURE:	FINISHED:						
BEARING:	ELEVATION:	LENGTH:						
DIP COLLAR:	SECTION: MIDWAY	LOGGED BY: A. Pauwels						

FOOTAGE m		DESCRIPTION	SAMPLE NO.	FOOTAGE (m)			ASSAYS				
From	To			From	To	Length	Au	Cu			
107.7	108.0	(4) leucosyn dykelet.				0.3					
108.0	115.3	(2) fn-med gr. fol syenite, cp @ 112.2m				7.3					
115.3	115.6	(4) leucosyn dykelet				0.3					
115.6	116.5	(2) fn.gr.fol syn., magnetic, hematite, minor cp, py				0.9		0.02			
116.5	116.8	qtz vein c py & magnetite				0.3					
116.8	119.2	(2) fn gr. fol syenite				2.4					
119.2	125.9	(2) as above				6.7					
125.9	127.5	(2) as above cut by leucosyn veins				1.6					
127.5	128.4	(4) leucosyn dykes				0.9					
128.4	183.0	(4) med. to fn gr. leucosyenite, white-pink, c small amounts of biotite & chlorite.				54.6					
		Unit 2 102.75m = 56% Unit 3 2.2m 1.2% Unit 4 = 41.8%									

PROPERTY TAM
DRILL HOLE NO. 74-13
DRILL TYPE Longyear 34
DATES 25-Aug - 3 Sept 74

DRILL HOLE LOG & ASSAYS
LOCATION 0S 8E
ELEVATION 4475'
BEARING N52°E
DIP -45°W

LENGTH 310.5m
% RECOVERY v. good.
LOGGED BY P. Peto
PAGE 1 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag	meter	Copper (ppm)	%Gold (ppb)
	0	6.4	6.4	casing					
	6.4	14.3	7.9	(4) sericitic leucosyenite med. c. gr.					
49075	14.3	31.7	17.4	(4) fault zone, hematite slickenslides, qtz vlts			30.5	38	5
				clay gouge @ 14.3-16.5m, 17.7-20.4m, 26.5-28.7m					
	31.7	39.3	7.6	(4) med. gr. leucosyenite					
	39.3	51.5	12.2	(4) fault zone, clay gouge, argillic altn, mafics to chlorite					
49074	51.5	53.1	1.6	(3) grey mesocratic syenite qtz vlts			51.5	10	5
49073	53.1	59.5	6.4	(2) foliated syenite, med. gr., argillic, qtz vlts, fault trace @			56.7	26	5
49072	59.5	67.7	8.2	(4) c. gr. leucosyn dyke			52.5	15	5
49071	67.7	74.4	6.7	(3) screen mesocratic syenite ± diss py cut by qtz+py vlts			44.2	141	10
49070	74.4	82.0	7.6	(4) leucosyn dyke ± qtz+py vlts, qtz+py+galena VNs @ 81.7m			61.0	61	340
49069	82.0	85.1	3.1	(3) screen mesosyenite ± diss. py, K-spar vlts			75	24	5
49068	85.1	89.4	4.3	(4) leucosyn dyke			84.8	6	5
49067	89.4	103.7	4.3	(2) fn gr. fol syenite ± diss py.			114.4	14	5
—	103.7	132.4	28.7	(4) leucosyn diss. epe 130.8m		130.8-	133.9	(3m)	0.13
49066	132.4	139.4	7.0	(2) fol. fn gr. syenite, fol 45° ∧ c.A., minor diss py			107.4	15	5
49065				fault zone 129.3-132.7m			98.5	24	5
49064	139.4	140.3	0.9	(3) mesocratic syenite, qtz vlts, argillic altn			129.3	79	80
49063	140.3	142.1	1.8	(4) leucosyn dyke.			137.6	106	5
49062	142.1	181.5	39.4	(2) med to fn gr fol monzonite/syenite, spotty			146.4	17	5
49061				to gneissic, trace py, locally argillic, primary			152.5	14	5
				biotite clots @ 178.4-182.4m, cut by qtz vlts					

DRILL HOLE LOG & ASSAYS

PROPERTY TAM
DRILL HOLE NO. 74-13
DRILL TYPE Longyear 34
DATES 25 Aug - 8 Sept 74

LOCATION 05 87E
ELEVATION 4475'
BEARING N52°E
DIP -45°W

LENGTH 310.5m
% RECOVERY
LOGGED BY P. Peto
PAGE 2 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag			%Cu
	181.5	191.8	10.3	(4) med.-c.gr. leucosyn ē drusy qtz vlts & dissem py			189.1	192.1	0.06
	191.8	195.2	3.4	(2) gniessic fn gr. syenite ē secondary biotite clots, dissem cp.			192.1	195.2	0.29
49060	195.2	198.2	3.0	(4) leucosyn dyke			195.2	198.2	0.33
	198.2	215.9	17.7	(2) fol. fn gr. monz/syenite, sericitic in part biotite seams, cp frac fills, qtz+py±cp vlts			163.2	19	10
49059							160.1	8	5
49058	215.9	217.1	1.2	(4) leucosyn dyke			150.7	11	5
49057	217.1	238.2	21.1	(2) gniessic gray fn gr. monzonite, locally argillic near fault traces @ 222.7m & 239.4-243m			200.1	15	5
49056							177.2	29	15
49055				qtz+py+cp VNE 237.3m			245.8	258	155
49054	238.2	246.1	7.9	(3) mesocratic syenite			251.6	63	60
49053	246.1	251.6	5.5	(2) fn gr. fol. monzonite cut by bio-rich "trap" dyke.			257.7	82	135
49052	251.6	258.0	6.4	(4) v.c.gr. leucosyn dyke cut by qtz vlts		Mo = 440ppm	292.8	44	45
49051	258	265.3	7.3	(2) fn gr. fol monz.			301.3	171	10
49050	265.3	288.8	23.5	(4) c.gr. sericitic leucosyenite, fault zone 283.6 - 285.8 m			310.5	68	5
49049	288.8	291.6	2.8	(3) screen mesosyenite			208.3	382	5
49048	291.6	295.2	3.6	(4) leucosyn dyke ē qtz+py+cp VNE 10° n CA, chloritic			211.4	17	10
49047	295.2	299.8	4.6	(3) mesosyenite screen, sericitic ē qtz+py vlts, diss py			222	139	5
49046	299.8	310.5	10.7	(4) c.gr. qtz+py vlts, dissem py clusters, qtz vlts trace diss cp.			225.1	87	5
49045							233.9	14	5
49044				Unit 2 = 112.4m 36% Unit 4 = 160.8m 51.8% Unit 3 = 12.2%			236.7	14	300

PROPERTY TAM
DRILL HOLE NO. 74-14
DRILL TYPE BQ CORE
DATES 10-13 Sept 1974

DRILL HOLE LOG & ASSAYS
LOCATION 0N/82W
ELEVATION 4510'
BEARING N52°E
DIP -45°W

LENGTH 206.65m
% RECOVERY v. good.
LOGGED BY P. Peto
PAGE 1 OF TWO

CORE stored on drill site

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag	Metal	Copper	Gold
								ppm	ppb
	0	1.83	1.83	overburden					
	1.83	6.1	4.27	(2) rusty fn gr. fol monzonite, diss py, lim coats fol 25° ∧ C.A.					
49043	6.1	12.2	6.1	(2) strongly sericitic, 1-2% diss py, shear @ 12 m			7.6	87	80
	12.2	14.9	2.7	(3) med. gr. mesosyn, bio-rich, py fracs					
	14.9	15.9	1.0	(2) grey fn gr. pyritic monz, thin K-spar+cp vlts, weak mag					
49042	15.9	17.7	1.8	(3) med gr. mesosyn, minor diss cp & py			17.1	43	5
	17.7	19.5	1.8	(2) grey, fn. gr. fol. monz., sericite alt'n, few qtz vlts, minor py					
	19.5	21.0	1.5	(4) c. gr. leucosyn dyke					
49041	21.0	38.4	17.4	(2) fn gr. grey fol monz, non-mag, cut by leucosyn vlts.			22.9	66	5
	38.4	39.7	1.3	(4) leucosyn dyke, diss py & minor cp, qtz+py+cp vlts					
49040	39.7	46.7	7.0	(2) grey fn gr fol monz, strong sericite & non-mag.			46.7	609	5
	46.7	60.4	13.7	(4) pink med-c. gr. leucosyn dyke, qtz+cp vlts, diss fn gr py, sericite alt'n drusy K-spar-sericite vlts (1/m)					
	60.4	67.1	6.7	(4) c. gr. leucosyn, py fracs, diss sericite, K-spar+py+cp vlts			69.5 (3/m)	282	5
49039	67.1	73.2	6.1	(2) contact zone fol fn gr. monz & diss cp & py <1%, qtz+py vlts & leucosyn dyke lets.			72.6	270	10
49038									
49037	73.2	81.1	7.9	(4) pink c-med. gr. leucosyn cut by thin qtz+cp vlts diss py, minor cp blebs, sericite alt'n			75.6	24	5
49033							72.		
	81.1	83.6	2.5	(2) fol grey fn gr. monz screen fol 45° ∧ C.A.					
	83.6	87.8	4.2	(4) pink v. c. gr. leucosyn & sericite					
49036	87.8	92.11	4.3	(4) med gr. pink leucosyn, rare qtz vlts.			93	63	10

PROPERTY TAM
DRILL HOLE NO. 74-14
DRILL TYPE
DATES

DRILL HOLE LOG & ASSAYS
LOCATION
ELEVATION
BEARING
DIP

LENGTH
% RECOVERY
LOGGED BY
PAGE 2 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag	mets	Copper	Gold
	92.1	94.2	2.1	contact zone (4B(2) sericite altn, K-spar vlts, diss cp & py					
49035	94.2	99.1	4.9	(4) med. gr. leucosyn dyke, diss py			96.1	62	5
49034	99.1	122.0	22.9	(2) gray fn gr. fol mons. cut by leucosyn vlts, v. elt by			98.5	38	10
49033				coarse diss py, milky qtz vlts, cp-fracs, diss cp.,			102.6	170	5
49032				also bio + cp + py fracs, fault trace 115.3m (argillic)			?	306	5
49031	122.0	126.0	4.0	(2) gniessic monz, bio fracs, K-spar vlts			109.2	1862	30
49030	126.0	128.1	2.1	(4) c. gr. sericitic leucosyn, qtz vlts, fractured.			112.2	2560	10
49029	128.1	193.7	5.8	(4) pink, med-c. gr. sericitic leucosyn ±			115.3	105	5
49028				few bio clots, argillic slips, qtz+chl vlts,			118.3	83	5
49027				K-spar frac fills, cp vlte 166.5m, becomes			121.4	40	5
49026				foliated between 185.4 - 193.7m			124.7	82	55
49025	193.7	203.1	9.4	(6) grey plag-hbl porphyry dyke, argillic & sheared 80° CA.			146.7	306	15
49024	203.1	203.7	0.6	(6) plag porphyry ± v. coarse diss pyrite (latite?)			158	1502	55
49023	203.7	206.8	3.1	(4) grey/pink, felsic leucosyenite cut by qtz vlts			164	933	40
49022	173.2	176.3	3.1	diss py., argillic altn.			(3.1)	1380	45
49021	179.3			Summary: weakly mineralized fol monz cut by			179.3	153	25
49020				leucosyn dykes ± cp & diss py., holofelsic sericitic			185.4	811	255
49019				leucosyn cut by plag porphyry dyke. No core assayed.			194.6	67 247	5 85
49018							200.7	249	85
49017				Unit 2 = 77m (37.2)%, 1.8m = (2.2%), Unit 4 55.5m (26.9%)			203.7	421	20
				Unit 5 = 6.8%					

Unit 2 = 77.4m 36.4% Unit 4 = 63.6

PROPERTY TAM
DRILL HOLE NO. 74-15
DRILL TYPE BQ
DATES 14-17 Sept 1974

DRILL HOLE LOG & ASSAYS
LOCATION 6N 8.3E
ELEVATION 4300'
BEARING N52°E
DIP −45°W

LENGTH 212.8m
% RECOVERY
LOGGED BY P. Peto
PAGE 1 OF one

(after: D. christic)

SAMPLE	FROM	TO	LENGTH (m)	27 Boxes (10 Boxes distroyed) NOTES core stored @ drill site (No core split or sampled)	ASSAYS oz Au	oz Ag		%Cu	
	0	6.1		overburden					
	6.1	11.3	5.2	(4) pink. c. gr. leucosyenite, sericitic, few thight					
49102	(SPOT) 10.0			cp frac's, K-spar vlts, limonite coatings.	0.001	0.02		0.013	
	11.3	88.4	77.1	(4) pink, med-c.gr. leucosyenite, sericitic ± a					
49103	15 m			few qtz vlts, v. fn. specks of dissem cp & py,	0.002	0.05		0.165	
49104	22 m			some qtz+cp+py vlts & py+cp frac fills	0.002	0.04		0.066	
49105	31 m			(35.7-42.1m)-sericitic v. fn. py+cp fracs, (42.1-47.3m)-	0.002	0.05		0.020	
49106	38 m			qtz+py vlts ± pink envelopes, thight py fracs (Box 8) K-spar+	0.001 cp fracs	0.05		0.015	
49107	43 m			(Box 9) diss. fn gr. cp, qtz+cp vlts, Kspar+py vn @ 66.5m	0.002	0.05		0030	
49108	51 m			(Box 10)- sericitic, qtz+py vlts & py fracs (Box 11) as above	0.002	0.06		0.061	
49109	57 m			inclusion of gneissic monzonite with diss. pyrite. (Box 12)	0.001	0.01		0.014	
49110	65 m			grey/pink gneissic monz/syn, Kspar vlts, few qtz vlts,	0.001 diss py	0.01 K-spar vlts.		0.002	
	88.4	91.5	3.1 (284)	Contact zone (chill zone) of leucosyn with fol monzonite					
	91.5	126.0	34.5	(2) grey, fn to med gr., biotite rich fol. monzonite					
49111	75 m			dissem. py, tight K-spar+cp vlts, weakly magnetic	0.001	0.01		0.014	
49112	81 m			aplitic py+cp VNS, K-spar vlts & milky qtz+py vlts	0.001	0.02		0.018	
49113	87 m			± pink envelopes	0.001	0.04		0.015	
49114	126 (10) m	142.1	16.1	(2) foliated monzonite (syn) with disseminated cp	0.006	0.08		0.052	
* 49115	142.1	151.9	9.8	(4) c. gr. leucosyenite dyke dissem py	0.003	0.18		0.364	
49116	151.9	155.8	3.9	(2) fn. gr. fol monz/syn, intermittent trace of cpe 152 - 155.8	m 0.001	0.04		0.058	
49117	155.8	163.8	8.0	(2) with increasing number of leucosyenite vlts	0.001	0.02		0.039	
49118	163.8	169.9	6.1	(4) c. gr. leucosyn dyke	0.002	0.11		0.004	
49119	169.9 (209) m	184.8	14.9	(2) fn gr. fol. syenite/monz cut by leucosyn vlts, milky qtz VNS, minor cp & diss py, magnetic	0.001	0.04		0.064	

DRILL HOLE LOG & ASSAYS

PROPERTY TAM
DRILL HOLE NO. 75-16
DRILL TYPE 'A' core
DATES 10 June - 4 July 1975

LOCATION 45,82W (Slide)
ELEVATION
BEARING N52°E
DIP -45° SW

LENGTH 119.4m
% RECOVERY v. good
LOGGED BY P. Peto
PAGE 1 OF One

SAMPLE	FROM	TO	LENGTH	NOTES (16 core boxes; L5N 500W on slide Grid; stored @ old Lumex Camp.)	ASSAYS oz Au	oz Ag	meter	Cu% ppm	Au ppb
	0	2.7	2.7	casing					
49012	2.7	38.1	35.4	(4) pink c.gr. weakly foliated leucosyenite, Hbl altered to chlorite, few epidote frac fills, few clussy limonite + py v/ts			83	80	20
49011							86	73	10
49010	38.1	40.3	2.2	(4) pink c.gr. sericitic holofelsic dyke, trace v.fn. pyrite			90	480	5
49009	40.3	43.3	3.0	(4) pink fn to v.c.gr. leucosyn ± chlor slips, ep? py frac's			93	84	5
49008	43.3	44.2	0.9	(3) grey, speckled med. gr. mesosyn inclusion, weak mag.			95.8	120	5
49007	44.2	49.4	5.2	(4) pink. c.gr. leucosyn, chlor frac's, chlor mafics <10%			99.1	510	170
49006	49.4	50.6	1.2	(4) pink, fractured, c.gr. leucosyn dyke ± dissem cp, malachite			102.6 frac's	230	50
49005	50.6	78.4	27.8	(4) (split) pink-leucosyn & aplite dykes eg.			105.8	363	40
49004				50.6-66.5m - pink holofelsic sericitic dyke cut by pyritic aplite v/vs					
"				66.5-72.6m - gneissic, fol. med. gr. syenite			108.3	414	120
49003				72.6-78.9m - pink holofelsic leucosyn dyke, minor py & weak sericite					
49002	78.9	84.5	5.6	fault zone, clay gouge in argillic holofelsic syenite			113.5	192	25
	84.5	85.1	0.6	(4) c.gr. leucosyn.			116.5	298	10
	85.1	96.4	11.3	(2) sharp contact ± grey fn gr. fol monzonite, few K-spar ep			v/ts		
49001				strong mag, cut by leucosyn dyke @ 86.3-87.2m & holofelsic			120	469	5
				syn dyke @ 94.5-96.4m.					
	96.4	105.8	9.4	(2) grey fn gr. fol. gneissic monz ± bioht seams, v.fn gr. diss py, mod mag					
	99.1	116.5	17.4	shear zone, chlor slips, limonite coats, leucosyn dyke (fractured) @ 105.8-106.7m					
	116.5	121.4	4.9	(2) grey fn gr. fol monz, minor diss py, fol 45° ↑ C.A., core loss @ end of hole					

PROPERTY TAM (REM)
DRILL HOLE NO. 75-17
DRILL TYPE A CORE Longyear 24
DATES 5 July - 1 Aug 1975

DRILL HOLE LOG & ASSAYS
LOCATION 12.8N 82.1W "slide"
ELEVATION
BEARING -90°
DIP

LENGTH 117.3m
% RECOVERY
LOGGED BY P. Peto (after Pauwels)
PAGE 1 OF one

SAMPLE	FROM	TO	LENGTH (meters)	NOTES (Ve interpretation of Log.) unex.	ASSAYS oz Au	oz Ag
	0	12.0	12.0	Overburden		
	12.0	15.0	3.0	(3?) foliated monzodiorite, dissem py cp along foliae		
	15.0	18.9	3.9	(2) fn to med. gr. weakly fol. syenite, trace of pyrite		
	18.9	21.6	2.7	(3)? medium gr, equigranular monzodiorite; chl+ep alt'n		
	21.6	21.9	0.3	(4) leucosyn dyke ± hematite(?) slips		
	21.9	28.8	6.9	(3)? with fn gr & foliated intervals		
	28.8	29.1	0.3	(2) med. gr. sericitic monzonite		
	29.1	41.7	12.6	(2) grey fn gr. fol syenite, specs of cp, py & hematite fol @ 45° to C.A. cut by numerous dykelets of leucosyn		
	41.7	43.5	1.8	med. gr. granodiorite dyke ± inclusions of above		
	43.5	49.2	5.7	(2) Monzonite ± qtz + galena VN		
	49.2	66.0	16.8	(3) Monzodiorite, grey med to c. gr., fol 45° to CA		
	66.0	90.0	24	(2) grades into pink monzonite ± epidote & bio, py + hematite(?) fracs, traces of cp @ 82.2		
	82.2	85.2	3.0	Fault zone ± qtz + py VNS.		
	90.0	97.2	7.2	(2) Monzonite ± crystalloblast of pink K-spar, qtz + gal vlts.		
	97.2	106.8	9.6	(3) Monzodiorite, med-fn gr., ep, small qtz VNS @ 105		
	106.8	117.3	10.5	(3) Monzodiorite, becomes coarser grained ± 2-4cm K-spar megacrysts., only trace ep.		
				1/2 : 2 : 3.7m = 45.7% 1/2 : 49.5m = 42% 1/2 : 2%		

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

unit 1 = 49.8m 40.6
unit 2 = 20.6m 16.8%
unit 5 = 32.8m 26.8%

PROPERTY: TAM (REM21)	LATITUDE: 7410 N	STARTED: 12 Aug 75	DIP TEST: Footage / Corrected / Footage / Corrected / Footage / Correct.
HOLE NO.: 75-18	DEPARTURE: 1+50E	FINISHED: 3 Sept 75	
BEARING: N52°E	ELEVATION:	LENGTH: 122.6m	
DIP COLLAR: -45°SW	SECTION: "Boundary"	LOGGED BY: P. Peto	

	FOOTAGE From	FOOTAGE To	meters	DESCRIPTION: 15 Boxes AX core	SAMPLE NO.	FOOTAGE From	FOOTAGE To	FOOTAGE Length	ASSAYS Au	ASSAYS Ag	ASSAYS Cu
	0	11.9		overburden							
1.2	11.9	13.1	(4)	med. gr. leucosyn.							
6.7	13.1	19.8	(2)	grey/pink fol. monzonite, hematite slips, K-spar +py vlts	21542	13.1	16.1	3.0	1	0.7	42
					21543	16.1	19.1	3.0	2	0.8	150
1.5	19.8	21.3	(5)	white leucosyn. dyke, chloritic							
0.7	21.3	22.0	(2)	fol. monzonite, non magnetic							
3.0	22.0	25.0	(1)	med. gr., mesocratic monzodiorite weakly mag.							
3.5	25.0	28.5	(1)	as above, core loss							
23.5	28.5	52.0	(1)	fn to c. gr., grey spotted blk, biotite rich foliated monzodiorite cut by leucosyn dykes							
1.0	51.5	52.5	(5)	leucosyn. dyke	21544	52.3	55.3	3.0			
1.1	52.5	53.6	(1)	med gr. monzodiorite, qtz+sericite VN 53.6-54.0							
1.2	53.6	54.8	(5)	leucosyn dyke							
8.0	54.8	62.8	(1)	c. gr. monzodiorite (mesocratic), minor cp @ 59.3m	21545	55.3	58.0	2.7			
1.2	62.8	64.0	(5)	leucosyenite dyke	21546	58	61	3.0			
6.3	64.0	70.3	(1)	c. gr. weakly magnetic monzodiorite	21547	62.8	64	1.2			
1.1	70.3	71.4	(5)	leucosyn dyke, sericite alth							
2.6	71.4	74.0	(1)	c. gr. monzodiorite	21548	71.4	74	2.6			
12.0	74.0	86.0	(2)	fn. gr. biotite rich foliated monzonite, pink/grey, weakly magnetic							
5.5	86.0	91.5	(2)	pink/grey, fn. gr. fol. monzonite/syenite	21549	90.1	93.1	3.0			
1.8	91.5	93.3	(1)	mesocratic c. gr. monzodiorite cut by qtz+Kspar vlts	21550	93.1	96.1	3.0			
1.2	93.3	94.5	(5)	leuco syenite dyke, sericitic	21551	96.1	99.1	3.0			
3.1	94.5	97.6	(2)	grey fn gr. fol monzonite							
0.9	97.6	98.5	(5)	leucosyn dyke							
24.1	98.5	122.6	(5)	pink, inequigranular, highly sericitic leucosyn, non magnetic, few qtz vlts. #21552 →	119.6	122.6		3.0			

Summary: 11.9 – 22.0 fol monz cut by leucosyn dykes, 22 – 97.6 monzodiorite cut by leucosyn dykes, 97.6 – 122.6 sericitic fn gr – c. gr. leucosyn.

MAJOR GENERAL RESOURCES LTD.
DIAMOND DRILL HOLE LOG

PROPERTY: TAM (REMZI)	LATITUDE:	STARTED: 3 Sept 75	DIP TEST: Footage / Corrected / Footage / Corrected / Footage / Corrected
HOLE NO.: 75-19	DEPARTURE:	FINISHED: 28 Sept 75	
BEARING: N52°E	ELEVATION:	LENGTH: 120m	
DIP COLLAR: -45°SW	SECTION: "Boundary"	LOGGED BY: P. Peto	

	FOOTAGE From	FOOTAGE To	metres 15 Boxes DESCRIPTION AW core	SAMPLE NO.	FOOTAGE (m) From	To	Length	ASSAYS Au	Cu	Ag
	0	15.0	overburden							
17.2	15.0	32.2	(2) highly fractured, weathered fol. fngr. monzonite 30° k.c.a. cut by leucosyn dykes, weakly mag., primary K-spar ( )-biotite ± sericite-hematite altn	21553	22.5	27.6	5.1	1	297	0.6
				21554	27.6	32.2	4.6		191	
				21555	32.2	35.4	3.2		226	
44.9	32.2	77.1	(4) pink f.c.gr. strongly sericitic leucosyn, weakly magnetic ( ) hematite specks, 4cm milky qtz vein @ 75m, occ. qtz+py+hm v lts.							
4.5	77.1	81.6	(6) greyish green, fg gr. weakly magnetic plagioclase-hornbl. porphyry dyke.							
1.0	81.6	82.6	(6) as above andesite porphyry							
1.4	82.6	84.0	(4) sericitic leucosyn dyke							
2.7	84.0	86.7	(6) andesite porphyry dyke							
13.2	86.7	99.9	(4) pink, c.gr. sericitic leucosyenite, diss. hematite, Non magnetic, cdthy qtz+py+hm v lts.	21556	88.0	91.0	3.0		93	
0.5	99.9	100.5	(1) monzodiorite screen.	21557	91.0	94.0	3.0		530	
0.15	100.5	100.65	late granodiorite dyke (argillic)							
3.35	100.65	114.0	(4) pink c.gr. sericitic leucosyn. dyke							
1.7	114	115.7	Fault zone, argillic altn, minor pyrite	21558	101.5	104.5	3.0		14	
6.3	115.7	122.0	(4) c.gr. pink leucosyn cut by milky qtz v lts	21559	104.5	107.5	3.0		18	
				21560	107.5	110.5	3.0		121	
			Summary: 15-32.2m fol. weathered monzonite, cut by leucosyn dykes. 32.2-77.1 sericitic leucosyn 77.1-82.6 late andesite porphyry dykes 82.6-122 sericitic leucosyn cut by fault zone @ 115m & with monzodiorite screen/inclusion at 100m. (Cumineralized throughout)	21561	113.7	116.7	3.0		206	
				21562	116.7	119.7	3.0		1000	
				21563	119.7	122	2.3		985	

Unit 2 = 14.3% Unit 4 69.1m = 57.6% Unit 6 = 6.8%

APPENDIX 5

GEOCHEMICAL & ASSAY CERTIFICATES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OV-1351-XA1

Company: MINCORD EXPLORATIONS
Project:
Attn: B.KAHLERT/B.MORTON

Date: SEP-11-90
Copy 1. MINCORD, VANCOUVER, B.C.
2. B.KAHLERT, VANCOUVER, B.C.

We hereby certify the following Assay of 14 ROCK samples submitted SEP-04-90 by B.KAHLERT.

Sample Number	AU g/tonne	AU oz/ton	CU %
14918			.405
14922	.62	.018	.910
14923	.01	.001	.510
14924	.03	.001	
14925			1.430
14927			.498
14930			.376
14931			.360
14932	.01	.001	1.190
14933			.403
14936	.18	.005	1.180
14937	.02	.001	
14938	.03	.001	
14939	.34	.010	1.063

Certified by _____

MIN-EN LABORATORIES

MIN
• EN
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0440-RA1

Company: VARITECH
Project: TAM
Attn: B.COOK/P.PETO/G.GARRETT

Date: SEP-08-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MINCORD, VANCOUVER, B.C.

He hereby certify the following Assay of 7 ROCK samples submitted SEP-04-90 by B.KAHLERT.

Sample Number	AU g/tonne	AU oz/ton	AG g/tonne	AG oz/ton	CU %
21697	.34	.010	1.9	.06	.345
21698	.08	.002	1.7	.05	.253
21699	.06	.002	0.4	.01	.136
21700	.06	.002	0.6	.02	.172
21701	.06	.002	0.8	.02	.082
21702	.07	.002	4.0	.12	.615
21703	.08	.002	4.1	.12	.620

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA1

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

He hereby certify the following Assay of 26 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG oz/ton	AG oz/ton	CU %
49093	.09	.003	0.6	.02	.029
49095	.14	.004	2.2	.06	.002
49096	.40	.012	0.5	.01	.006
49097	.20	.006	0.3	.01	.078
49098	.29	.008	2.1	.06	.015
49099	.06	.002	0.4	.01	.014
49100	.09	.003	1.3	.04	.018
49101	.09	.003	4.1	.12	0452
49120	.09	.003	6.0	.18	.900
49121	.11	.003	4.2	.12	.625
49122	.09	.003	7.8	.23	.980
49123	.04	.001	0.7	.02	.015
49124	.04	.001	0.4	.01	.006
49125	.04	.001	0.3	.01	.014
49126	.10	.003	0.2	.01	.018
49127	.06	.002	0.3	.01	.013
49128	.09	.003	0.5	.01	.021
49129	.20	.006	1.7	.05	.008
49130	.35	.010	0.6	.02	.008
49131	.09	.003	0.4	.01	.019
49132	.09	.003	0.3	.01	.013
49133	.40	.012	1.9	.06	.018
49134	.09	.003	0.2	.01	.022
49135	.06	.002	0.2	.01	.007
49136	.04	.001	0.2	.01	.001
49137	.06	.002	0.2	.01	.002

Certified by _____

MIN-EN LABORATORIES

MIN
• EN
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA2

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

We hereby certify the following Assay of 23 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG oz/ton	AG oz/ton	CU %
49138	.03	.001	0.6	.02	.002
49139	.07	.002	0.2	.01	.001
49140	.03	.001	0.4	.01	.001
49141	.08	.002	0.5	.01	.001
49142	.04	.001	0.2	.01	.003
49143	.04	.001	0.2	.01	.002
49144	.04	.001	1.7	.05	.002
49145	.04	.001	1.6	.05	.001
49146	.05	.001	1.3	.04	.003
49147	.23	.007	2.4	.07	.008
49148	.04	.001	0.8	.02	.024
49149	.07	.002	0.5	.01	.002
49150	.05	.001	0.6	.02	.012
49151	.04	.001	0.2	.01	.001
49152	.15	.004	1.7	.05	.005
49153	.17	.005	11.4	.33	.720
49154	.05	.001	1.8	.05	.154
49155	.04	.001	2.3	.07	.016
49156	.04	.001	0.3	.01	.004
49157	.04	.001	0.2	.01	.002
49158	.18	.005	1.8	.05	.443
49159	.09	.003	1.9	.06	.960
49160	.06	.002	0.7	.02	.074

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA3

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

We hereby certify the following Assay of 13 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG g/tonne	AG oz/ton	CU %
49201	.03	.001	1.3	.04	.005
49202	.03	.001	0.2	.01	.004
49203	.04	.001	0.4	.01	.104
49204	.13	.004	0.6	.02	.013
49205	.14	.004	1.3	.04	.158
49206	.70	.020	9.7	.28	.016
49207	.16	.005	3.8	.11	.008
49208	.03	.001	7.9	.23	.164
49209	.03	.001	0.4	.01	.004
49210	.02	.001	3.0	.09	.002
49211	.07	.002	1.7	.05	.122
49212	.59	.017	4.2	.12	.019
49213	.06	.002	1.6	.05	.003

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA4

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

We hereby certify the following Assay of 30 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG g/tonne	AG oz/ton	CU %
49076	.05	.001	0.8	.02	.050
49077	.04	.001	0.4	.01	.012
49078	.06	.002	1.6	.05	.007
49079	.04	.001	1.2	.04	.010
49080	.07	.002	0.6	.02	.018
49081	.05	.001	0.3	.01	.007
49082	.05	.001	1.7	.05	.006
49083	.04	.001	0.4	.01	.006
49084	.03	.001	0.2	.01	.001
49085	.05	.001	0.3	.01	.004
49086	.05	.001	0.3	.01	.010
49087	.04	.001	0.2	.01	.005
49088	.04	.001	0.4	.01	.013
49089	.05	.001	0.5	.01	.014
49090	.07	.002	0.2	.01	.004
49091	.04	.001	0.4	.01	.002
49092	.06	.002	0.4	.01	.032
49094	.05	.001	0.6	.02	.013
49102	.05	.001	0.9	.03	.096
49103	.06	.002	1.8	.05	.165
49104	.07	.002	1.2	.04	.066
49105	.07	.002	1.6	.05	.020
49106	.05	.001	1.8	.05	.015
49107	.06	.002	1.7	.05	.030
49108	.07	.002	2.2	.06	.061
49109	.05	.001	0.4	.01	.014
49110	.03	.001	0.3	.01	.002
49111	.04	.001	0.5	.01	.014
49112	.03	.001	0.8	.02	.018
49113	.05	.001	1.3	.04	.015

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA5

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

He hereby certify the following Assay of 6 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG g/tonne	AG oz/ton	CU %
49114	.19	.006	2.8	.08	.052
49115	.09	.003	6.2	.18	.364
49116	.03	.001	1.5	.04	.058
49117	.04	.001	0.6	.02	.039
49118	.08	.002	3.9	.11	.004
49119	.03	.001	1.4	.04	.004

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0668-RA1

Company: VARITECH
Project: TAM
Attn: BRAD COOK/ P.PETO, G. GARRETT

Date: OCT-13-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MINCORD, C/O TUNDRA, SMITHERS, B.C.

We hereby certify the following Assay of 27 ROCK samples submitted OCT-12-90 by MINCORD.

Sample Number	AU g/tonne	AU oz/ton	AG g/tonne	AG oz/ton	CU %
49161	.06	.002	5.7	.17	.115
49162	.06	.002	1.6	.05	.021
49163	.09	.003	1.8	.05	.034
49164	.10	.003	1.7	.05	.032
49165	.04	.001	1.4	.04	.010
49166	.09	.003	2.0	.06	.096
49167	.04	.001	1.2	.04	.010
49168	.12	.004	3.4	.10	.154
49169	.05	.001	2.0	.06	.012
49170	.09	.003	2.1	.06	.038
49171	.04	.001	1.2	.04	.006
49214	.05	.001	1.5	.04	.004
49215	.04	.001	.5	.01	.003
49216	.04	.001	1.3	.04	.045
49217	.40	.012	4.9	.14	.356
49218	.05	.001	.6	.02	.020
49219	.30	.009	5.8	.17	.194
49220	.12	.004	4.7	.14	.420
49221	.05	.001	.6	.02	.008
49251	.04	.001	1.1	.03	.009
49252	.05	.001	1.9	.06	.058
49253	.08	.002	1.2	.04	.044
49254	.05	.001	.3	.01	.004
49255	.09	.003	6.8	.20	.163
49256	.09	.003	1.7	.05	.008
49257	.10	.003	.3	.01	.003
49258	.06	.002	1.8	.05	.013

Certified by _____

MIN-EN LABORATORIES

COMP: MINCORD EXPLORATION CONSULT.
PROJ: TAM
ATTN: B.MORTON/G.CURRATT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1341-RJ1
DATE: 90/09/05
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
21689	3.7	38	4128	4	36	44	141
21690	108.0	1	24092	61	29	18	441
21691	5.2	48	7703	37	26	38	248
21692	4.8	38	12687	3	31	510	95
21693	7.2	46	9378	2	33	385	268
21694	7.4	35	9624	2	26	546	216
21695	21.0	28	38307	1	68	312	427
21696	15.2	6	19752	1	37	380	511

COMP: MINCORD EXPL./VARITECH RES.
PROJ: TAM
ATTN: B.MORTON/G.GARRATT/B.COOKE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OV-1341-SJ1+2
DATE: 90/09/09
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
S.L1S-0+50E	1.4	19	108	2	25	177	10
S.L1S-1+00E	2.1	1	581	1	27	151	5
S.L1S-1+50E	1.0	10	108	1	27	94	5
S.L1S-2+00E	.8	1	34	2	19	67	10
S.L1S-2+50E	1.2	9	91	7	35	118	5
S.L1S-3+50E	1.6	1	61	1	51	154	10
S.L1S-4+00E	2.1	1	129	2	73	156	30
S.L1S-4+50E	2.1	7	110	1	32	160	5
S.L2S-0+50E	.7	1	41	2	21	51	5
S.L2S-1+00E	.7	1	47	3	20	97	10
S.L2S-2+00E	.4	1	11	1	16	36	5
S.L2S-2+50E	.6	1	85	2	48	99	5
S.L2S-3+00E	.5	1	30	1	14	95	5
S.L2S-3+50E	.4	1	56	3	25	71	10
S.L2S-4+50E	1.4	9	58	2	26	152	5
S.L2S-0+50W	.6	1	85	2	17	38	190
S.L2S-1+00W	1.5	1	116	11	21	35	5
S.L3S-BL0+00	1.3	7	89	1	14	61	10
S.L3S-0+50E	.8	1	195	7	29	75	5
S.L3S-1+00E	.5	1	87	1	15	63	20
S.L3S-1+50E	.5	1	55	2	15	86	10
S.L3S-2+00E	.3	1	54	5	21	61	5
S.L3S-2+50E	.1	2	25	1	16	46	5
S.L3S-3+00E	.9	1	19	1	18	51	5
S.L3S-3+50E	.9	1	19	2	22	34	5
S.L3S-4+00E	1.2	1	29	2	26	55	5
S.L3S-4+50E	1.7	23	63	3	21	71	5
S.L3S-0+50W	.8	1	175	8	26	74	5
S.L3S-1+00W	.6	1	23	2	14	24	5
S.L3S-1+50W	.8	1	191	11	22	38	5
S.L3S-2+00W	3.8	18	3678	9	32	63	65
S.L3N-BL	2.2	22	303	3	45	144	5
S.L3N-0+50E	1.5	7	78	2	31	38	5
S.L3N-1+00E	1.2	10	131	2	29	79	5
S.L3N-1+50E	.8	1	52	2	35	65	5
S.L3N-2+00E	.9	1	116	2	28	90	5
S.L3N-2+50E	1.2	3	102	3	40	116	10
S.L3N-3+00E	1.3	1	119	1	31	100	5
S.L3N-3+50E	1.6	22	208	2	30	120	5
S.L3N-4+00E	1.4	19	238	1	43	154	5
S.L3N-4+50E	1.5	18	332	2	30	135	5
S.L4S-BL	2.6	8	840	42	36	93	5
S.L4S-0+50E	1.5	27	174	9	22	66	10
S.L4S-1+00E	.7	1	169	3	21	39	5
S.L4S-1+50E	1.0	1	443	7	33	86	5
S.L4S-2+00E	1.0	1	345	6	45	155	5
S.L4S-2+50E	1.1	6	222	5	37	94	5
S.L4S-3+00E	1.6	5	85	1	24	76	5
S.L4S-3+50E	1.6	1	64	5	22	50	5
S.L4S-4+00E	1.7	8	259	6	29	67	5
S.L4S-4+50E	1.0	1	123	11	37	113	10
S.L4S-0+50W	1.2	1	18	4	15	26	5
S.L4S-1+00W	1.5	17	277	6	21	47	5
S.L4S-1+50W	1.8	9	241	19	33	48	5
S.L4S-2+00W	1.0	11	174	8	18	40	5
S.L4S-2+50W	.9	1	160	3	35	213	5
S.L4S-3+00W	1.6	19	336	1	31	121	5
S.L4S-3+50W	1.5	9	864	5	33	229	5
S.L4S-4+00W	1.8	29	147	2	49	119	5
S.L4S-4+50W	.7	19	41	1	14	86	5

COMP: MINCORD EXPL./VARITECH RES.
PROJ: TAM
ATTN: B.MORTON/G.GARRATT/B.COOKE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OV-1341-SJ3+4
DATE: 90/09/09
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
S.L4N-BL	1.1	1	409	8	40	134	10
S.L4N-0+50E	1.0	6	186	8	33	122	10
S.L4N-1+00E	1.1	9	231	3	42	108	5
S.L4N-1+50E	.4	1	71	1	39	88	10
S.L4N-2+00E	.8	1	220	3	38	113	5
S.L4N-2+50E	1.3	3	213	2	24	107	5
S.L4N-3+00E	1.1	1	346	1	40	110	5
S.L4N-3+50E	.9	13	98	1	27	89	5
S.L4N-4+00E	1.2	21	96	1	21	98	5
S.L4N-4+50E	1.2	17	110	1	17	91	5
S.L4N-0+50W	1.4	6	115	2	32	73	10
S.L4N-1+00W	1.4	9	163	3	34	134	5
S.L4N-1+50W	1.2	14	73	2	40	80	5
S.L4N-2+00W	.5	1	38	3	32	57	5
S.L4N-2+50W	1.0	13	201	1	29	169	5
S.L4N-3+00W	.2	1	161	2	39	115	10
S.L4N-3+50W	.5	10	66	1	32	81	5
S.L4N-4+00W	1.1	20	227	2	38	136	5
S.L4N-4+50W	1.2	1	37	2	24	58	10
S.L5S-BL	1.0	19	119	6	19	35	5
S.L5S-BL DUPLICATE	1.4	27	451	1	23	166	5
S.L5S-0+50E	.9	1	72	6	14	43	5
S.L5S-1+00E	1.6	43	420	12	25	89	10
S.L5S-2+00E	.4	1	20	1	17	26	5
S.L5S-2+50E	.5	5	29	1	15	44	5
S.L5S-3+00E	.8	1	145	6	39	96	5
S.L5S-3+50E	1.1	1	131	12	27	36	5
S.L5S-4+00E	.9	1	52	4	24	42	5
S.L5S-4+50E	1.1	8	193	5	31	129	5
S.L5S-1+00W	1.0	1	66	7	19	30	5
S.L5S-1+50W	1.9	21	406	10	26	64	5
S.L5S-2+00W	1.7	12	110	6	30	65	5
S.L5S-2+50W	2.4	1	239	1	24	218	5
S.L5S-3+50W	2.2	19	1153	19	25	166	170
S.L5S-4+00W	1.3	1	312	10	35	410	5
S.L5S-4+50W	1.8	1	619	10	31	354	5
S.L5N-0+50E	.9	25	254	2	17	137	5
S.L5N-1+00E	1.2	18	186	3	15	153	5
S.L5N-1+50E	1.1	13	107	1	32	107	5
S.L5N-2+00E	.5	1	55	1	36	88	5
S.L5N-2+50E	1.6	39	74	1	18	103	5
S.L5N-3+00E	1.5	23	74	1	30	88	5
S.L5N-3+50E	1.7	18	81	1	27	95	5
S.L5N-4+00E	1.6	28	177	1	34	115	5
S.L5N-4+50E	1.5	1	81	1	23	140	5
S.L5N-0+50W	1.4	22	200	2	19	112	5
S.L5N-1+00W	1.3	30	251	3	25	133	5
S.L5N-1+50W	1.1	8	195	4	18	125	10
S.L5N-2+00W	1.4	51	116	1	24	140	10
S.L5N-2+50W	1.0	3	99	1	23	90	5
S.L5N-3+00W	1.4	19	181	11	49	203	10
S.L5N-3+50W	1.4	26	121	7	48	95	5
S.L5N-4+00W	1.1	14	95	2	26	99	5
S.L5N-4+50W	1.2	35	81	3	35	79	5
S.L6S-BL	1.3	1	72	11	23	66	10
S.L6S-0+50E	1.2	2	35	9	17	36	5
S.L6S-1+00E	1.2	2	16	1	9	32	5
S.L6S-1+50E	.7	13	41	11	20	93	5
S.L6S-2+00E	.7	9	86	6	15	41	5
S.L6S-2+50E	.4	1	11	1	13	21	5

COMP: MINCORD EXPL./VARITECH RES.
PROJ: TAM
ATTN: B.MORTON/G.GARRATT/B.COOKE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1341-SJ5+6
DATE: 90/09/09
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
S.L6S-3+00E	.6	1	13	3	33	29	5
S.L6S-3+50E	.6	1	7	1	22	20	5
S.L6S-4+00E	1.0	1	61	9	26	83	5
S.L6S-4+50E	1.1	1	12	1	19	32	5
S.L6S-0+50W	1.3	5	182	18	26	46	5
S.L6S-1+00W	.4	14	295	5	23	56	5
S.L6S-1+50W	1.2	1	25	1	18	79	5
S.L6S-2+00W	1.6	17	199	1	23	88	5
S.L6S-2+50W	1.1	17	303	6	20	72	10
S.L6S-3+00W	.5	1	51	2	18	75	5
S.L6S-3+50W	1.2	27	67	1	18	114	5
S.L6S-4+00W	.4	1	39	1	16	124	5
S.L6S-4+50W	.2	1	62	2	21	105	5
S.L6N-BL	.3	18	211	2	29	119	5A
S.L6N-0+50E	.5	1	175	1	22	136	5
S.L6N-1+00E	.5	1	150	3	26	137	10
S.L6N-1+50E	1.1	13	283	3	26	145	5
S.L6N-2+00E	1.5	6	170	1	38	100	25
S.L6N-2+50E	1.3	32	68	1	17	78	5
S.L6N-3+00E	1.3	34	50	1	18	56	20
S.L6N-3+50E	.9	39	100	1	19	108	5
S.L6N-4+00E	1.0	1	108	1	27	133	5
S.L6N-4+50E	.8	10	57	1	31	114	5
S.L6N-0+50W	1.0	29	261	1	19	155	5
S.L6N-1+00W	.8	9	27	2	19	106	5
S.L6N-1+50W	.8	1	67	3	21	135	5
S.L6N-2+00W	.9	1	49	2	28	155	5
S.L6N-2+50W	1.4	27	104	2	30	167	5
S.L6N-3+00W	1.6	30	247	2	26	153	5
S.L6N-3+50W	1.4	6	133	1	21	117	5
S.L6N-4+00W	1.1	1	106	2	34	130	5
S,L6N-4+50W	.9	1	139	2	32	87	10
S.L7N-0+50E	1.4	1	6092	1	25	290	5
S.L7N-1+00E	.9	2	233	1	12	106	5
S.L7N-1+50E	1.2	1	1367	1	23	136	5
S.L7N-2+00E	1.4	1	236	1	21	83	5
S.L7N-2+50E	1.2	9	192	1	32	84	10
S.L7N-3+00E	1.1	1	163	1	33	88	5
S.L7N-3+50E	.9	18	117	1	16	100	5
S.L7N-4+00E	.4	11	90	1	32	75	5
S.L7N-4+50E	.3	7	115	1	27	97	5
S.L7N-0+50W	.7	15	93	1	38	110	20
S.L7N-1+00W	.2	1	45	1	31	169	5
S.L7N-2+00W	.3	1	31	1	33	205	5
S.L7N-2+50W	.8	1	695	2	28	154	5
S.L7N-3+00W	1.2	15	407	2	27	158	40
S.L7N-3+50W	1.3	25	519	1	28	155	5
S.L7N-4+00W	1.0	17	158	3	34	110	5
S.L7N-4+50W	.6	1	77	1	26	98	10
B.L5S-5+00W	1.9	1	837	32	50	53	45
B.L5S-5+50W	.8	1	140	4	24	108	5
B.L5S-6+00W	.1	1	35	2	12	26	5
B.L5S-6+50W	.9	1	578	8	18	80	10
B.L5S-7+00W	.1	1	66	6	16	45	10
B.L5S-7+50W	.5	1	32	3	20	23	5
B.L8S-0+50E	.7	1	30	3	19	30	5
B.L8S-1+00E	.4	1	13	1	14	16	10
B.L8S-1+50E	.2	1	17	3	16	24	5
B.L8S-2+00E	.1	1	28	2	13	27	5
B.L8S-2+50E	.6	22	92	37	24	116	5

COMP: MINCORD EXPL./VARITECH RES.
PROJ: TAM
ATTN: B.MORTON/G.GARRATT/B.COOKE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1341-SJ7+8
DATE: 90/09/09
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
B.L8S-3+00E	1.5	11	68	6	49	91	5
B.L8S-3+50E	1.8	16	70	7	26	51	5
B.L8S-4+00E	1.9	23	34	3	27	40	10
B.L8S-4+50E	1.1	27	22	2	22	27	20
B.L8S-3+00W	1.4	42	88	3	27	50	25
B.L8S-3+50W	1.0	22	26	3	14	31	25
B.L8S-4+00W	.8	8	62	3	21	56	55
B.L8S-4+50W	.4	5	65	2	22	65	40
B.L9S-0+50E	.6	1	25	3	17	30	5
B.L9S-1+00E	.4	4	40	3	20	33	15
B.L9S-1+50E	.3	10	55	4	26	43	40
B.L9S-2+00E	1.1	47	76	9	26	136	5
B.L9S-2+50E	2.0	13	11	1	9	100	5
B.L9S-3+00E	.9	15	83	5	21	58	5
B.L9S-3+50E	1.0	48	147	6	41	88	10
B.L9S-4+00E	.7	34	136	4	20	55	55
B.L9S-4+50E	1.1	20	44	3	16	75	5
B.L10S-0+50E	.9	18	75	7	21	76	10
B.L10S-1+00E	2.0	16	449	17	52	130	110
B.L10S-1+50E	.4	19	383	31	46	227	50
B.L10S-2+00E	1.2	43	76	1	10	96	5
B.L10S-2+50E	.1	1	41	6	19	40	15
B.L10S-3+00E	.5	24	97	5	18	81	5
B.L10S-3+50E	.7	32	146	4	16	78	5
B.L10S-4+00E	.8	1	58	4	18	40	30
B.L10S-4+50E	1.2	50	53	3	11	60	5
B.L10S-1+00W	.6	23	44	3	27	38	5
B.L10S-1+50W	1.2	12	84	4	18	63	15
B.L10S-2+00W	.6	24	94	5	28	80	20
B.L10S-2+50W	.1	1	69	5	20	56	10
B.L10S-3+00W	.7	1	36	11	35	60	15
B.L10S-3+50W	.5	5	37	5	30	69	5
B.L10S-4+00W	.3	18	13	3	21	123	5
B.L10S-4+50W	.3	1	21	2	17	43	5
B.L11S-0+50E	.8	1	48	3	17	54	10
B.L11S-1+00E	1.9	24	115	8	30	88	5
B.L11S-1+50E	.8	1	89	7	27	65	5
B.L11S-2+00E	.7	21	101	5	33	68	5
B.L11S-2+50E	1.0	34	98	13	23	75	10
B.L11S-3+00E	.5	3	57	3	22	31	5
B.L11S-3+50E	.4	16	205	3	32	69	5
B.L11S-4+00E	.2	1	63	3	25	50	5
B.L11S-4+50E	.7	27	191	9	17	80	5
B.L11S-0+50W	.2	1	50	5	25	84	5
B.L11S-1+00W	.9	14	63	5	20	32	5
B.L11S-1+50W	.9	1	55	5	21	39	10
B.L11S-2+00W	.9	16	139	5	23	78	5
B.L11S-2+50W	1.2	1	45	4	15	31	5
B.L11S-3+00W	1.7	12	49	5	18	23	10
B.L11S-3+50W	1.3	30	242	16	40	126	25
B.L11S-4+00W	.7	11	35	6	24	68	15
B.L11S-4+50W	.6	20	46	10	23	97	35
B.L12S-0+50E	.5	11	319	19	38	109	40
B.L12S-1+00E	.1	15	41	4	25	52	5
B.L12S-1+50E	.1	32	56	5	20	46	5
B.L12S-2+00E	.7	20	95	5	20	52	5
B.L12S-2+50E	.6	31	82	4	25	53	5
B.L12S-3+00E	.8	39	126	3	22	52	10
B.L12S-3+50E	1.3	10	38	2	16	27	5
B.L12S-4+00E	.6	3	82	7	30	101	5

COMP: MINCORD EXPL./VARITECH RES.
PROJ: TAM
ATTN: B.MORTON/G.GARRATT/B.COOKE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1341-SJ9+10
DATE: 90/09/09
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
B.L12S-4+50E	.8	22	86	5	22	56	5
B.L12S-0+50W	.8	3	110	16	34	101	80
B.L12S-1+00W	10.7	1	528	69	109	249	2900
B.L12S-1+50W	.4	1	215	12	36	117	110
B.L12S-2+00W	.1	1	66	6	22	71	10
B.L12S-2+50W	1.3	22	396	6	39	194	60
B.L12S-3+50W	.6	15	112	6	15	58	40
B.L12S-4+00W	2.4	14	180	6	27	123	120
B.L12S-4+50W	.6	15	27	3	21	61	20
B.L13S-0+50E	.8	26	43	4	17	70	5
B.L13S-1+00E	.4	47	75	5	17	74	50
B.L13S-1+50E	.3	5	69	5	12	55	5
B.L13S-2+00E	.8	2	91	4	16	57	5
B.L13S-2+50E	.8	33	55	6	17	64	5
B.L13S-3+00E	.6	3	136	4	16	72	5
B.L13S-3+50E	.4	15	69	8	19	54	5
B.L13S-4+00E	.8	27	89	32	34	93	5
B.L13S-4+50E	.5	15	35	4	14	39	5
B.L13S-0+50W	2.5	5	193	271	80	121	275
B.L13S-1+00W	1.5	28	134	34	57	148	20
B.L13S-1+50W	.7	1	66	13	15	55	5
B.L13S-2+00W	.9	21	123	25	38	75	10
B.L13S-2+50W	4.0	67	459	9	271	71	300
B.L13S-3+00W	1.7	3	663	23	50	83	200
B.L13S-3+50W	1.4	1	753	23	34	76	400
B.L13S-4+00W	1.0	21	480	17	41	73	200
B.L13S-4+50W	1.7	10	298	7	19	128	60
B.L14S-0+50E	.7	8	50	5	14	47	10
B.L14S-1+00E	.5	10	94	8	21	67	5
B.L14S-1+50E	.2	26	71	8	15	59	5
B.L14S-2+00E	1.3	12	51	11	34	72	10
B.L14S-2+50E	.9	26	74	5	20	55	10
B.L14S-3+00E	.9	28	91	6	17	62	5
B.L14S-3+50E	.9	23	82	6	17	59	5
B.L14S-4+00E	.6	7	67	9	14	63	5
B.L14S-4+50E	.4	4	72	4	20	58	5
B.L14S-0+50W	.4	1	28	4	13	40	5
B.L14S-1+00W	.9	4	283	26	126	127	150
B.L14S-1+50W	1.1	25	199	16	45	84	35
B.L14S-4+00W	1.5	27	533	6	34	39	130
T#27	2.3	46	549	12	33	127	5
T#28	1.8	37	247	5	36	102	40
T#29	1.2	44	267	28	21	55	5
T#30	1.0	61	545	10	34	72	5

COMP: VARITECH
PROJ: TAM
ATTN: B.COOK/P.PETO/G.GARRETT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0440-SJ2
DATE: 90/09/08
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
L0+00S 0+50W	1.6	18	239	10	46	93	5
L0+00S 1+00W	1.6	15	81	2	31	98	10
L0+00S 1+50W	1.5	1	67	1	37	63	5
L0+00S 2+00W	.9	9	45	3	34	41	5
L0+00S 2+50W	1.3	7	53	1	38	126	5
L0+00S 3+00W	.9	15	23	1	26	46	5
L0+00S 3+50W	1.4	1	50	1	28	56	5
L0+00S 4+00W	.9	13	22	1	18	31	5
L0+00S 4+50W	1.4	28	122	3	24	32	10
L1+00S 0+50W	.9	1	44	1	22	67	5
L1+00S 1+00W	4.6	1	4902	3	31	459	200
L1+00S 2+00W	.6	14	109	6	29	50	5
L1+00S 2+50W	.6	5	120	3	42	71	5
L1+00S 3+00W	1.4	22	193	11	38	114	10
L1+00S 3+50W	.8	1	64	9	22	76	5
L1+00S 4+00W	.9	1	220	10	52	358	5
L1+00S 4+50W	.8	18	35	1	19	38	5
BL 1+00S	1.3	1	61	1	26	147	5
L0+00N 1+00E	2.3	9	94	1	26	166	5
L0+00S 1+00E	1.4	33	101	1	21	207	5

COMP: MINCORD EXPLORATION
PROJ: TAM
ATTN: G.GARRETT/B.KAHLERT/B.COOKE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0669-SJ6+7
DATE: 90/10/16
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
S BL L1N 0+00W	1.2	1	42	2	35	51	3
S BL L1N 0+50W	1.5	1	93	1	22	51	1
S BL L1N 1+00W	1.3	1	172	14	62	166	10
S BL L1N 1+50W	1.4	1	60	1	24	49	12
S BL L1N 2+00W	1.6	1	61	1	23	50	3
S BL L1N 2+50W	1.5	1	48	1	22	61	21
S BL L1N 3+00W	1.1	1	33	1	26	45	20
S BL L1N 3+50W	.9	1	26	1	19	52	10
S BL L1N 4+00W	1.0	1	22	1	15	40	12
S BL L1N 4+50W	1.1	1	24	1	21	44	3
S L2N 1+00W	1.2	1	32	1	21	36	1
S L2N 1+50W	1.7	1	79	1	36	79	52
S L2N 2+00W	.9	1	110	1	25	86	1
S L2N 2+50W	.9	1	134	5	20	105	32
S L2N 3+00W	2.1	1	655	1	45	229	23
S L2N 3+50W	1.0	1	131	1	30	86	13
S L2N 4+00W	1.2	1	58	1	25	68	1
S L2N 4+50W	.7	1	33	1	26	57	8
SBL L3N 0+00W	2.1	1	331	1	30	164	2
SBL L3N 0+50W	1.2	1	29	1	32	32	27
SBL L3N 1+00W	1.5	1	45	3	37	64	1
SBL L3N 1+50W	1.6	1	44	1	30	63	2
SBL L3N 2+00W	1.0	1	39	1	34	52	1
SBL L3N 2+50W	1.1	1	58	1	30	68	1
SBL L3N 3+00W	.9	1	50	1	38	56	2
SBL L3N 3+50W	.9	1	59	1	33	94	3
SBL L3N 4+00W	.7	1	38	1	17	41	1
SBL L3N 4+50W	1.3	1	245	1	23	121	2
BL L15S 0+00W	.4	1	141	2	36	68	30
BL L15S 0+50W	.2	1	116	7	21	56	32
BL L15S 1+00W	1.1	1	211	7	29	73	1
BL L15S 1+50W	.6	1	63	3	32	36	1
BL L15S 2+00W	.9	1	108	35	57	55	82
BL L15S 2+50W	1.5	1	328	48	62	33	108
BL L15S 3+00W	1.0	1	126	36	41	38	92
BL L15S 3+50W	.5	1	147	12	38	32	50
BL L15S 4+00W	.9	1	152	2	39	78	20
BL L15S 4+50W	.7	1	105	5	28	61	52
BL L15S 5+00W	.7	1	34	2	26	35	18
BL L15S 5+50W	.9	1	30	1	26	73	1
BL L15S 6+00W	.1	1	23	1	33	41	1
BL L15S 6+50W	.2	1	31	1	24	56	1
BL L15S 7+00W	.3	1	18	3	26	31	1
BL L15S 7+50W	.2	1	19	1	27	32	3
BL L16 0+00W	.6	1	51	7	26	32	2
BL L16 0+50W	1.0	1	154	1	23	83	15
BL L16 1+00W	1.1	1	95	7	30	57	20
BL L16 1+50W	1.9	1	93	13	36	54	19
BL L16 2+00W	1.2	1	319	7	32	104	51
BL L16 2+50W	.1	1	41	7	23	23	64
BL L16 3+00W	.6	1	54	9	20	27	74
BL L16 3+50W	.6	3	317	38	32	60	64
BL L16 4+00W	.9	1	109	11	39	40	260
BL L16 4+50W	.3	1	76	40	28	47	31
BL L16 5+00W	.5	1	56	5	23	53	21
BL L16 5+50W	.1	1	49	2	41	42	1
BL L16 6+00W	.5	1	32	1	18	49	1
BL L16 6+50W	.2	1	17	1	27	34	1
BL L16 7+00W	.1	1	21	1	36	42	2
BL L16 7+50W	.3	1	17	1	20	34	1

COMP: MINCORD EXPLORATION
PROJ: TAM
ATTN: G.GARRETT/B.KAHLERT/B.COOKE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0669-SJ8
DATE: 90/10/16
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
SL9N 0+00W	1.9	1	84	1	57	123	20
SL9N 0+50W	2.0	1	1538	1	41	191	45
SL9N 1+00W	2.9	1	257	1	27	127	1
SL9N 1+50W	2.3	1	1265	1	60	162	37
SL9N 2+00W	1.5	1	104	1	48	128	1
SL9N 2+50W	1.4	1	100	4	40	115	1
SL9N 3+00W	1.3	1	296	1	43	125	1
SL9N 3+50W	1.7	1	431	4	68	164	35
SL9N 4+00W	1.0	1	398	7	37	134	1
SL9N 4+50W	1.6	1	198	1	33	96	2
S L9N 0+50E	1.3	1	91	1	39	123	6
S L9N 1+00E	1.7	1	75	1	21	123	17
S L9N 1+50E	2.2	1	198	1	15	111	2
S L9N 2+00E	1.6	1	177	1	27	101	20
S L9N 2+50E	1.4	1	101	1	38	84	31

COMP: VARITECH
PROJ: TAM
ATTN: BRAD COOK/ P.PETO, G. GARRET

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0668-SJ2+3
DATE: 90/10/14
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
BL1+00S 5+00W	1.5	13	12	2	27	17	10
BL1+00S 5+50W	1.2	3	8	1	14	12	10
BL1+00S 6+00W	1.2	1	8	1	20	23	5
BL1+00S 6+50W	.9	1	11	1	16	20	5
BL1+00S 7+00W	.7	1	14	1	11	18	10
BL1+00S 7+50W	.5	1	8	1	7	14	10
S-L2N 0+50E	1.3	1	69	2	40	47	5
S-L2N 1E	.9	1	52	1	27	57	5
S-L2N 1+50E	1.4	1	56	3	31	88	10
S-L2N 2E	1.6	1	50	1	34	84	5
S-L2N 2+50E	1.9	1	184	1	29	117	5
S-L2N 3E	1.2	1	131	1	48	98	5
S-L2N 3+50E	1.9	1	106	1	33	99	10
S-L2N 4E	1.9	1	227	1	28	102	10
S-L2N 4+50E	1.4	1	57	1	36	79	5
BL2S 4+50W	1.2	1	57	1	29	37	5
BL2S 5+00W	.9	1	38	1	26	21	5
BL2S 5+50W	.9	4	15	2	18	15	10
BL2S 6+00W	.8	1	24	1	17	24	10
BL2S 6+50W	1.4	1	20	1	15	27	5
BL2S 7+00W	.8	1	14	1	14	17	20
BL2S 7+50W	1.0	1	11	1	13	12	15
BL3S 5+00W	2.0	2	11	1	11	8	5
BL3S 5+50W	.8	1	46	3	28	31	10
BL3S 6+00W	1.0	3	9	1	13	16	10
BL3S 6+50W	.6	1	18	2	16	20	5
BL3S 7+00W	.5	17	9	2	17	12	20
BL3S 7+50W	.4	2	13	1	15	29	5
BL4S 5+00W	1.7	1	737	7	44	64	35
BL4+00S 6+00W	1.0	1	39	14	29	50	10
BL4+00S 6+50W	.8	1	30	8	15	25	10
BL4+00S 7+00W	1.0	1	34	3	26	53	5
BL4+00S 7+50W	.8	4	118	21	29	52	10

MIN-EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

OV-0985-RG1

Company: VARITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-27-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RES., VANCOUVER, B.C.

He hereby certify the following Geochemical Analysis of 24 CORE samples submitted JUL-23-90 by P.PETO.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM
21501	40	3.8	
21502	62	21.0	
21503	41	9.3	
21504	57	3.0	
21505	20	0.7	78
21506	32	0.9	585
21507	18	0.5	11
21508	NO	SAMPLE	
21509	1	0.5	94
21510	3	0.7	473
21511	120	4.0	6300
21512	290	4.9	7150
21513	124	1.6	2310
21514	32	1.7	2600
21515	80	21.8	3350
21516	960	6.8	4170
21517	37	0.7	28
21518	5	1.3	1320
21519	67	2.6	3100
21520	75	3.2	3740
21521	56	3.3	3060
21522	76	3.5	3050
21523	50	2.3	1730
21524	140	0.7	107

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OV-0985-RA1

Company: VARITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-28-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RES., VANCOUVER, B.C.

He hereby certify the following Assay of 30 ROCK samples submitted JUL-23-90 by P.PETO.

Sample Number	CU %
21501	.303
21502	3.120
21503	1.795
21504	.418
21511	.770
21512	.840
21515	.348
21516	.421
21519	.326
21520	.390
21521	.318
21522	.312
21568	.732
21572	.310
21574	.211
21575	.960
21576	1.125
21577	.841
21578	.425
21580	.575
21581	.660
21582	.690
21583	.461
21584	.420
21591	.223
21594	.450
21595	.371
21596	.300
21597	1.155
21598	.505

Certified by _____

MIN-EN LABORATORIES

• EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

OV-0985-RG2

Company: VARITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-26-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RES., VANCOUVER, B.C.

He hereby certify the following Geochemical Analysis of 24 CORE samples submitted JUL-23-90 by P.PETO.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM
21525	1	0.7	131
21526	5	0.7	223
21527	160	1.4	72
21528	2	0.8	43
21529	1	1.0	442
21530	2	0.8	226
21531	5	1.0	382
21532	43	0.5	48
21533	120	0.8	67
21534	350	1.6	56
21535	40	0.7	32
21536	60	0.8	21
21537	205	1.0	52
21538	280	1.4	71
21539	310	0.8	17
21540	632	0.6	33
21541	2	0.8	814
21542	1	0.7	42
21543	2	0.8	150
21544	1	1.0	211
21545	2	1.3	42
21546	50	1.9	421
21547	2	0.4	131
21548	1	0.6	35

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

OV-0985-RG3

Company: VARITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-28-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RES., VANCOUVER, B.C.

He hereby certify the following Geochemical Analysis of 24 CORE samples submitted JUL-23-90 by P.PETO.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM
21549	1	0.4	13
21550	2	0.4	20
21551	1	0.4	16
21552	3	0.2	73
21553	1	0.6	297
21554	2	0.7	191
21555	2	0.6	226
21556	1	0.6	93
21557	4	0.8	530
21558	2	0.6	14
21559	1	0.5	18
21560	2	0.9	121
21561	1	0.7	206
21562	3	1.1	1000
21563	2	1.2	985
21564	5	1.5	1495
21565	1	0.8	550
21566	2	1.4	2280
21567	4	1.6	2550
21568	2	3.8	7350
21569	1	1.1	2430
21570	5	1.4	2220
21571	2	1.5	2410
21572	1	1.7	3050

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

OV-0985-RG4

Company: VARITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-28-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RES., VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 24 CORE samples submitted JUL-23-90 by P.PETO.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM
21573	1	1.0	595
21574	2	1.6	
21575	3	6.6	
21576	40	9.6	
21577	2	7.4	
21578	2	5.4	
21579	1	1.5	1500
21580	3	3.2	
21581	125	3.2	
21582	57	5.7	
21583	60	3.0	
21584	17	3.0	4200
21585	408	14.0	245
21586	2	1.2	1210
21587	40	1.2	1040
21588	3	0.8	725
21589	2	1.1	1120
21590	1	0.6	210
21591	25	1.6	
21592	4	1.4	1050
21593	1	1.2	1150
21594	3	2.1	
21595	215	2.2	
21596	27	2.0	

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

OV-0985-RG5

Company: VARITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-28-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RES., VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 24 CORE samples submitted JUL-23-90 by P.PETO.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM
21597	44	5.7	
21598	3	2.4	
21599	2	3.2	
21600	87	5.2	
21601	1	3.0	
21602	2	1.6	
21603	80	5.6	
21604	40	3.8	
21605	7	2.2	
21606	2	3.8	
21607	4	5.0	
21608	99	5.3	
21609	10	4.0	
21610	12	1.9	1850
21611	2	1.4	1900
21612	1	1.5	1460
21613	2	2.0	3250
21614	3	3.9	
21615	4	3.4	
21616	2	1.6	1670
21617	1	3.0	
21618	22	3.8	
21619	1	0.4	405
21620	3	4.2	

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OV-0985-RA2

Company: VARITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-28-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RES., VANCOUVER, B.C.

We hereby certify the following Assay of 26 SOIL samples submitted JUL-23-90 by P.PETO.

Sample Number	CU %
21599	.780
21600	1.088
21601	.430
21602	.247
21603	.765
21604	.371
21605	.332
21606	.513
21607	.670
21608	.463
21609	.675
21613	.335
21614	.272
21615	.502
21617	.424
21618	.730
21620	.574
21621	.216
21622	.590
21623	.413
21624	.621
21625	.995
21626	.905
21627	.231
21628	1.780
21629	.061

Certified by _____

MIN-EN LABORATORIES

MIN-EN
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

OV-0985-RG6

Company: VARITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-28-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RES., VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 10 CORE samples submitted JUL-23-90 by P.PETO.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM
21621	3	1.4	
21622	2	3.8	5750
21623	3	3.9	
21624	1	4.0	9650
21625	1	5.2	
21626	4	4.7	
21627	2	1.5	
21628	60	19.7	
21629	7	1.8	
21630	2	0.5	70

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8956
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

OV-0996-RG1

Company: VERITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-30-90
Copy 1. VERITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RESOURCES, VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 30 CORE samples submitted JUL-24-90 by P.PETO.

OK

Sample Number	AU-FIRE PPB	AG PPM	CU PPM
21631	128	8.0	
21632	170	9.6	
21633	180	14.0	
21634	173	13.1	
21635	68	9.5	
21636	70	7.3	
21638	26	5.3	
21639	237	14.3	
21640	522	12.0	
21641	239	21.6	
21642	139	5.4	
21643	272	7.2	
21644	68	4.0	
21645	40	1.3	
21646	3	0.3	
21647	30	3.3	4950
21648	101	2.0	2300
21649	37	4.8	
21650	166	4.0	
21651	160	5.1	
21652	173	3.1	
21653	21	2.0	3150
21654	34	1.1	3950
21655	83	3.1	
21656	21	0.3	
21657	348	7.3	
21658	130	1.2	
21659	61	7.8	
21660	160	17.1	
21661	91	18.0	

Certified by _____

MIN-EN LABORATORIES

MIN
• EN
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621
THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931
SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OV-0996-RA1

Company: VERITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-30-90
Copy 1. VERITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of samples submitted JUL-24-90 by P.PETO.

Sample Number	CU %
21631	1.275
21632	1.715
21633	2.300
21634	2.390
21635	1.515
21636	1.110
21638	.958
21639	2.790
21640	1.840
21641	1.835
21642	.860
21643	1.200
21644	.690
21645	.300
21646	.001
21649	.681
21650	.653
21651	.810
21652	1.110
21655	.600
21656	.324
21657	.803
21658	.137
21659	.907
21660	2.230
21661	2.600
21662	1.055

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

OV-0996-RG2

Company: VERITECH
Project: TAM
Attn: B.COOKE/B.KAHLERT

Date: JUL-30-90
Copy 1. VERITECH, VANCOUVER, B.C.
2. MAJOR GENERAL RESOURCES, VANCOUVER, B.C.

He hereby certify the following Geochemical Analysis of 4 CORE samples submitted JUL-24-90 by P.PETO.

Sample Number	AU-FIRE PPB	AG PPM	CU PPM
21662	59	6.0	
21663	58	2.6	3150
21664	89	3.2	5900
21665	27	0.8	880

Certified by _____

MIN-EN LABORATORIES

COMP: MINCORD EXPLORATION
PROJ: TAM HAHA CREEK
ATTN: P.PETO

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0618-RJ1+2
DATE: 90/10/07
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
49001	2.8	45	469	3	45	100	5
49002	1.8	33	298	2	36	84	10
49003	1.6	15	192	4	32	99	25
49004	3.5	2	414	141	53	70	120
49005	1.1	25	363	10	36	79	40
49006	1.3	1	230	12	27	112	50
49007	5.9	1	510	1	237	577	170
49008	.8	10	120	5	23	42	5
49009	1.8	6	84	1	42	136	5
49010	1.5	5	480	1	26	120	5
49011	.9	9	73	1	26	96	10
49012	.7	14	80	1	18	37	20
49013	3.4	34	3620	3	24	305	25
49014	5.4	1	6431	7	28	356	120
49015	5.7	6	7979	1	26	347	35
49016	3.7	1	3418	4	24	102	15
49017	1.3	1	421	1	21	122	20
49018	1.5	18	249	1	30	53	85
49019	.6	1	67	1	17	47	5
49020	.7	1	811	1	44	47	255
49021	.4	3	153	2	22	66	25
49022	2.2	25	1380	1	22	64	45
49023	1.9	3	933	2	30	24	40
49024	1.7	24	1502	1	19	26	55
49025	.9	10	306	2	14	19	15
49026	1.5	8	82	2	22	84	55
49027	1.0	17	40	1	24	88	5
49028	1.1	17	83	3	18	68	5
49029	.6	6	105	1	17	45	5
49030	2.6	57	2560	2	26	158	10
49031	3.8	16	1862	2	37	93	30
49032	1.9	38	306	1	27	92	5
49033	1.7	45	170	1	18	65	5
49034	1.3	31	38	2	19	23	10
49035	1.0	35	62	2	17	47	5
49036	1.0	36	63	1	23	106	10
49037	1.0	20	24	16	15	12	5
49038	1.0	43	270	1	17	22	10
49039	1.0	1	282	1	18	129	5
49040	1.9	8	609	7	28	104	5
49041	1.0	2	66	1	24	74	5
49042	2.1	1	43	16	30	107	5
49043	2.6	19	87	2	98	85	80
49044	3.8	27	14	9	147	53	300
49045	.8	10	14	3	26	63	5
49046	.5	36	87	1	18	35	5
49047	.7	25	139	1	20	46	5
49048	.6	21	17	1	25	66	10
49049	.6	50	382	1	17	57	5
49050	.5	20	68	3	15	29	5
49051	2.0	28	171	4	133	17	10
49052	1.1	29	44	440	64	8	45
49053	2.8	58	82	1473	84	104	135
49054	6.6	13	63	51	473	78	60
49055	2.4	12	258	23	39	157	155
49056	1.0	32	29	11	28	89	15
49057	.3	16	15	3	14	26	5
49058	.8	24	11	2	19	50	5
49059	.8	27	8	2	23	46	5
49060	.5	5	19	4	20	67	10

COMP: MINCORD EXPLORATION
PROJ: TAM HAHA CREEK
ATTN: P.PETO

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0618-RJ3
DATE: 90/10/07
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
49061	2.6	29	14	2	34	97	5
49062	1.8	29	17	2	25	63	5
49063	1.3	29	106	2	19	65	5
49064	1.8	32	79	8	44	138	80
49065	1.0	32	24	3	19	97	5
49066	.6	21	15	1	14	34	5
49067	.8	18	14	2	14	17	5
49068	1.2	14	6	2	23	75	5
49069	1.1	9	24	4	23	30	5
49070	4.6	51	61	568	85	83	340
49071	1.1	43	141	18	28	62	10
49072	.9	24	15	11	22	65	5
49073	.7	26	7	5	22	66	5
49074	.8	3	10	3	28	105	5
49075	1.0	45	38	1	17	39	5

COMP: MINCORD EXPLORATION
PROJ: TAM HAHA CREEK
ATTN: P.PETO

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0618-SJ4+5
DATE: 90/10/07
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
BL 0+00N	1.6	1	116	2	36	62	5
L0+00N 0+50E	1.8	1	224	1	29	210	5
L0+00N 1+00E	3.2	1	239	1	36	185	5
L0+00N 1+50E	2.0	1	225	1	36	257	10
L0+00N 2+00E	2.4	1	283	5	93	141	10
L0+00N 2+50E	.9	1	54	4	44	107	5
L0+00N 3+00E	1.0	1	62	1	36	115	5
L0+00N 4+00E	1.3	1	39	1	47	116	5
L0+00N 4+50E	1.4	1	39	1	23	91	5
BL 1+00N	1.3	1	50	1	28	62	5
L1N 0+50E	1.2	1	48	1	29	73	50
L1N 1+00E	1.5	1	13	1	19	26	5
L1N 1+50E	1.2	1	57	1	28	80	5
L1N 2+00E	1.0	1	61	1	31	134	10
L1N 2+50E	1.4	1	106	1	20	84	5
L1N 3+00E	2.3	1	113	1	25	113	5
L1N 3+50E	1.5	1	52	1	22	112	5
L1N 4+50E	1.2	1	45	1	20	103	10
BL2N 0+00W	.9	1	64	1	20	60	5
BL2N 0+50W	1.0	1	31	2	21	40	5
BL2N 1+50W	3.8	1	1757	4	28	96	30
BL2N 2+00W	1.9	1	381	4	47	842	10
BL2N 2+50W	.7	1	92	4	28	123	5
BL2N 3+00W	.7	1	72	2	34	95	10
BL2N 3+50W	1.2	1	315	26	58	123	10
BL2N 4+00W	1.4	1	85	1	41	149	5
L2S 4+50W	1.2	1	34	1	19	55	5
L3S 2+00W	4.1	1	3397	18	32	92	95
L3S 2+50W	1.0	1	348	9	34	172	5
L3S 3+00W	.9	1	153	3	17	165	5
LN3S 3+50W	2.0	1	98	3	31	58	5
LN3S 4+00W	1.3	1	33	3	23	41	5
LN3S 4+50W	1.0	1	79	2	27	39	5

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA4

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

We hereby certify the following Assay of 30 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG g/tonne	AG oz/ton	CU %
49076	.05	.001	0.8	.02	.050
49077	.04	.001	0.4	.01	.012
49078	.06	.002	1.6	.05	.007
49079	.04	.001	1.2	.04	.010
49080	.07	.002	0.6	.02	.018
49081	.05	.001	0.3	.01	.007
49082	.05	.001	1.7	.05	.006
49083	.04	.001	0.4	.01	.006
49084	.03	.001	0.2	.01	.001
49085	.05	.001	0.3	.01	.004
49086	.05	.001	0.3	.01	.010
49087	.04	.001	0.2	.01	.005
49088	.04	.001	0.4	.01	.013
49089	.05	.001	0.5	.01	.014
49090	.07	.002	0.2	.01	.004
49091	.04	.001	0.4	.01	.002
49092	.06	.002	0.4	.01	.032
49094	.05	.001	0.6	.02	.013
49102	.05	.001	0.9	.03	.096
49103	.06	.002	1.8	.05	.165
49104	.07	.002	1.2	.04	.066
49105	.07	.002	1.6	.05	.020
49106	.05	.001	1.8	.05	.015
49107	.06	.002	1.7	.05	.030
49108	.07	.002	2.2	.06	.061
49109	.05	.001	0.4	.01	.014
49110	.03	.001	0.3	.01	.002
49111	.04	.001	0.5	.01	.014
49112	.03	.001	0.8	.02	.018
49113	.05	.001	1.3	.04	.015

Certified by

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA5

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

He hereby certify the following Assay of 6 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG g/tonne	AG oz/ton	CU %
49114	.19	.006	2.8	.08	.052
49115	.09	.003	6.2	.18	.364
49116	.03	.001	1.5	.04	.058
49117	.04	.001	0.6	.02	.039
49118	.08	.002	3.7	.11	.004
49119	.03	.001	1.4	.04	.004

Certified by _____

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA1

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

We hereby certify the following Assay of 26 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG oz/ton	AG oz/ton	CU %
49093	.09	.003	0.6	.02	.029
49095	.14	.004	2.2	.06	.002
49096	.40	.012	0.5	.01	.006
49097	.20	.006	0.3	.01	.078
49098	.29	.008	2.1	.06	.015
49099	.06	.002	0.4	.01	.014
49100	.09	.003	1.3	.04	.018
49101	.09	.003	4.1	.12	0452
49120	.09	.003	6.0	.18	.900
49121	.11	.003	4.2	.12	.625
49122	.09	.003	7.8	.23	.880
49123	.04	.001	0.7	.02	.015
49124	.04	.001	0.4	.01	.006
49125	.04	.001	0.3	.01	.014
49126	.10	.003	0.2	.01	.016
49127	.06	.002	0.3	.01	.013
49128	.09	.003	0.5	.01	.021
49129	.20	.006	1.7	.05	.008
49130	.35	.010	0.6	.02	.008
49131	.09	.003	0.4	.01	.019
49132	.09	.003	0.3	.01	.013
49133	.40	.012	1.9	.06	.018
49134	.09	.003	0.2	.01	.022
49135	.06	.002	0.2	.01	.007
49136	.04	.001	0.2	.01	.001
49137	.06	.002	0.2	.01	.002

Certified by

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS - ASSAYERS - ANALYSTS - GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA2

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

We hereby certify the following Assay of 23 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG oz/ton	AG oz/ton	CU %
49138	.03	.001	0.6	.02	.002
49139	.07	.002	0.2	.01	.001
49140	.03	.001	0.4	.01	.001
49141	.08	.002	0.5	.01	.001
49142	.04	.001	0.2	.01	.003
49143	.04	.001	0.2	.01	.002
49144	.04	.001	1.7	.05	.002
49145	.04	.001	1.6	.05	.001
49146	.05	.001	1.3	.04	.003
49147	.23	.007	2.4	.07	.008
49148	.04	.001	0.8	.02	.024
49149	.07	.002	0.5	.01	.002
49150	.05	.001	0.6	.02	.012
49151	.04	.001	0.2	.01	.001
49152	.15	.004	1.7	.05	.005
49153	.17	.005	11.4	.33	.720
49154	.05	.001	1.8	.05	.154
49155	.04	.001	2.3	.07	.016
49156	.04	.001	0.3	.01	.004
49157	.04	.001	0.2	.01	.002
49158	.18	.005	1.8	.05	.443
49159	.09	.003	1.9	.06	.760
49160	.06	.002	0.7	.02	.074

Certified by _____

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ARSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0668-RA1

Company: VARITECH
Project: TAM
Attn: BRAD COOK/ P.PETO, G. GARRETT

Date: OCT-13-90
Copy 1. VARITECH, VANCOUVER, B.C.
2. MINCORD, C/O TUNDRA, SMITHERS, B.C.

We hereby certify the following Assay of 27 ROCK samples submitted OCT-12-90 by MINCORD.

Sample Number	AU g/tonne	AU oz/ton	AG g/tonne	AG oz/ton	CU %
49161	.06	.002	5.7	.17	.115
49162	.06	.002	1.6	.05	.021
49163	.09	.003	1.8	.05	.034
49164	.10	.003	1.7	.05	.032
49165	.04	.001	1.4	.04	.010
49166	.09	.003	2.0	.06	.096
49167	.04	.001	1.2	.04	.010
49168	.12	.004	3.4	.10	.154
49169	.05	.001	2.0	.06	.012
49170	.09	.003	2.1	.06	.038
49171	.04	.001	1.2	.04	.006
49214	.05	.001	1.5	.04	.004
49215	.04	.001	.5	.01	.003
49216	.04	.001	1.3	.04	.045
49217	.40	.012	4.9	.14	.356
49218	.05	.001	.6	.02	.020
49219	.30	.009	5.8	.17	.194
49220	.12	.004	4.7	.14	.420
49221	.05	.001	.6	.02	.008
49251	.04	.001	1.1	.03	.009
49252	.05	.001	1.9	.06	.058
49253	.08	.002	1.2	.04	.044
49254	.05	.001	.3	.01	.004
49255	.09	.003	6.8	.20	.163
49256	.09	.003	1.7	.05	.008
49257	.10	.003	.3	.01	.003
49258	.06	.002	1.8	.05	.013

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OS-0669-RA3

Company: MINCORD EXPLORATION
Project: TAM
Attn: G.GARRETT/B.KAHLERT/B.COOKE

Date: OCT-16-90
Copy 1. MINCORD EXPLORATION, VANCOUVER, B.C.
2. VERITECH, VANCOUVER, B.C.

He hereby certify the following Assay of 13 ROCK samples submitted OCT-10-90 by G.GARRETT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	AG g/tonne	AG oz/ton	CU %
49201	.03	.001	1.3	.04	.005
49202	.03	.001	0.2	.01	.004
49203	.04	.001	0.4	.01	.104
49204	.13	.004	0.6	.02	.013
49205	.14	.004	1.3	.04	.158
49206	.70	.020	9.7	.28	.016
49207	.16	.005	3.8	.11	.008
49208	.03	.001	7.9	.23	.164
49209	.03	.001	0.4	.01	.004
49210	.02	.001	3.0	.09	.002
49211	.07	.002	1.7	.05	.122
49212	.59	.017	4.2	.12	.019
49213	.06	.002	1.6	.05	.003

Certified by

COMP: MINCORD RES/MAJOR GENERAL
PROJ: TAM
ATTN: P.PETO/B.KAHLERT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0344-SJ1+2
DATE: 90/08/29
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
BL 0+00N	.9	1	622	1	19	40	5
BL L0+00N 0+25W	1.1	1	365	1	26	39	5
BL L0+00N 0+50W	.9	1	41	1	13	30	5
BL L0+00N 0+75W	1.2	1	33	1	12	59	10
BL L0+00N 1+00W	1.3	1	43	1	10	29	5
BL L0+00N 1+25W	1.0	1	63	1	12	31	5
BL L0+00N 1+50W	1.0	1	40	1	15	23	10
BL L0+00N 1+75W	1.3	1	223	5	46	43	5
BL L0+00N 2+00W	1.9	1	172	1	63	37	5
BL L0+00N 2+25W	1.3	1	141	1	19	54	5
BL L0+00N 2+50W	1.3	1	914	2	15	109	5
BL L0+00N 2+75W	1.0	1	45	1	10	49	5
BL L0+00N 3+00W	1.1	1	27	1	16	26	10
BL L0+00N 3+25W	1.2	1	27	1	10	40	5
BL L0+00N 3+50W	1.0	1	16	1	7	22	5
BL L0+00N 3+75W	.6	1	34	4	13	29	5
BL L0+00N 4+00W	1.0	1	21	1	13	31	10
BL L0+00N 4+25W	1.1	1	29	1	15	27	5
BL L0+00N 0+25E	1.6	1	302	1	15	23	5
BL L0+00N 0+50E	2.6	1	48	1	15	29	5
BL L0+00N 0+75E	3.9	1	374	1	22	88	5
BL L0+00N 1+00E	1.0	1	171	1	17	30	10
BL L0+00N 1+25E	1.0	1	119	1	11	30	5
BL L0+00N 1+50E	1.5	1	1661	1	28	90	5
BL L0+00N 1+75E	.9	1	161	1	15	38	5
BL L0+00N 2+00E	1.0	1	74	1	14	31	5
BL L0+00N 2+25E	1.5	1	88	1	14	53	5
BL L0+00N 2+50E	.9	1	30	1	12	42	5
BL L0+00N 2+75E	.8	1	8	1	11	16	5
BL L0+00N 3+00E	.9	1	23	1	10	30	5
B L0+00N 3+25E	.8	1	62	1	11	42	5
B L0+00N 3+50E	.3	1	33	1	13	24	10
B L0+00N 3+75E	.5	1	58	1	15	33	10
B L0+00N 4+00E	1.1	1	58	1	10	35	5
B L0+00N 4+25E	.7	1	55	1	9	30	20
B L0+00N 4+50E	.8	1	63	1	12	35	5
BL L1N	1.4	1	21	1	13	29	5
BL L1N 0+25W	1.1	1	42	1	15	35	5
BL L1N 0+50W	.9	1	19	1	11	19	5
BL L1N 0+75W	1.3	1	33	1	16	19	10
BL L1N 1+00W	1.0	1	52	1	12	22	5
BL L1N 1+25W	1.2	1	21	1	11	18	5
BL L1N 1+50W	1.1	1	55	1	11	29	5
BL L1N 1+75W	.8	1	48	1	11	20	10
BL L1N 2+00W	1.2	1	21	1	13	26	5
BL L1N 2+25W	1.6	1	148	1	13	54	5
BL L1N 2+50W	1.2	1	17	1	7	23	5
BL L1N 2+75W	1.1	1	19	1	8	26	5
BL L1N 3+00W	1.1	1	18	1	12	26	5
BL L1N 3+25W	.9	1	21	1	12	12	5
BL L1N 3+50W	.7	1	35	4	13	40	5
BL L1N 3+75W	.9	1	72	3	15	62	5
BL L1N 4+00W	.8	1	10	1	9	16	35
BL L1N 4+25W	.7	1	15	3	13	24	5
BL L1+00 0+00	1.1	1	27	1	13	29	5
BL L1+00 0+25E	1.0	1	26	1	8	25	5
BL L1+00 0+50E	.9	1	25	1	14	35	5
BL L1+00 0+75E	.9	1	12	1	12	14	5
BL L1+00 1+00E	1.8	1	71	1	14	26	5
BL L1+00 1+25E	1.3	1	50	1	11	30	5

COMP: MINCORD RES/MAJOR GENERAL
PROJ: TAM
ATTN: P.PETO/B.KAHLERT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0344-SJ3+4
DATE: 90/08/29
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
BL L1+00 1+50E	1.1	14	44	1	16	38	5
B L1N 1+25E	1.3	1	3907	2	30	72	5
B L1N 1+50E	1.2	3	147	1	32	35	5
B L1N 1+75E	1.4	23	424	3	19	88	10
B L1N 2+00E	1.1	19	116	1	16	56	5
B L1N 2+25E	2.7	23	255	4	25	87	5
B L1N 2+50E	1.7	16	52	1	16	105	10
B L1N 2+75E	1.2	16	213	1	15	84	5
B L1N 3+00E	.9	1	345	16	23	50	5
BL 1N 3+50E	1.3	8	50	1	14	41	5
BL 1N 3+75E	.8	10	13	1	9	19	5
BL 1N 4+00E	.9	2	119	6	18	54	5
BL 1N 4+25E	.8	9	11	1	8	18	10
BL 1N 4+50E	1.4	21	84	1	14	31	5
BL L1S 00	1.3	21	42	2	33	40	10
BL L1S 0+25E	1.1	18	20	5	24	22	5
BL L1S 0+50E	1.4	21	41	4	24	90	5
BL L1S 0+75E	.9	21	28	2	13	32	5
BL L1S 1+00E	.9	24	25	1	13	26	5
BL L1S 1+25E	1.2	15	56	1	12	28	5
BL L1S 1+50E	1.3	1	1231	5	95	90	5
BL L1S 1+75E	.9	13	38	1	5	22	5
BL L1S 2+00E	1.1	15	54	1	15	30	10
BL L1S 2+25E	1.7	24	406	3	24	96	5
BL L1S 2+50E	1.0	19	63	2	17	67	5
BL L1S 2+75E	1.4	18	50	1	14	25	5
BL L1S 3+00E	1.3	16	76	1	13	40	10
BL L1S 3+25E	1.0	26	47	2	7	33	10
BL L1S 3+50E	1.5	19	13	1	9	19	5
BL L1S 3+75E	1.5	23	27	1	11	28	5
BL 1S 4+00E	1.2	1	40	1	9	25	5
BL 1S 4+25E	.7	1	63	1	9	38	5
BL 1S 4+50E	.7	1	20	1	6	19	5
B L1+00S 0+25W	.3	1	8	1	9	32	5
B L1+00S 0+50W	.5	1	9	1	9	24	10
B L1+00S 0+75W	.6	1	28	1	13	25	5
B L1+00S 1+00W	1.2	1	36	1	14	34	5
B L1+00S 1+25W	.9	1	37	2	18	32	5
B L1+00S 1+50W	1.2	1	49	1	44	41	10
B L1+00S 1+75W	1.6	1	538	3	178	50	5
B L1+00S 2+00W	.8	1	31	1	10	25	5
B L1+00S 2+25W	1.3	1	92	1	11	33	5
B L1+00S 2+50W	.8	1	54	1	13	24	5
B L1+00S 2+75W	.8	1	17	1	9	22	5
B L1+00S 3+00W	.7	1	32	1	13	30	5
B L1+00S 3+25W	3.9	1	1250	3	74	135	20
B L1+00S 3+50W	2.0	1	304	1	17	87	30
B L1+00S 3+75W	.9	1	76	1	12	34	35
B L1+00S 4+00W	1.1	1	71	1	13	38	40
B L1+00S 4+25W	1.1	1	588	4	18	59	5
B L1+00S 4+50W	1.2	1	138	8	19	48	5
B BL L2N	6.9	25	4000	6	38	227	5
B 2N 0+25W	1.3	1	590	31	38	217	20
B 2N 0+50W	1.3	1	240	2	13	68	5
B 2N 0+75W	.8	1	47	1	10	20	10
B 2N 1+50W	1.0	1	22	1	10	23	5
B 2N 2+25W	1.4	1	15	1	11	22	5
B 2N 2+75W	1.2	1	35	1	13	46	10
B 2N 3+00W	.9	1	85	3	17	41	5
B 2N 3+50W	1.0	1	15	1	10	23	5

COMP: MINCORD RES/MAJOR GENERAL
PROJ: TAM
ATTN: P.PETO/B.KAHLERT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0344-SJ5+6
DATE: 90/08/29
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
B 2N 4+25W	.7	7	12	1	10	19	5
B 2N 4+50W	.8	1	20	1	11	14	10
B L2N 0+25E	2.5	14	2235	5	24	217	5
B L2N 0+50E	1.6	7	919	12	41	151	10
B L2N 1+25E	.3	1	52	1	11	42	5
B L2N 1+50E	.8	3	139	1	16	98	5
B L2N 1+75E	.7	14	442	1	18	56	10
B L2N 2+00E	.4	1	77	1	8	29	5
B L2N 2+25E	.6	2	79	2	18	37	5
B L2N 2+50E	.4	2	151	2	14	66	5
B L2N 2+75E	.8	4	29	1	16	47	5
B L2N 3+00E	.4	9	56	2	11	38	10
B L2N 3+25E	.6	7	92	2	13	74	5
B L2N 3+50E	.8	21	89	4	13	70	5
B L2N 3+75E	.8	9	107	3	12	56	5
B L2N 4+00E	1.0	21	138	2	12	65	5
B L2N 4+25E	.8	15	63	3	15	34	5
B L2N 4+50E	.7	12	42	1	10	40	5
B L2S BL	1.1	10	46	1	14	31	5
B L2S 1+00W	.7	2	15	1	18	14	5
B L2S 1+50W	1.1	1	139	2	14	37	10
B L2S 2+00W	.3	11	31	1	7	17	5
B L2S 2+50W	.7	14	54	1	14	26	5
B L2S 3+00W A	.6	14	46	1	17	18	5
B L2S 3+00W B	.5	10	310	1	15	43	5
B L2S 3+50W	.9	18	134	1	21	36	5
B L2S 3+75W	.7	12	31	1	12	41	10
B L2S 4+00W	.9	14	216	5	26	46	5
B L2S 4+25W	2.1	13	108	3	41	162	10
B L2S 4+50W	.7	8	93	2	16	36	5
B L2S 0+50E	.7	1	18	1	12	19	5
B L2S 1+00E	.6	1	9	1	8	20	5
B L2S 1+50E	1.3	1	25	1	6	15	5
B L2S 2+00E	2.5	1	33	1	12	39	5
B L2S 2+50E	.5	1	8	1	8	17	5
B L2S 3+00E	.5	1	42	1	12	82	5
B L2S 3+50E	1.5	1	131	1	11	36	5
B L2S 4+00E	1.0	1	91	1	13	29	10
B L2S 4+50E	.7	1	78	2	13	26	80
B L3S 0+00E	1.0	1	207	2	21	59	5
B L3S 0+50E	1.3	1	13	1	12	38	5
B L3S 1+00E	1.3	1	22	1	15	22	45
B L3S 1+50E	.9	1	20	1	6	15	5
B L3S 2+00E	.7	16	10	1	7	10	10
B L3S 2+50E	1.1	2	119	3	21	44	85
B L3S 3+00E	2.7	1	1869	11	37	146	15
B L3S 4+00E	.6	1	10	1	6	17	30
B L3S 4+50E	.8	2	10	1	6	21	20
B L3S 0+50W	.8	3	77	3	11	33	5
B L3S 1+00W	2.5	1	19	1	17	66	5
B L3S 1+50W	2.4	1	21	1	9	34	5
B L3S 2+00W	1.1	1	184	1	42	12	30
B L3S 2+50W	1.0	19	108	4	10	27	5
B L3S 3+00W	.7	9	48	1	7	12	5
B L3S 3+25W	1.1	3	113	1	14	40	5
B L3S 3+50W	.6	14	28	1	10	19	10
B L3S 3+75W	1.7	23	385	2	31	37	165
B L3S 4+00W	.8	10	89	1	6	24	5
B L3S 4+25W	1.0	1	370	4	32	75	5
B L3S 4+50W	1.1	1	1340	7	109	61	5

COMP: MINCORD RES/MAJOR GENERAL
PROJ: TAM
ATTN: P.PETO/B.KAHLERT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0344-SJ7+8
DATE: 90/08/29
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
B L3N 0+00E	1.2	1	171	2	18	73	5
B L3N 1+00E	1.9	1	3435	1	28	209	5
B L3N 1+50E	1.2	1	112	1	13	39	40
B L3N 2+00E	1.2	1	53	1	12	22	5
B L3N 2+50E	1.1	1	12	1	8	11	5
B L3N 3+00E	1.2	1	66	1	12	42	5
B L3N 3+50E	1.0	1	53	1	13	40	10
B L3N 4+00E	1.0	1	59	3	11	34	40
B L3N 4+50E	.9	1	64	2	13	32	5
B L3N 0+50W	.8	1	9	1	6	14	10
B L3N 1+00W	.9	1	58	1	8	20	5
B L3N 1+50W	1.4	1	17	1	7	26	5
B L3N 2+00W	1.2	1	40	1	20	40	5
B L3N 2+50W	1.3	1	20	1	10	23	5
B L3N 3+00W	1.7	1	561	6	22	126	5
B L3N 4+00W	1.0	1	11	1	9	12	10
L3+50S 1+50W	1.2	1	74	1	24	57	5
L3+50S 1+75W	1.6	1	235	1	18	20	20
L3+50S 2+75W	1.1	1	33	1	15	27	10
L3+50S 3+25W	.6	1	52	1	8	30	5
L3+50S 3+50W	.5	1	23	1	11	16	5
L3+50S 3+75W	.5	1	31	1	8	27	5
L3+50S 4+00W	1.0	1	41	1	11	23	10
L3+50S 4+25W	.8	1	115	2	21	40	10
L3+50S 4+50W	.9	1	52	1	12	24	5
L3+50S 4+75W	.8	1	63	3	8	26	5
L3+50S 5+00W	1.3	1	230	2	8	38	200
L3+50S 5+25W	.9	1	51	4	13	29	25
L3+50S 5+50W	.7	1	53	3	13	27	30
B L4N 0+00E	.8	1	41	1	11	35	5
BL 4N 0+50E	.9	1	45	2	11	35	5
BL 4N 1+00E	.8	1	22	1	9	22	10
BL 4N 1+50E	1.1	1	201	1	16	56	5
BL 4N 2+00E	.8	1	29	1	16	20	5
BL 4N 2+50E	1.2	1	43	1	13	34	10
BL 4N 3+00E	.9	1	33	1	8	22	5
BL 4N 3+50E	1.0	1	27	1	5	16	5
BL 4N 4+00E	.8	1	5	1	8	8	5
BL 4N 4+50E	1.0	1	60	2	6	33	5
BL 4N 0+50W	1.1	1	74	1	14	38	5
BL 4N 1+00W	.9	1	40	1	12	43	5
BL 4N 1+50W	1.2	1	23	1	13	23	5
BL 4N 2+00W	1.3	1	60	1	13	26	5
BL 4N 2+50W	1.4	1	7	1	8	14	10
BL 4N 3+00W	1.2	1	16	1	9	21	5
BL 4N 3+50W A	1.5	1	574	6	29	135	5
BL 4N 3+50W B	1.0	1	20	1	10	24	5
BL 4N 4+00W	1.4	1	26	1	13	45	5
BL 4N 4+50W	1.1	1	46	1	16	45	5
BL 4S 0+50E	1.0	1	99	1	15	51	10
BL 4S 1+00E	1.0	1	10	1	11	10	10
BL 4S 1+50E	.8	13	4	1	6	8	5
BL 4S 2+00E	1.0	1	28	1	12	19	10
BL 4S 2+50E	1.3	1	1758	31	134	215	5
BL 4S 3+00E	.6	1	56	3	9	37	5
BL 4S 3+50E	.9	1	155	5	28	64	20
BL 4S 4+00E	.5	1	94	7	14	39	10
BL 4S 4+50E	.6	9	76	6	16	37	20
BL 4S 0+00	.5	1	22	1	8	26	5
BL 4S 0+50W	2.8	1	98	1	31	83	10

COMP: MINCORD RES/MAJOR GENERAL
PROJ: TAM
ATTN: P.PETO/B.KAHLERT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0344-SJ9+10
DATE: 90/08/29
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
BL 4S 1+00W	.5	1	28	2	16	32	5
BL 4S 1+50W	.4	1	37	2	10	22	10
BL 4S 2+00W	.4	19	1	1	6	7	5
BL 4S 2+50W	.6	11	13	1	13	8	5
BL 4S 3+00W	.6	9	13	1	9	11	5
BL 4S 3+50W	.9	7	14	1	14	17	10
BL 4S 4+00W	.5	2	104	3	14	36	5
BL 4S 4+50W	1.1	20	332	9	43	165	85
BL 5N 0+50W	.8	5	11	1	10	15	5
BL 5N 1+00W	.6	5	17	1	15	25	5
BL 5N 1+50W	.5	1	2	1	8	13	5
BL 5N 2+00W	.4	18	7	1	8	16	5
BL 5N 2+50W	.7	2	4	1	8	13	5
BL 5N 3+00W	1.1	11	11	1	9	13	5
BL 5N 3+50W	1.0	8	11	2	9	20	5
BL 5N 4+00W	1.0	1	3	1	13	13	40
BL 5N 4+50W	1.0	15	53	3	19	51	5
BL 5S 0+50E	1.0	17	70	3	12	41	5
BL 5S 1+00E	.8	16	30	1	10	25	10
BL 5S 1+50E	.6	14	73	1	11	33	5
BL 5S 2+50E	.4	15	411	10	30	99	20
BL 5S 3+00E	.3	18	91	3	9	61	10
BL 5S 3+50E	.8	22	64	1	10	40	5
BL 5S 4+00E	1.2	39	62	8	22	71	5
BL 5S 4+50E	1.1	11	85	3	16	58	5
BL 5S 0+50W	.9	20	21	1	10	30	20
BL 5S 1+00W	1.6	1	30	6	26	88	5
BL 5S 1+50W	.8	16	22	2	9	21	5
BL 5S 2+00W	.7	16	40	1	11	33	10
BL 5S 2+50W	.7	1	24	1	13	18	20
BL 5S 3+00W	1.9	19	258	49	43	58	225
BL 5S 3+50W	1.3	1	28	1	13	25	5
BL 5S 4+00W	1.3	1	49	4	23	33	40
BL 5S 4+50W	1.0	1	33	25	20	28	20
BL 5S 5+00W	.9	1	21	7	11	27	5
BL L6S	1.1	1	35	2	13	27	5
BL 6S 0+50E	1.1	1	46	3	14	30	10
BL 6S 1+00E	.9	1	187	6	23	53	65
BL 6S 1+50E	1.0	1	84	3	20	35	40
BL 6S 2+00E	1.1	2	27	1	6	14	20
BL 6S 2+50E	.9	31	12	1	7	6	5
BL 6S 3+00E	1.1	1	93	3	14	53	10
BL 6S 3+50E	1.4	1	80	14	22	114	10
BL 6S 4+00E	1.3	1	133	8	22	62	5
BL 6S 4+50E	1.3	1	79	1	12	50	5
BL 6S 0+50W	.9	1	19	1	10	8	10
BL 6S 1+00W	1.2	1	35	2	14	15	5
BL 6S 1+50W	1.3	1	43	1	12	17	5
BL 6S 2+00W	.9	1	59	1	14	25	10
BL 6S 2+50W	1.6	1	78	4	27	40	10
BL 6S 3+00W	2.3	1	34	1	12	72	5
BL 6S 3+50W	1.0	1	250	1	27	58	5
BL 6S 4+00W	1.2	1	62	1	25	40	215
BL 6S 4+50W	.9	1	84	3	15	57	10
BL 7S 0+00	2.0	1	1421	5	31	62	10
BL 7S 0+50E	1.1	1	76	1	18	17	5
BL 7S 1+00E	1.5	1	53	2	14	22	20
BL 7S 1+50E	1.7	1	16	1	9	8	5
BL 7S 2+00E	1.0	5	10	1	9	6	20
BL 7S 2+50E	.9	1	18	2	15	22	5

COMP: MINCORD RES/MAJOR GENERAL
PROJ: TAM
ATTN: P.PETO/B.KAHLERT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0344-SJ11+12
DATE: 90/08/29
• SOIL • (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
BL 7S 3+00E	1.6	21	105	18	20	123	5
BL 7S 3+50E	2.3	68	351	10	30	65	5
BL 7S 4+00E	.9	18	75	6	13	78	10
BL 7S 4+50E	1.0	17	8	1	6	14	20
BL 7S 0+50W	.5	2	12	1	12	18	30
BL 7S 1+00W	.8	6	16	1	11	16	5
BL 7S 1+50W	.8	26	45	2	10	32	5
BL 7S 2+00W	.8	14	22	1	10	24	5
BL 7S 2+50W	.9	21	49	8	25	55	10
BL 7S 3+00W	.8	11	71	3	19	33	25
BL 7S 3+50W	.9	22	23	1	9	17	35
BL 7S 4+00W	.9	20	15	1	10	14	5
BL 7S 4+50W	1.3	21	30	1	11	63	5
T#16.8.90 BL 7+50S	1.3	28	328	8	30	144	20
BL 8+00S	.8	8	59	4	19	54	10
BL 8+25S	.9	31	65	3	18	75	5
BL 8+50S	.7	18	33	4	15	35	20
BL 8+75S	1.1	8	173	52	32	75	5
BL 9+50S	1.3	27	125	26	31	154	10
BL 9+50S 1+50E	1.7	49	295	21	43	111	90
BL 9+50S 2+00E	.7	17	174	8	32	106	5
BL 9+75S	3.5	51	205	17	17	126	5
BL 10+00S	.9	19	86	10	10	58	10
BL 10+00S 1+25E	2.0	33	598	30	80	151	130
BL 10+25S	1.1	27	62	9	12	55	5
BL 10+50S	.9	17	62	12	11	68	70
BL 10+75S	.5	23	52	13	11	56	20
BL 11+00S	.8	1	149	50	44	159	40
BL 11+00S 0+52W	.8	12	31	2	10	46	5
BL 11+25S	1.2	3	96	5	13	244	5
BL 11+50S	.8	21	85	25	34	89	5
BL 11+50S 2+25W	1.1	9	148	6	22	108	10
BL 12+00S	1.1	1	285	17	75	180	80
L12S 2+25W	.1	1	426	6	31	135	10
BL 13+00S	1.0	1	75	62	53	113	5
L13S 2+30W	.7	1	643	5	31	165	50
BL 13+25S	1.6	7	233	3	22	196	325
BL 13+50S	.4	11	74	4	10	67	40
BL 13+75S	1.5	2	124	31	392	127	575
BL 14+00S	.6	14	213	8	21	94	10
L14S 1+50W	1.1	2	318	19	53	81	20
L14S 1+75W	.1	8	251	10	19	77	5
L14S 2+00W	1.1	1	187	45	96	71	250
L14S 2+25W	.7	10	269	8	18	67	60
L14S 2+50W	1.6	32	512	34	60	36	135
L1+50S 1+25W	.5	1	115	17	26	60	20
L1+50S 3+25W	2.5	24	390	3	24	61	30
L1+50S 3+50W	1.4	4	90	3	15	37	10
L1+50S 3+75W	1.1	5	459	1	24	39	5
L1+50S 4+00W	.7	4	82	8	20	61	5
L1+50S 4+50W	.3	7	33	3	8	30	5
L1+50S 4+75W	1.0	21	154	8	39	163	80
L1+50S 5+00W	.7	1	46	1	8	29	5
L1+50S 5+25W	.4	1	73	2	10	54	5
L2+50S 3+50W	.9	27	94	2	11	35	85
L2+50S 3+75W	1.3	10	227	1	14	75	5
L2+50S 4+00W	1.5	3	68	1	16	98	5
L2+50S 4+25W	.8	2	16	1	24	13	5
L2+50S 4+50W	.6	17	56	1	8	44	5
L2+50S 4+75W	.4	2	6	1	5	13	5

COMP: MINCORD RES/MAJOR GENERAL
PROJ: TAM
ATTN: P.PETO/B.KAHLERT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OS-0344-SJ13+14
DATE: 90/08/29
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	MO PPM	PB PPM	ZN PPM	AU PPB
L2+50S 5+00W	.8	14	7	1	14	16	5
L2+25S 2+50W	.7	13	71	1	8	19	5
B 2N 1+00W	1.0	18	158	2	7	39	5
B 2N 1+25W	1.2	15	249	3	16	89	5
B 2N 1+75W	1.0	1	21	1	12	33	10
B 2N 2+00W	1.1	1	24	1	12	26	5
B 2N 2+50W	1.1	1	13	1	4	23	5
B 2N 3+25W	.6	1	8	1	6	14	5
B 2N 3+75W	.8	1	69	7	21	81	10
B 2N 4+00W	1.4	8	12	1	10	22	5
B L3N 0+50E	.9	1	20	1	6	22	5
L1+50S 3+00W	1.6	1	82	1	13	41	40
B L1N 3+50W	1.7	8	40	4	11	37	5
B L25 0+50W	.8	13	8	2	8	6	5
T-90 A	1.2	1	644	1	4	99	10
T5-4	1.1	10	58	1	11	56	5
T-90 T-2	.7	16	30	1	4	24	5
T-3 4	1.4	9	212	1	15	89	5
T-90 T4-4	1.1	1	55	1	6	52	5
T-6-4	1.2	12	54	1	8	52	5
T-7-4	.6	1	46	1	3	49	5
T-8-12-8-90	1.5	1	224	1	29	95	25
T-9-12-8-90	.5	1	252	2	24	179	5
T-10-12-8-90	1.3	19	446	1	31	166	5
T-11-12-8-90	.2	1	72	1	31	81	5
T-12-12-8-90	.5	1	63	1	34	100	5
T-13-12-8-90	.6	7	182	1	30	100	5
T-14-12-8-90	1.5	8	175	1	20	87	5
T-15-12-8-90	1.2	18	178	1	27	109	5
T-16-12-8-90	1.7	1	147	1	28	83	5
T-17-12-8-90	6.5	1	60	1	303	97	15
T-18-12-8-90	1.5	1	68	1	72	35	5
T-19-12-8-90	1.6	1	59	1	57	65	5
T-20-12-8-90	1.2	1	178	1	39	137	5
T-21-12-8-90	1.5	1	112	1	48	80	10
T-22-12-8-90	1.8	1	32	1	33	42	5
T-23-12-8-90	1.2	1	269	1	29	85	5
T-24-12-8-90	.6	1	95	1	41	59	5
T-25-12-8-90	.6	6	89	2	35	35	10
T-26-12-8-90	.1	1	92	1	24	37	5

APPENDIX 6

GEOPHYSICAL SURVEY REPORT - SCOTT GEOPHYSICS

LOGISTICAL REPORT

INDUCED POLARIZATION, MAGNETOMETER, AND VLF SURVEYS

TAM PROJECT

SLIDE MOUNTAIN GRID

OMINECA AREA, BRITISH COLUMBIA

on behalf of

VARITECH RESOURCES LTD.
4th floor - 325 Howe Street
Vancouver, B.C. V6C 1Z7

Field work completed: October 1 to 6, 1990

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

October 22, 1990

TABLE OF CONTENTS

		page
1	Introduction	1
2	Claims Location and Access	1
3	Survey Grid and Survey Coverage	1
4	Personnel	1
5	Instrumentation and Procedures	2
6	Recommendations	2

1. INTRODUCTION

Induced polarization, magnetometer, and VLF surveys were conducted over portions of the Slide Mountain Grid, Tam Project, Omineca Area, B.C., within the period October 1 to 6, 1990. The work was conducted by Scott Geophysics Ltd. on behalf of Varitech Resources Ltd. The work was an extension of a similar survey performed in the period August 18 to 30, 1990, which covered portions of the Slide Mountain and Boundary Grids.

The pole dipole electrode array was used on the induced polarization survey, with an "a" spacing of 50 meters and "n" separations of 1 to 4. Total field magnetometer and VLF readings were taken at 25 meter intervals.

This report describes the instrumentation and procedures, and presents the results of the surveys.

2. CLAIMS LOCATION AND ACCESS

The Tam Project is located in the Haha Creek watershed, 10 kilometers west of its outlet into the Osalinka River. The town of Fort St. James is some 200 kilometers to the southsouth east. Access was by helicopter from the Osalinka logging road.

3. SURVEY GRID AND SURVEY COVERAGE

A total of 5.4 line kilometers of induced polarization survey, magnetometer, and VLF survey completed on the present survey of the Slide Grid. Readings were attempted at the north end of the Boundary Grid, but winter conditions rendered that attempt impractical. Details of lines surveyed are given in the production reports.

The results of the previous survey on the Slide Mountain Grid (August, 1990) have been incorporated on the accompanying maps. That previous survey covered lines 0, 100S, 500N, 600N, and 700N.

4. PERSONNEL

Ken Moir, geophysical technician, was the party chief on the survey. Peter Peto, geologist, was the Varitech representative for the survey.

5. INSTRUMENTATION

A Scintrex IPR11 time domain, microprocessor based receiver, and a Scintrex 2.5 kw IPC7 transmitter were used for the induced polarization survey. Readings were taken using a 2 second alternating square wave. The chargeability for the eighth slice (690 to 1050 milliseconds after shutoff; midpoint at 870 milliseconds) is the value that has been plotted on the accompanying plans and pseudosections.

Two Scintrex IGS total field magnetometers were used for the magnetometer survey. One unit was used as a fixed base station, cycling at 15 second intervals, and the other as the survey unit.

The Scintrex IGS field unit was also used for the VLF survey. Readings were taken using station NSS (Annapolis, Maryland transmitting at 21.4 kHz) as the primary VLF field. Readings of in-phase, quadrature, and field strength were taken at 25 meter intervals. The Fraser filtered in phase values were calculated using a filter width of 15 meters.

The survey data was archived, processed, and plotted using a Toshiba T1200 microcomputer running Scintrex Soft II and proprietary software. All chargeability responses were analyzed for their spectral characteristics (cole-cole intrinsic chargeability, time constant, and frequency dependence) using Johnson's curve matching procedure (Scintrex Soft II). In areas of low amplitude chargeability response, the spectral parameters are often relatively poorly defined.

6. RECOMMENDATIONS

A preliminary examination of the results of the induced polarization survey indicates the presence of weak to moderate chargeability highs that merit further investigation. The strong magnetic highs on the Slide grid appear to correlate directly with higher chargeability, suggesting those chargeability highs may be caused at least in part by magnetite.

A detailed interpretation of these results, and correlation to geological and geochemical information, is required before any specific recommendations could be made.

Respectfully Submitted,

Alan Scott, Geophysicist