


REPORT ON THE
1996 EXPLORATION PROGRAM
ON THE
NORTHSTAR PROPERTY,
OMINECA MINING DIVISION, BRITISH COLUMBIA
FOR EVEREST MINES AND MINERALS LTD.

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Vancouver, B.C.
October 22, 1996


J. Miller-Tait, P. Geo.

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,792

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1.0 INTRODUCTION

The Northstar property is located at the headwaters of Lion Creek in the Omineca Mining Division, British Columbia.

The property has been explored *intermittently since copper mineralization* was discovered upon it in the early 1960's. The property has been dormant since 1973 and much of the data from previous workers is incomplete. The property has been explored for base metal and copper content but negligible work has been spent on testing the precious metal values (Au & P.G.E.).

This report is to document the work program completed in September of 1996 consisting of additional claim staking, stream sediment sampling, and mapping / sampling of the known showings and a "new" vein.

2.0 LOCATION/ACCESS/TOPOGRAPHY

The Northstar property is located at about 56 degrees, 02 minutes north, 126 degrees, 16 minutes west, in the Cariboo Heart Range, approximately 30 kms. north of the north end of Takla Lake. That is, it is at the north of Kaza Lake, which is in the southeast corner of the McConnell Creek area, about 150 air kms north-northeast of Smithers. There is a cat road from Bulkley House at the north end of Takla Lake via Kaza property, south of Kaza Lake. There is a good logging road within approximately 10kms. to the Southwest.



CANADA

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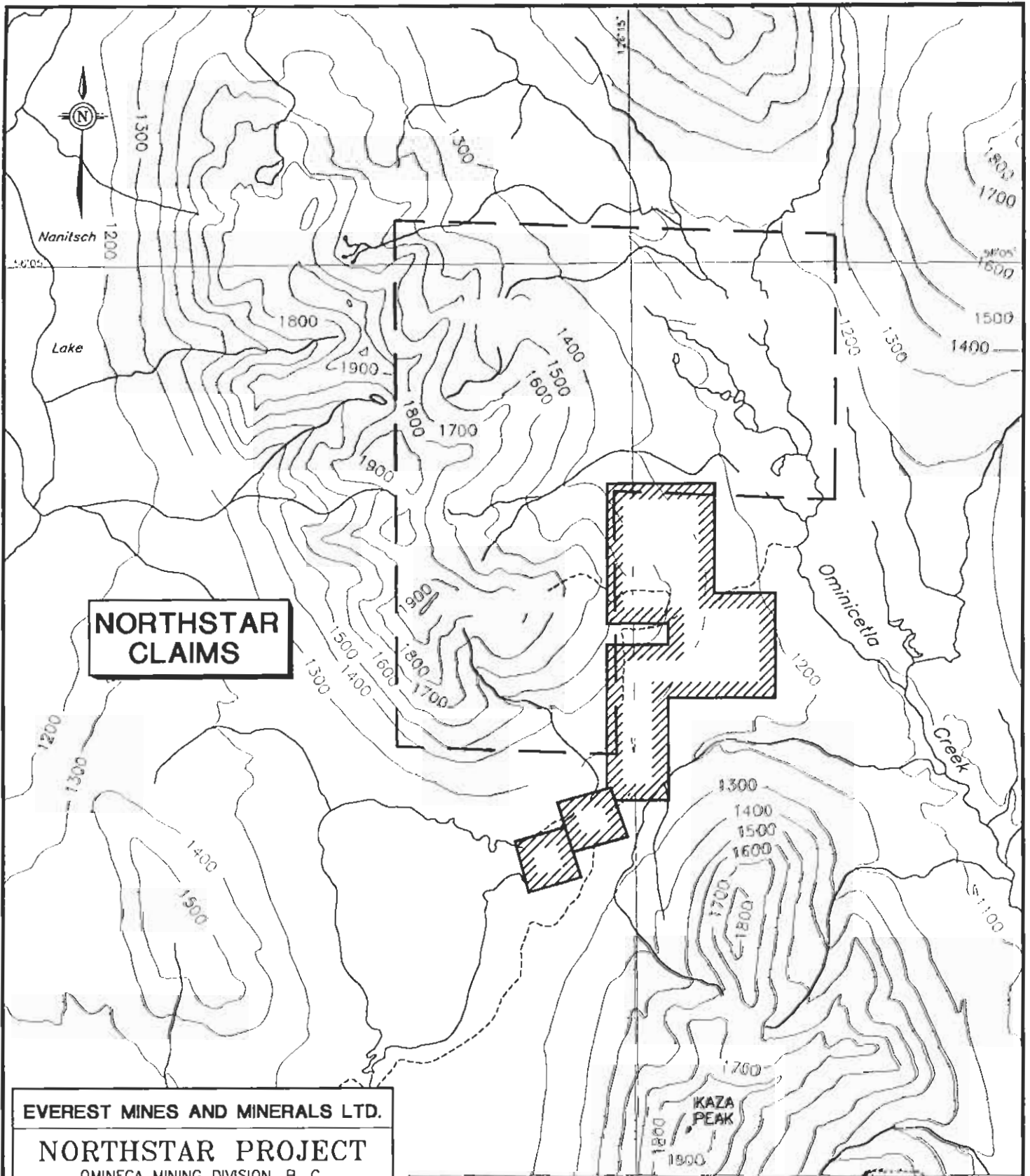
NORTHSTAR PROJECT

OMINECA MINING DIVISION, BRITISH COLUMBIA

PROPERTY LOCATION MAP

SIKANNI MINE DEVELOPMENT LTD.

DATE: OCTOBER, 1996	SCALE: As shown
DRAWN: K.K.	N.T.S.:
DATA: GEODRAFTING	FIGURE NO.: 1.1



**NORTHSTAR
CLAIMS**

EVEREST MINES AND MINERALS LTD.

NORTHSTAR PROJECT

OMINECA MINING DIVISION, B. C.

**TOPOGRAPHICAL MAP
SHOWING CLAIMS**



SIKANNI MINE DEVELOPMENT LTD.

DATE: OCT/96 SCALE: 1:50,000 FIGURE: 2.1

— — — — —
New Claims



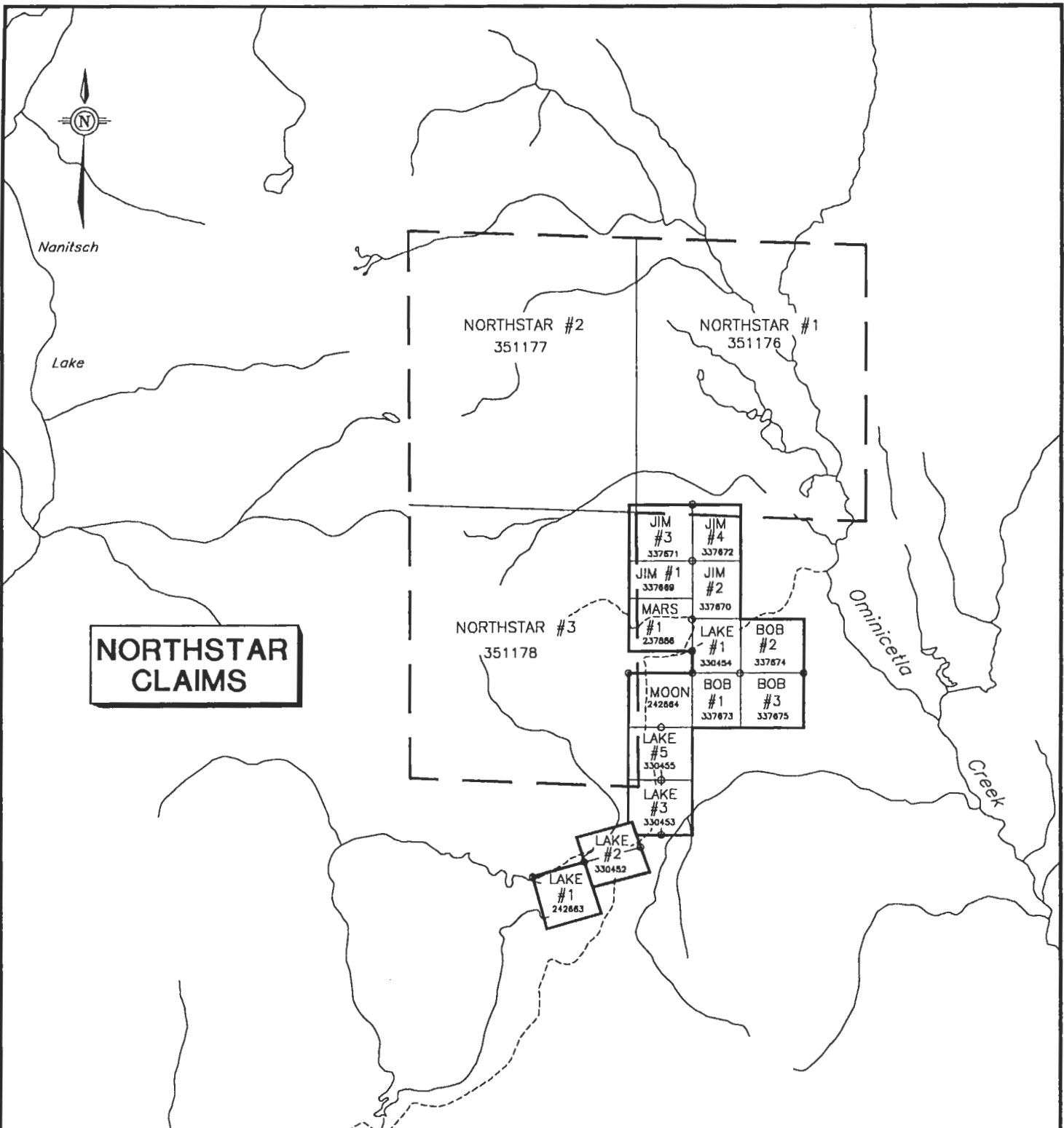
J. Miller-Tait
Oct. 22/96

Access by float fixed-wing plane or helicopter is convenient. The property surface which ranges in elevation from 1,200 meters to above timberline at 2,000 meters is densely forested and bedrock is largely concealed beneath a comparatively thin mantle of soil and unconsolidated glacial till.

3.0 PROPERTY DESCRIPTION

The Northstar property consists of 14, 2-post, and 3, 4-post metric claims located in the Omineca Mining Division, N.T.S. mapsheet no.'s 94D/1E,1W. The claim details are as follows:

<u>Claim Name</u>	<u>Tenure Number</u>	<u>Expiry Date</u>
Jim #1	337669	July 4, 1997
Jim #2	337670	July 4, 1997
Jim #3	337671	July 4, 1997
Jim #4	337672	July 4, 1997
Bob #1	337673	July 4, 1997
Bob #2	337674	July 4, 1997
Bob #3	337675	July 5, 1997
Lake	242663	August 25, 2001
Lake #2	330452	August 26, 1997
Lake #3	330453	August 26, 1997
Lake #4	330454	August 26, 1997
Lake #5	330455	August 27, 1997
Moon	242664	August 25, 1997
Mars	237886	October 14, 2000
Northstar #1	351176	September 18, 1997



**NORTHSTAR
CLAIMS**

EVEREST MINES AND MINERALS LTD.

NORTHSTAR PROJECT
OMINECA MINING DIVISION, B. C.

CLAIM MAP

0 1000 2000 3000
METRES

SIKANNI MINE DEVELOPMENT LTD.

DATE: OCT/96 SCALE: 1:50,000 FIGURE: 3.1

KAZA
PEAK

— — — — —
New Claims



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Oct. 22/96

Northstar #2	351177	September 17, 1997
Northstar #3	351178	September 17, 1997

The claims are owned by Mr. R. M. Tait and have been optioned to Everest Mines and Minerals Ltd. under an agreement dated August 29, 1996. (Refer to Figure 3.1)

4.0 HISTORY

Mr. R.M. Tait , President of Northstar Copper Mines Ltd., first found the original showings in September of 1965, and staked the original claims. In 1966 preliminary geological mapping and some hand trenching in the vicinity of the main showing and further prospecting in the area was done. In 1967 a field geochemical laboratory for readily-extractable copper was established at a camp at the north end of Kaza Lake and systematic grid soil-sampling was carried out with geological mapping. Nine holes (AQ) of diamond drilling, totaling 2,091 feet, were finished in this season. In 1968 a tractor-trail from Bulkley House was built, about 30,000 feet of cat trenching was accomplished, 2,624 feet of diamond drilling was done in eleven holes (AQ), and about fifty shallow pits were blown. In 1969, 4,074 feet of diamond drilling (13 holes, AQ) were completed.

In 1973, Bethlehem Copper completed mapping, soil sampling, and drilled eight vertical holes with chips taken over 10 foot intervals to the east of the known showings. Values

of copper ranged from 54-610 ppm but no assays were taken for gold, a normal situation in 1973.

5.0 REGIONAL GEOLOGY

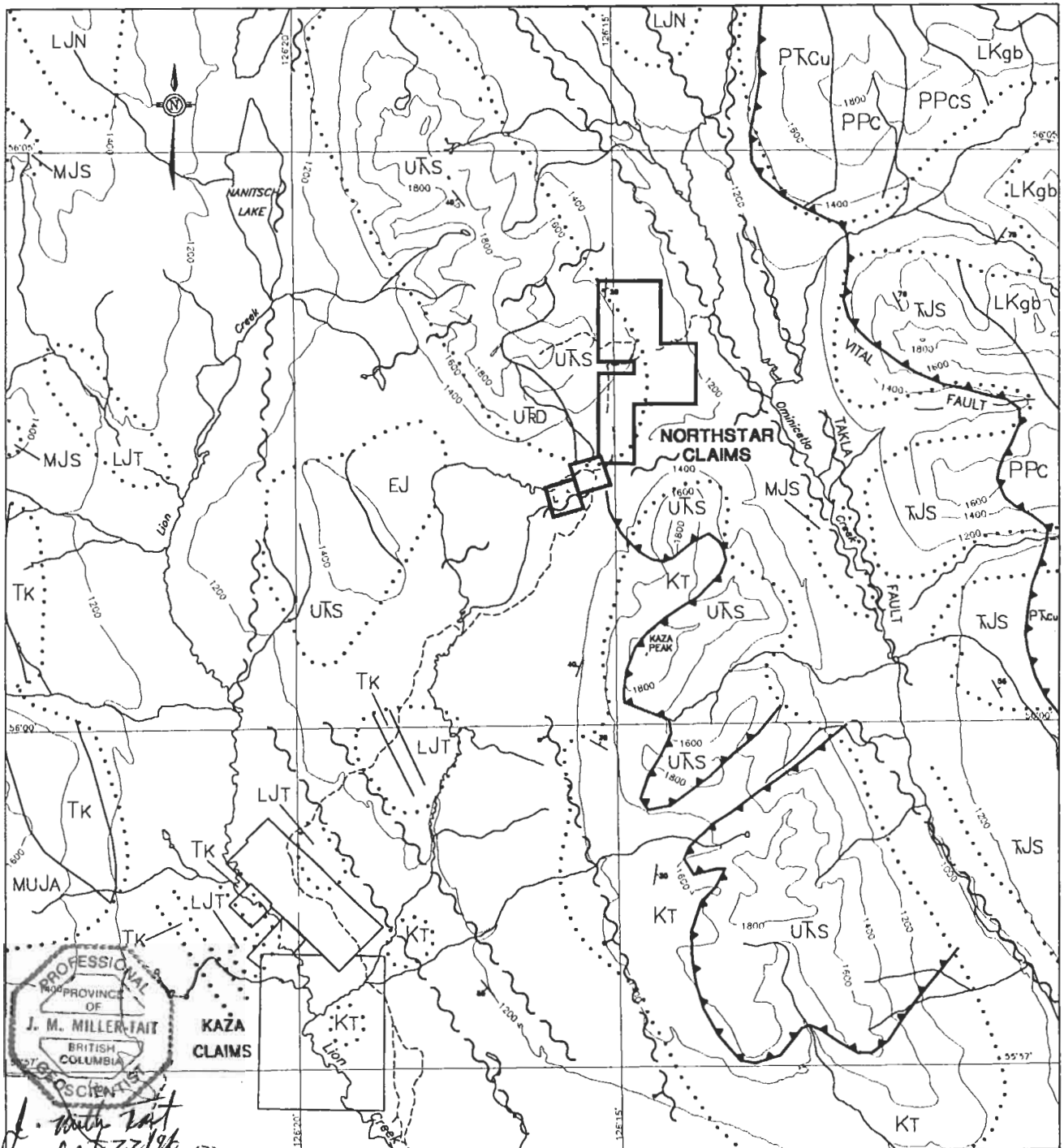
The Northstar property is located on the map sheet 94D/E, McConnell Creek map area.

The property is located in the Intermontane Belt of the Canadian Cordillera and underlain by the Cache Creek terrane with the Quesnellia terrane to the east. Detailed geological setting of the area is described by C.S. Lord, 1948.

The Northstar property is underlain by the Upper Triassic Takla group. This group consists of the Savage Mountain Formation and the Dewar Formation. The Savage Mountain Formation consists of basic augite porphyry basalt flow, breccia, pillow breccia, tuff and interbedded bladed feldspar porphyry. The Dewar Formation consists of tuff, sandstone and argillite, and minor limestone and breccia.

The Early Jurassic Hogem Batholith is located to the south-west of the Northstar property. It consists of foliated quartz monzodiorite.

Major faults located to the east are the Takla Fault, a high angle reverse fault, and the Pinchi Fault further to the east. Located to the west is a fault sub-parallel to the Takla Fault following the depression of Lion Creek and Nanitsch Lake. (Refer to Fig # 5.1)



Taken from G.S.C. O.F. 342 and O.F.2322

LEGEND

- TERTIARY**
- TK Kostberg Intrusions: biotite-hornblende rhyodacite porphyry, massive leuca-rhyolite
- CRETACEOUS**
- LKgb Aesgard layered gabbro intrusion: and minor plugs of gabbro and diabase
- SUSTUT GROUP**
- KT TANGO CREEK FORMATION: conglomerate, sandstone, siltstone and coaly shale
- JURASSIC AND CRETACEOUS**
- BOWSER LAKE GROUP**
- MUJA ASHMAN FORMATION: interbedded, well bedded, marine feldspathic sandstone, greywacke, siltstone and argillite
- JURASSIC**
- HAZELTON GROUP**
- MJS SMITHERS FORMATION: greywacke, siltstone; sandstone, and tuff
 - LJN NIKITIKWA FORMATION: argillite, siltstone, greywacke and tuff; minor sandstone and limestone
 - LJT TELKWA FORMATION: calc-alkaline volcanics; includes basalt, andesite, dacite and rhyolite flows, breccia, lapilli and ash tuff, and intercalated volcanioclastic sediments
 - EJ Topley Intrusions: quartz diorite, diorite, minor granite

- TRIASSIC AND JURASSIC**
- UKS SITILKA ASSEMBLAGE: epidote-amphibolite facies metapelite, metaconglomerate, metavolcanics and marble
- TRIASSIC**
- STUJINI GROUP**
- UKS SAVAGE MOUNTAIN FORMATION: subaqueous, augite porphyry flows, breccia, tuff, broken pillow breccia, peperite breccia, shale, greywacke; minor limestone and feldspar porphyry
 - UJD DEWAR FORMATION: tuff, sandstone and argillite; minor limestone and breccia
- CARBONIFEROUS AND PERMIAN**
- CACHE CREEK GROUP**
- PPC Interbedded oceanic shale, chert, limestone and greenstone volcanics
 - PTCu Serpentinite

SYMBOLS

- Geologic contact (defined)
- Approximate outcrop limits
- Bedding (inclined)
- Fault (solid circle indicates downthrown side)
- Thrust Fault

EVEREST MINES AND MINERALS LTD.

NORTHSTAR PROJECT

OMINECA MINING DIVISION, B. C.

REGIONAL GEOLOGY MAP



SIKANNI MINE DEVELOPMENT LTD.

DATE: OCT/96 SCALE: 1:100,000 FIGURE: 5.1

6.0 PROPERTY GEOLOGY

(from Kikuchi, 1969)

“This area is mainly underlain by Jurassic volcanics and marine sediments. There is some diorite intrusive in the area. They consist of shale, siltstone, phyllite, sandstone, slate, agglomerate, limestone, tuff, tuff breccia, porphyritic basalt, porphyritic andesite, etc. (See pages 86-87, Annual Report 1967, by Dr. Sutherland-Brown for more detailed academic lithological explanations.)

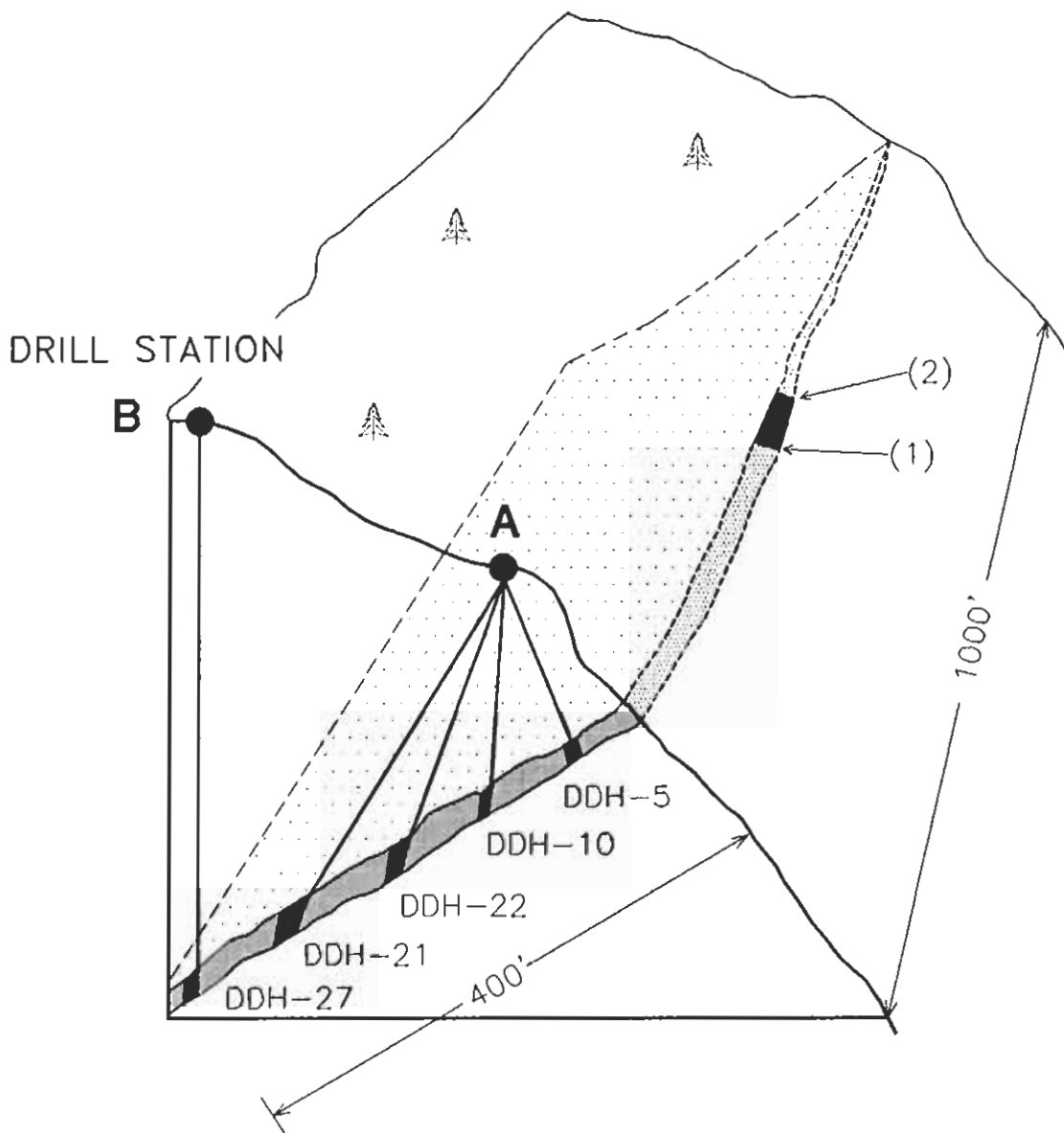
The first found copper showing which has been called the “Main” showing (by Dr. White, 1966) or “A” showing (by Dr. Sutherland-Brown, 1967) is on the eastern slope of the mountain on the rim of a landslide scar around which exposure is good in contrast to the surrounding area. The rim consists of some alternate beds of limestone, agglomerate, shale, sandstone, siltstone, tuff, basalt, andesite, etc. They are usually fine-grained and clastic. The general strike and dip are north 60 degrees east and 45 - 60 degrees southeast respectively. Some faults which have their general strike and dip as north 70 degrees east and 70 degrees northwest cut the beds.

The copper bearing bed of the “Main” or “A” showing is composed of mainly clastic shale or tuff, the thickness of which is not yet known. The color is green, brown or red. Some green copper stain can be seen but bornite, chalcocite and chalcopyrite disseminated in the rock are too small to be seen by a hand lens.

Veinlets of calcite and limonite are common in the bed. There is epidote, but no magnetite nor pyrite.

There is a wide cat-strip at the "B" showing which is about 2,000 feet southeast of the Main showing above mentioned. The strip extends to the north up to the other chalcocite vein showing. At the southern place of the wide excavation, where the original "B" showing was seen and Dr. Sutherland-Brown reported (Annual Report, 1967), his sample of 20 feet cut as 1.98% Cu, there is a copper deposit exposure. Main rock of the exposure is clastic porphyritic andesite and some clastic shale/tuff at the west side. The writer took a chip sample of 15 feet cut length with an assay result of 0.89% Cu. At the northern part of the excavation, there are some chalcocite parallel veins, NS-N15 degrees east of strike and vertical - 80 degrees east of dip in general, a half inch to three inches of width in general, in porphyritic andesite. The writer took a 20 foot wide cut across some parallel chalcocite veins and got 13.25% Cu. The relationship of these two types of deposit has not yet been seen.

The following Fig.# 6.2, a schematic block diagram of showing B from Northstar Copper Mines Ltd., is an illustrative diagram showing the intersections of DDH - 5, 10, 22, 21, and 27. It should be noted that this is not a true cross section as the holes are not all on section. Surface trench channel samples 1 and 2 are plotted as well. The block diagram indicates that the ore body is open down-dip and along strike with unknown values of gold.



Diamond Drill Samples

DDH-5	-	$\frac{1.38\% \text{ Cu}}{44 \text{ ft.}}$
DDH-10	-	$\frac{1.68\% \text{ Cu}}{48 \text{ ft.}}$
DDH-22	-	$\frac{1.97\% \text{ Cu}}{16 \text{ ft. abandoned}}$
DDH-21	-	$\frac{1.14\% \text{ Cu}}{40 \text{ ft.}}$
DDH-27	-	$\frac{2.79\% \text{ Cu}}{26 \text{ ft.}}$

Surface Channel Sample

(1)	$\frac{2.94\% \text{ Cu}}{26 \text{ ft.}}$
(2)	$\frac{13.25\% \text{ Cu}}{20 \text{ ft.}}$



J. Miller-Tait
Oct. 22/96

From Northstar Copper Mines Ltd. (N.P.L.)

EVEREST MINES AND MINERALS LTD.

NORTHSTAR PROJECT

OMINECA MINING DIVISION, B. C.

**SCHEMATIC
BLOCK DIAGRAM
OF THE 'B' SHOWING**

SIKANNI MINE DEVELOPMENT LTD.

DATE: OCT/96

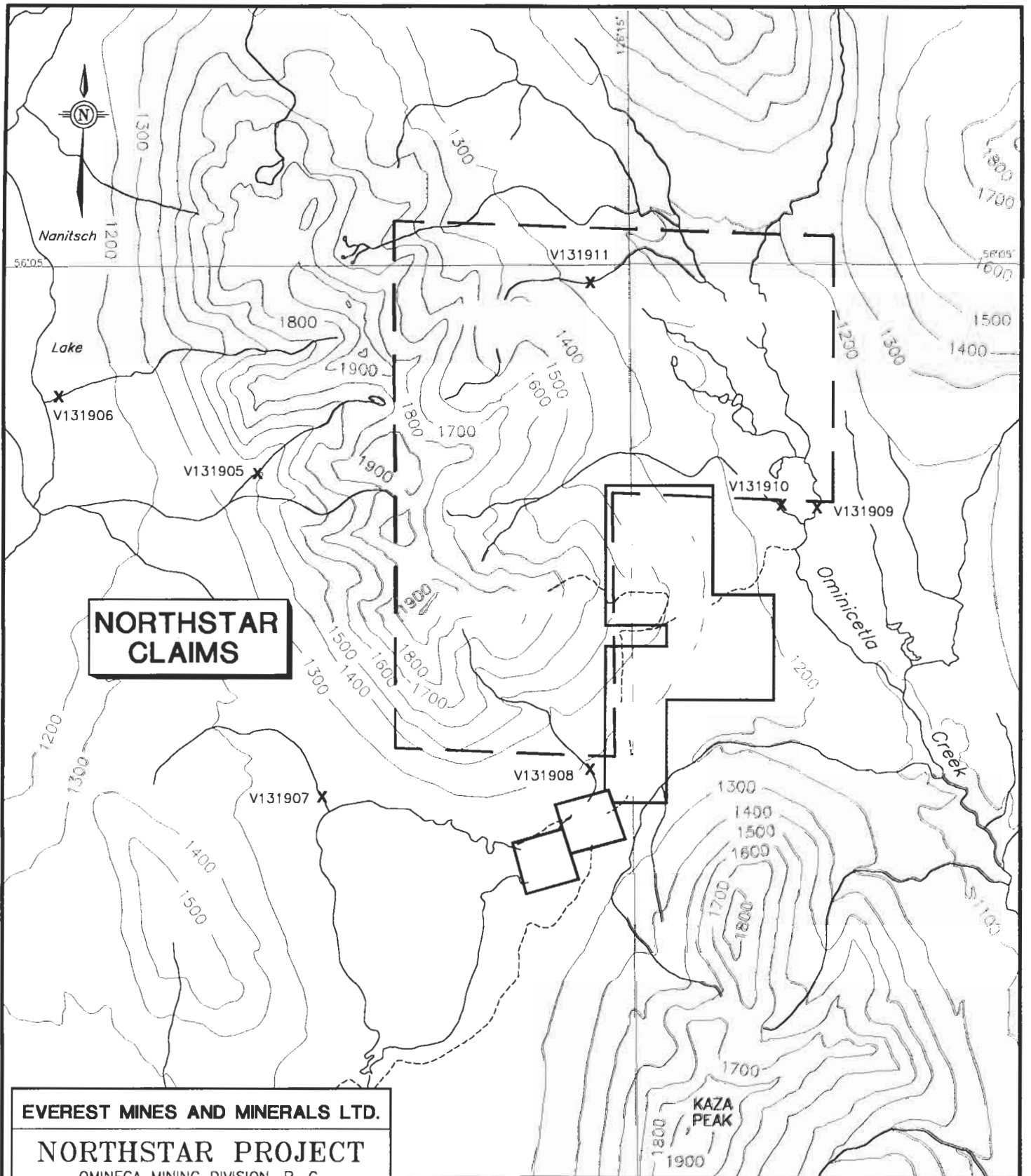
FIGURE: 6.2

During the 1996 program a “new” vein was located south of the known showings. It is located on the south edge of the cat strip on showing “B”, where a 10 meter bank caved exposing a malachite stained chalcocite, bornite, and covellite vein 0.75 meters in width. The vein is located in a 2 meter wide shear zone striking 160 degrees and dipping vertical. Detailed results are discussed under heading 8.0 Rock Sampling Results.

7.0 STREAM SEDIMENT SAMPLING

A program of regional stream sediment sampling was completed by sampling the creeks draining the mountain range in the vicinity of the known copper/silver showings (Refer to Fig. # 7.1 for sample location sites) . There were a total of seven, 10 kg., -20 mesh samples collected. The samples were collected by shoveling stream sediment and gravel through a -20 mesh screen until a sample weighing approximately 10 kgs. was placed into a large plastic sample bag. The samples were then shipped to Bondar Clegg Inchcape Testing Services located in North Vancouver. (Refer to Appendix A for sample analytical procedure and results)

The seven stream sediment samples did not uncover any copper/silver anomalies even though the creeks within 1-1.5 kms. of the known showings were sampled. There was one gold anomaly, sample # T1 V131909, of 433 ppb located below the known workings on Ominecetla creek.



**NORTHSTAR
CLAIMS**

EVEREST MINES AND MINERALS LTD.

NORTHSTAR PROJECT
OMINECA MINING DIVISION, B. C.

**STREAM SEDIMENTS
SAMPLE LOCATION**

METRES
0 1000 2000 3000

SIKANNI MINE DEVELOPMENT LTD.

DATE: OCT/96	SCALE: 1:50,000	FIGURE: 7.1
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X 20 mesh Stream Sediment Sample Location
V131905

┌ New Claims



J. M. Miller
OCT 22 1996

8.0 ROCK SAMPLING RESULTS

There were a total of 16 channel samples collected from the Northstar property. The samples were collected from three areas of past trenching completed during the late 60's. The three areas are Showing A, Showing B - zone 1, and Showing B - zone 2. The Showing B - zone 1 is located 100 meters south of Showing B - zone 2. All samples were collected by using a rock hammer to chip channel samples from the measured area. Samples, weighing approximately 4 kgs., were sent to Bondar Clegg Inchcape Testing Services of North Vancouver for analyses (Refer to Appendix A for analytical procedure and results).

Showing A consists of fine grained disseminated chalcocite hosted by malachite stained andesite. Channel sampling across the showing resulted in 6,287 ppm Cu over 8.0 meters. (Refer to Fig. # 8.1).

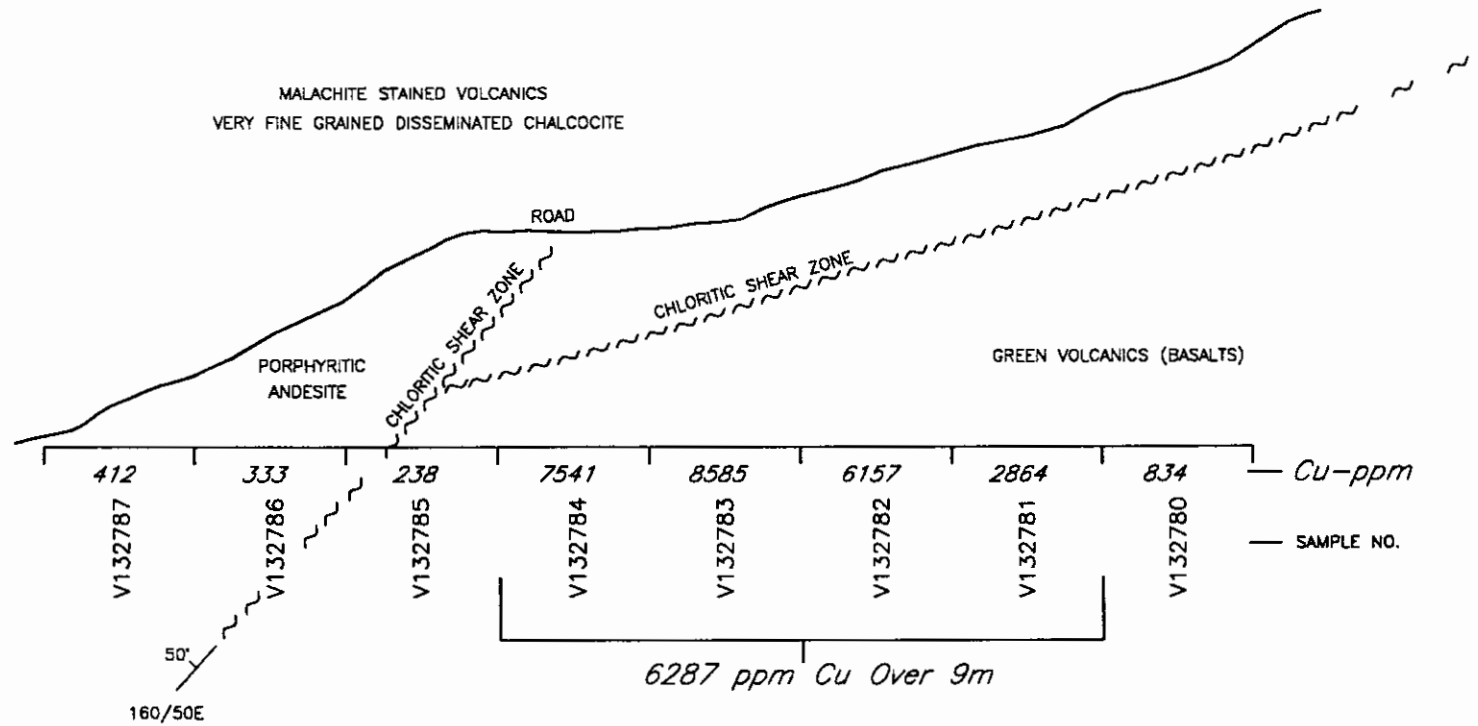
Showing B - zone 1 consists of copper/silver mineralization consisting of disseminated and stringers (<10 cms.) of chalcocite and bornite hosted by feldspar porphyry andesite.

Channel sampling of the dynamite trenching completed in the early 70's resulted in the following assays:

Main trench: 2.8% Cu, 13.6 g/t Ag over 16.0 meters.

EAST

WEST



NORTHSTAR SHOWING
(View Looking South)



J. Miller
Oct 22/96

EVEREST MINES AND MINERALS LTD.

NORTHSTAR PROJECT
OMINECA MINING DIVISION, B. C.

SHOWING 'A'
DETAIL ASSAY & GEOLOGY SECTION

METRES 0 1 2 3 4 METRES

SIKANNI MINE DEVELOPMENT LTD.

DATE: OCT/96	SCALE: 1:100	FIGURE: 8.1
--------------	--------------	-------------

Including: 4.0% Cu, 18.5 g/t Ag over 6.0 meters.

Side trench: 4.1 % Cu, 16.3 g/t Ag over 4.0 meters.

A “new” vein was discovered when mapping and sampling at showing B - zone 1 at the south end of the trenched area. A bank had caved exposing a massive chalcocite/bornite/covellite vein with malachite/azurite staining hosted by feldspar porphyry andesite. The vein, 0.75 meters in width, is in a 2.0 meter wide shear zone striking 160 degrees and dipping vertical. The following channel samples of this zone are as follows:

51.68% Cu, 279 g/t Ag over 1.0 meters.

20.60 % Cu, 124 g/t Ag over 2.0 meters.

Showing B - zone 2, located 100 meters to the north of zone 1, is comprised of three narrow (<30 cms.) chalcocite/bornite veins with malachite staining hosted by andesite feldspar porphyry andesite. The veins are sub-parallel striking north-south and dipping west from 50 to 80 degrees. Assays from channel sampling these veins are as follows:

8.4 % Cu, 50.4 g/t Ag over 2.0 meters.

11.8% Cu, 60.0 g/t Ag over 2.0 meters.

9.6% Cu, 55.0 g/t Ag over 1.0 meters.

7.7% Cu, 40.7 g/t Ag over 1.0 meters. (Refer to Fig.#8.2 for details).

9.0 CONCLUSIONS

There are three types of copper mineralization present on the Northstar property:

1. Disseminated copper in andesite.
2. Disseminated copper in porphyritic volcanics.
3. Chalcocite veining in porphyritic volcanics.

All three have high copper values, as documented by previous operators, (DDH #27 - 2.79%/26 feet and trench values 13.25% over 20 feet), and our 1996 program, but very little attention was spent on precious metal evaluation, as was the norm when gold was \$35/oz..

Trenching and drilling in the late 60's early 70's returned promising copper values. The drilling was completed in an erratic manner and correlation is difficult due to the missing data. The mineralized sections of core were removed entirely for assay and only barren wallrock remain.

The trenching and drilling has delineated the known zones to be striking north-south and dipping into the mountain at approximately 50 degrees to the west. Untested areas for exploration remain along strike and down dip on the known showings. Untested areas for exploration on the property remain to the north and west.

10.0 RECOMMENDATIONS AND COST ESTIMATES

A two phased program is recommended to explore the Northstar property. The first phase will consist of soil geochemical suveying and induced polarization survey with complementary magnetic survey over the showings and geochemical anomalies. The second phase, contingent on the first phase results, will be a diamond drilling program. The following budget is an estimate of the cost to complete the first phase:

<u>ITEM DESCRIPTION</u>	<u>COST ESTIMATE</u>
Soil sample analyses (500 samples x \$12/sample)	\$6,000
Geophysical survey & Interpretation (15 kms. x \$2,000/km.)	30,000
Linecutting/Gridding	5,000
Geo-technicians (20 days @ \$200/day)	4,000
Geologist (30 days @ \$400/day)	12,000
Helicopter Support (25 hrs. x \$750/hr.)	18,750
Project Supervision and Consulting	3,000
Room and Board (60 days @ \$90/day)	5,400
Truck Rental and Fuel (4 weeks)	2,000
Freight/Insurance/Permits	1,000
Field Supplies	500
Report Compilation/Office	4,000
Contingency	8,350
TOTAL	\$100,000.00

11.0 STATEMENT OF COSTS

<u>ITEM DESCRIPTION</u>	<u>COST</u>
Helicopter Support	\$8,000
2 Geo-technicians (16 man x \$200/day)	3,200
Geologist (8 days x \$400/day)	3,200
Stream Sediment Sample Analyses (7 samples x \$25/sample)	175
Rock Sample Analyses (24 samples x \$25/sample)	600
Truck Rental and Fuel	1,500
Room and Board	2,500
Consulting	1,000
Report preparation and Drafting	4,000
Office Overhead	500
TOTAL	\$24,675.00

11.0 STATEMENT OF COSTS

<u>ITEM DESCRIPTION</u>	<u>COST</u>
Helicopter Support	\$8,000
2 Geo-technicians (16 man x \$200/day)	3,200
Geologist (8 days x \$400/day)	3,200
Stream Sediment Sample Analyses	175
Rock Sample Analyses	400
Truck Rental and Fuel	1,500
Room and Board	2,500
Consulting	1,000
Report preparation and Drafting	4,000
Office Overhead	500
TOTAL	\$24,475.00

CERTIFICATE OF QUALIFICATIONS

I, **Jim Miller-Tait**, of 828 Whitchurch St., North Vancouver, British Columbia, V7L-2A4, do hereby certify that:

I hold a Bachelor of Sciences Degree in Geology (1986) from the University of British Columbia.

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

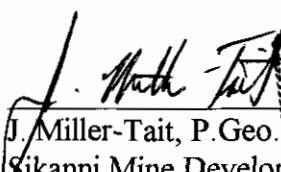
I have been practicing my profession as a geologist since 1986.


I am a Consulting Geologist and President of Sikanni Mine Development Ltd., an independent firm specializing in mineral exploration and mine development.

This report is based upon the evaluation of the available data and supervision of the work completed.

I hereby give my permission to include this report, or the summary thereof, in any document to be filed with any appropriate regulatory authority.

Dated at Vancouver, British Columbia, this 22nd day of October, 1996.


J. Miller-Tait, P. Geo.
Sikanni Mine Development Ltd.



11.0 REFERENCES

1. White, Wm.H., P.Eng., Report of a Geochemical Survey of the Lake Group Omineca Mining Division, July 20, 1967.
2. Sinclair, A.J., P.Eng., Report on the Fire Group of Claims, October 4, 1967.
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4. White, Wm.H., P.Eng., NorthStar Copper Mines Ltd. Progress Report #4, September, 1968.
5. White, Wm.H., P.Eng., Report of Current Mineral Exploration and Recommendations for Further Development of the Mining Properties of Northstar Copper Mines Ltd., October, 1968.
6. Kikuchi, Toru, P.Eng., Geological , Geochemical, Report Northstar Copper Mines Ltd., November 10, 1969.
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8. Andersen, Erik, Northstar Project Report of Exploration Work on Mineral Claims, July 1973.
9. Nethery, R.J., P.Eng., Summary Geological and Geochemical Report on the property of Northstar Copper Mines Ltd., October, 1973.

**APPENDIX A: ANALYTICAL PROCEDURE &
ANALYTICAL RESULTS**



Bondar Clegg

Inchcape Testing Services

Geochemical Lab Report

REPORT: V96-01612.0 (COMPLETE)

REFERENCE:

CLIENT: EVEREST MINES & MINERALS LTD.

SUBMITTED BY: J. MILLER-TAIT

PROJECT: NORTHSTAR/KAZA

DATE PRINTED: 14-OCT-96

ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	
1	AU	GOLD FIRE ASSAY	65	1 PPB	FIRE ASSAY	FIRE ASSAY-DCP
2	Au+	Grav. Gold Overlimit	6	0.17 PPM	FIRE ASSAY	FIRE ASSAY
3	PT	PLATINUM	65	5 PPB	FIRE ASSAY	FIRE ASSAY-DCP
4	Ag	Silver	65	0.5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
5	AgOL	Silver, semiquant.	1	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
6	Cu	Copper	65	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
7	CuOL	Copper, semiquant	13	0.1 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
8	Pb	Lead	65	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
9	Zn	Zinc	65	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
10	Mo	Molybdenum	65	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
11	Ni	Nickel	65	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
12	Co	Cobalt	65	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
13	Cd	Cadmium	65	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
14	Bi	Bismuth	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
15	As	Arsenic	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
16	Sb	Antimony	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
17	Fe Tot	Total Iron	65	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
18	Mn	Manganese	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
19	Te	Tellurium	65	25 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
20	Ba	Barium	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
21	Cr	Chrome	65	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
22	V	Vanadium	65	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
23	Sn	Tin	65	20 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
24	W	Tungsten	65	20 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
25	La	Lanthanum	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
26	Al	Aluminum	65	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
27	Mg	Magnesium	65	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
28	Ca	Calcium	65	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
29	Na	Sodium	65	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
30	K	Potassium	65	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
31	Sr	Strontium	65	1 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
32	Y	Yttrium	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
33	Ga	Gallium	65	10 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
34	Li	Lithium	65	2 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
35	Nb	Niobium	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
36	Sc	Scandium	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA

ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	
37	Ta	Tantalum	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
38	Ti	Titanium	65	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA
39	Zr	Zirconium	65	5 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER	
T	STREAM SED, SILT	12	1 -80	12	CRUSH/SPLIT & PULV.	52
R	ROCK	53	2 -150	53	DRY, SIEVE -80 OVERWEIGHT/KG	12 51

REMARKS:

Assay of high Cu to follow on V96-01612.6

REPORT COPIES TO: MR. J. MILLER-TAIT

INVOICE TO: P.O. 49057



Bondar Clegg Inchcape Testing Services

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SAMPLE NUMBER	ELEMENT UNITS	Ti PCT	Zr PPM
V131905		0.61	44
V131906		0.76	66
V131907		0.47	56
V131908		0.59	44
V131909		1.70	64
V131910		0.68	83
V131911		0.65	60
V131912		0.57	84
V131913		0.49	50
V131914		0.50	60
V131915		0.41	60
V131916		0.51	58
V131901		0.56	53
V131902		0.57	52
V131903		0.21	17
V131904		0.58	53
V132751		0.44	40
V132752		0.38	32
V132753		0.19	26
V132754		0.26	39
V132755		0.22	22
V132756		0.25	30
V132757		0.22	20
V132758		0.23	24
V132759		0.38	26
V132760		0.29	32
V132761		0.32	26
V132762		0.21	25
V132763		0.29	23
V132764		0.26	20



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SAMPLE NUMBER	ELEMENT UNITS	AU	Au+	PT	Ag	AgOL	Cu	CuOL	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Tot	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta
		PPB	PPM	PPB	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM
V132765	357	<5	3.7		947		61	103	15	24	115	<1	<5	142	18	>10.00	465	<25	341	127	139	<20	<20	<5	3.57	1.29	0.52	0.30	0.78	44	5	<10	11	<5	12	60			
V132766	205	<5	3.3		669		53	86	12	19	70	<1	<5	172	12	>10.00	730	<25	307	70	231	<20	<20	<5	4.89	2.68	2.13	0.75	0.93	107	7	<10	14	<5	13	50			
V132767	384	<5	8.3		1752		69	134	17	9	77	<1	<5	830	20	>10.00	328	<25	51	87	89	<20	<20	<5	1.17	0.64	0.21	<.01	0.17	4	<5	<10	6	<5	<5	66			
V132768	135	<5	4.3		972		64	142	11	14	63	<1	<5	432	11	>10.00	419	<25	678	74	106	<20	<20	<5	4.17	1.82	0.35	0.24	1.34	64	<5	<10	11	<5	6	64			
V132769	135	<5	3.8		1617		50	105	19	23	73	<1	11	104	20	>10.00	471	<25	88	104	139	<20	<20	<5	3.32	2.65	0.88	0.27	0.53	54	<5	<10	13	<5	8	58			
V132770	8	<5	1.2		284		45	71	7	21	20	<1	<5	43	<5	6.59	676	<25	530	129	99	<20	<20	<5	7.75	1.62	2.97	2.29	1.08	353	13	14	13	<5	12	14			
V132771	357	<5	15.0		5604		42	835	10	18	76	5	10	256	11	>10.00	694	<25	90	93	115	<20	<20	<5	2.46	1.95	0.70	0.02	0.22	15	<5	<10	12	<5	<5	41			
V132772	38	6	2.2		963		18	83	16	20	61	<1	<5	382	17	>10.00	1303	<25	116	228	138	<20	<20	<5	4.28	2.90	6.58	0.42	1.00	54	8	11	16	<5	20	68			
V132773	1675	0.97	<5	4.9	1881		13	83	30	17	89	<1	7	237	16	>10.00	407	<25	202	91	106	<20	<20	<5	4.11	1.52	1.40	0.40	1.11	38	<5	<10	11	<5	9	68			
V132774	808	<5	17.1		9466		19	172	13	3	103	<1	23	124	11	>10.00	361	<25	<5	49	135	<20	<20	<5	2.13	2.01	0.77	0.01	0.09	13	<5	<10	10	<5	7	92			
V132775	308	<5	5.7		2360		15	100	13	9	86	<1	9	119	15	>10.00	394	<25	52	61	89	<20	<20	<5	2.51	1.68	0.31	0.17	0.42	24	<5	<10	9	<5	8	84			
V132776	1623	4.69	<5	7.0	4577		5	130	21	15	126	<1	14	79	15	>10.00	604	<25	163	58	119	<20	<20	<5	4.06	1.47	2.95	0.50	0.31	109	7	<10	10	<5	9	55			
V132777	3744	4.77	<5	17.0	14569		5	238	11	25	136	<1	45	117	15	>10.00	683	<25	29	82	95	<20	<20	<5	3.13	1.22	3.46	0.26	0.16	53	<5	<10	11	<5	8	61			
V132778	4147	1.86	<5	30.4	>20000	3.1	8	373	10	18	112	2	<5	34	10	>10.00	1043	<25	270	32	122	<20	<20	<5	5.47	1.65	3.30	0.33	1.02	76	8	11	16	<5	9	46			
V132779	2433	3.70	<5	11.7	9811		14	95	16	19	186	<1	24	68	17	>10.00	358	<25	43	57	90	<20	<20	<5	1.36	0.52	0.80	<.01	0.26	19	<5	<10	3	<5	<5	106			
V132780	21	<5	1.6		834		8	105	8	7	16	<1	<5	17	<5	4.72	946	<25	265	28	194	<20	<20	<5	>10.00	1.89	2.55	2.57	1.19	379	16	14	27	<5	17	14			
V132781	30	<5	2.0		2864		<2	99	6	10	16	<1	8	7	<5	3.78	801	<25	191	29	185	<20	<20	<5	6.05	1.72	2.43	1.95	1.07	231	8	15	30	<5	9	15			
V132782	23	<5	3.0		6157		4	90	6	8	14	<1	11	10	<5	4.75	1000	<25	210	43	212	<20	<20	<5	>10.00	1.90	1.94	2.83	1.53	284	14	18	31	<5	14	11			
V132783	259	<5	3.3		8585		<2	107	5	5	17	<1	20	<5	<5	4.97	1036	<25	195	38	220	<20	<20	<5	8.47	1.96	2.15	2.67	1.32	300	12	17	34	<5	13	14			
V132784	20	<5	3.2		7541		4	90	5	4	16	<1	20	<5	<5	4.45	1002	<25	192	42	191	<20	<20	<5	8.86	2.00	2.85	2.63	1.17	292	13	16	37	<5	13	10			
V132785	2	<5	1.4		238		4	90	5	21	17	<1	<5	<5	<5	4.90	980	<25	94	52	207	<20	<20	<5	8.40	2.38	1.58	3.43	0.53	301	15	15	25	<5	17	10			
V132786	2	<5	1.4		333		<2	90	5	22	17	<1	<5	<5	<5	4.71	1050	<25	161	53	214	<20	<20	<5	8.41	2.57	1.59	3.07	0.81	311	15	15	26	<5	17	10			
V132787	2	<5	1.5		412		5	95	4	23	18	<1	<5	<5	<5	4.84	1093	<25	258	55	237	<20	<20	<5	8.49	2.51	1.54	3.07	1.31	418	17	15	25	<5	19	10			
V132788	15	<5	50.4		>20000	8.4	5	75	11	<1	14	2	72	15	<5	5.09	770	<25	250	113	183	<20	<20	<5	5.08	1.43	2.46	2.66	0.91	473	10	13	18	<5	12	14			
V132789	23	<5	60.0		>20000	11.8	4	82	<1	<1	15	<1	56	<5	<5	5.97	828	<25	270	77	182	<20	<20	<5	8.49	1.57	2.30	2.92	0.87	227	20	<10	14	<5	21	24			
V132790	50	<5	55.0		>20000	9.6	9	74	<1	<1	14	<1	69	7	<5	4.24	718	<25	239	97	196	<20	<20	<5	4.67	1.32	1.42	2.68	0.80	353	11	10	16	<5	12	14			
V132791	106	<5	40.7		>20000	7.7	4	69	1	<1	9	<1	40	<5	<5	5.35	776	<25	493	114	175	<20	<20	<5	9.18	1.16	2.15	2.85	1.11	295	19	<10	12	<5	19	19			
V132792	31	<5	19.6		>20000	4.4	5	83	1	<1	20	<1	54	<5	<5	6.27	1377	<25	257	69	239	<20	<20	<5	9.11	2.37	2.38	3.24	1.00	235	18	12	20	<5	24	26			
V132794	17	<5	16.1		>20000	3.3	<2	83	<1	3	21	<1	32	<5	<5	5.37	1396	<25	270	59	236	<20	<20	<5	5.74	1.94	3.55	3.55	0.81	254	10	12	17	<5	14	19			
V132795	19	5	19.9		>20000	4.2	4	87	3	<1	18	<1	83	7	<5	7.45	1245	<25	250	69	234	<20	<20	<5	9.83	2.21	1.91	3.16	1.27	198	15	12	21	<5	20	23			



Bondar Clegg Inchcape Testing Services

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SAMPLE NUMBER	ELEMENT UNITS	Ti PCT	Zr PPM
V132765		0.22	20
V132766		0.30	21
V132767		0.07	14
V132768		0.14	22
V132769		0.21	19
V132770		0.26	35
V132771		0.07	14
V132772		0.24	24
V132773		0.20	30
V132774		0.08	16
V132775		0.11	16
V132776		0.21	25
V132777		0.22	25
V132778		0.27	26
V132779		0.05	8
V132780		0.43	47
V132781		0.35	30
V132782		0.50	52
V132783		0.49	37
V132784		0.46	42
V132785		0.48	54
V132786		0.47	54
V132787		0.51	60
V132788		0.54	43
V132789		0.53	122
V132790		0.56	43
V132791		0.63	97
V132792		0.52	66
V132794		0.54	50
V132795		0.56	64



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SAMPLE NUMBER	ELEMENT UNITS	AU PPB	Au+ PPM	PT PPB	Ag PPM	AgOL PPM	Cu PPM	CuOL PCT	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Tot PPM	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	AL PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM
V132796	} N.S.	3	<5	5.3	9438		<2	90	<1	14	17	<1	10	<5	<5	4.90	1267	<25	200	45	194	<20	<20	<5	5.45	1.88	3.82	2.72	0.84	217	8	11	19	<5	12	15			
V132797		8	<5	5.3	8120		4	87	1	16	20	<1	8	<5	<5	5.23	1171	<25	253	41	189	<20	<20	<5	5.67	1.89	4.55	2.33	1.04	229	9	11	18	<5	12	19			
V132798		7	<5	8.9	14782		<2	86	<1	10	20	<1	11	<5	<5	5.28	977	<25	261	45	201	<20	<20	<5	5.06	1.89	3.24	2.44	1.23	205	7	<10	17	<5	12	21			
V132799		3	<5	2.4	2066		<2	84	<1	17	16	<1	<5	<5	<5	4.92	995	<25	141	38	184	<20	<20	<5	5.77	1.53	4.16	2.64	1.11	174	8	11	14	<5	12	14			
V132800		14	<5	31.3	>20000	6.7	5	87	<1	<1	16	<1	<5	<5	<5	5.91	1074	<25	162	55	189	<20	<20	<5	6.23	1.57	1.54	2.41	1.06	160	11	<10	14	<5	12	17			



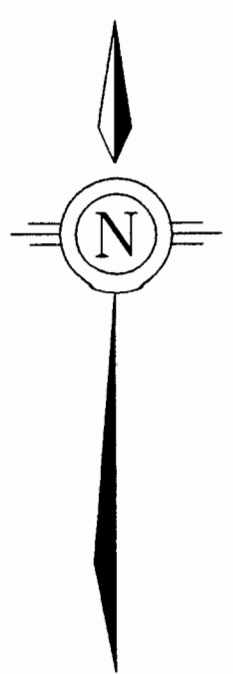
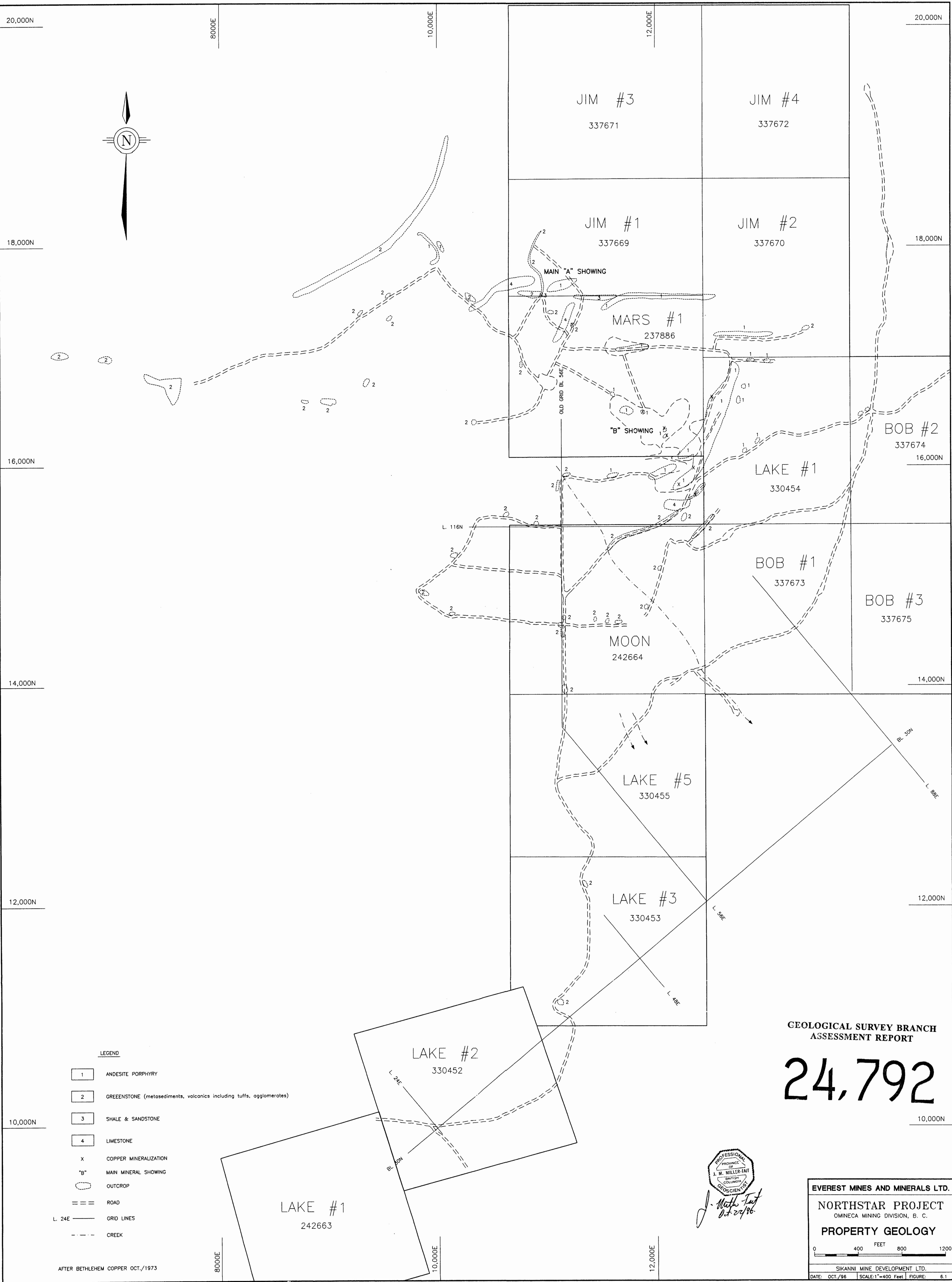
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SAMPLE NUMBER	ELEMENT UNITS	Ti PCT	Zr PPM
V132796		0.44	42
V132797		0.45	43
V132798		0.43	41
V132799		0.44	39
V132800		0.51	39



- LEGEND**
- 1 ANDESITE PORPHYRY
 - 2 GREENSTONE (metasediments, volcanics including tuffs, agglomerates)
 - 3 SHALE & SANDSTONE
 - 4 LIMESTONE
 - X COPPER MINERALIZATION
 - "B" MAIN MINERAL SHOWING
 - OUTCROP
 - === ROAD
 - L. 24E GRID LINES
 - - - CREEK

AFTER BETHLEHEM COPPER OCT./1973

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

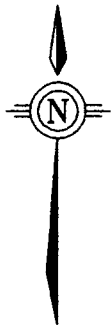
24,792

PROFESSIONAL
GEOLOGIST
J. M. MILLER-TAIT
SQUAMISH
COLUMBIA
B.C.
OCT. 27/96

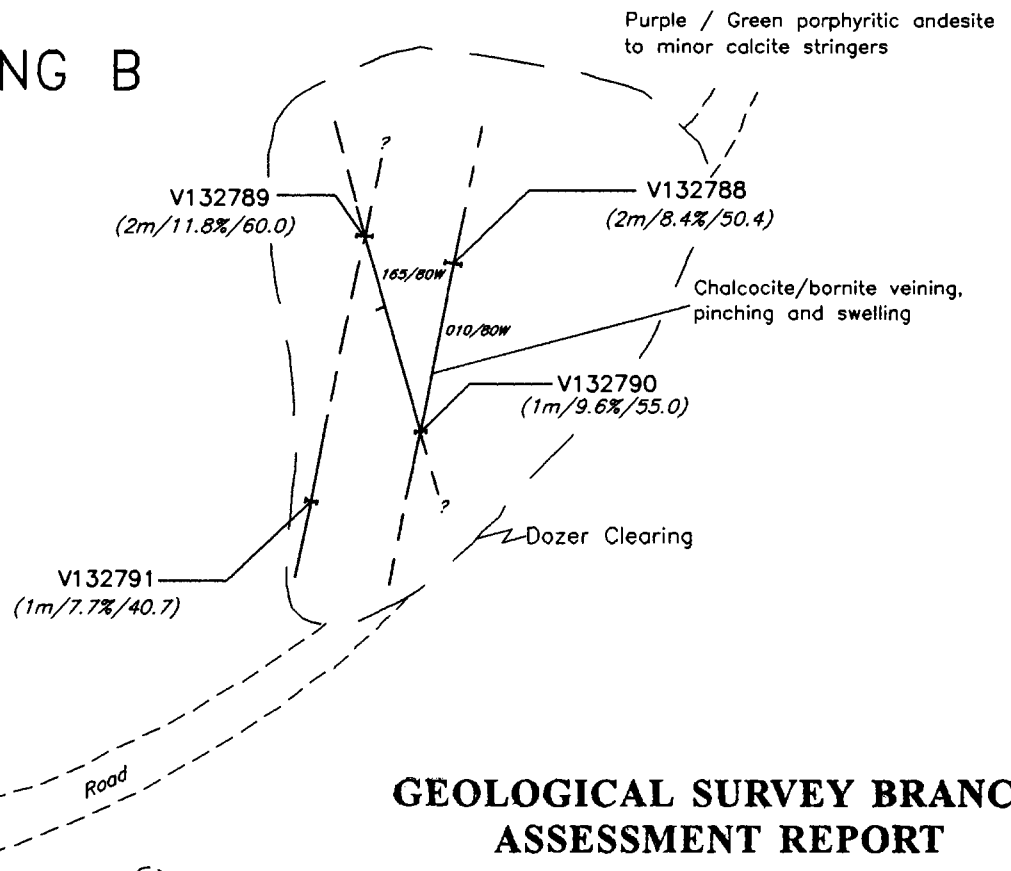
EVEREST MINES AND MINERALS LTD.
NORTHSTAR PROJECT
OMINECA MINING DIVISION, B. C.
PROPERTY GEOLOGY

0 400 FEET 800 1200

SIKANNI MINE DEVELOPMENT LTD.
DATE: OCT./96 SCALE: 1"=400 Feet FIGURE: 6.1



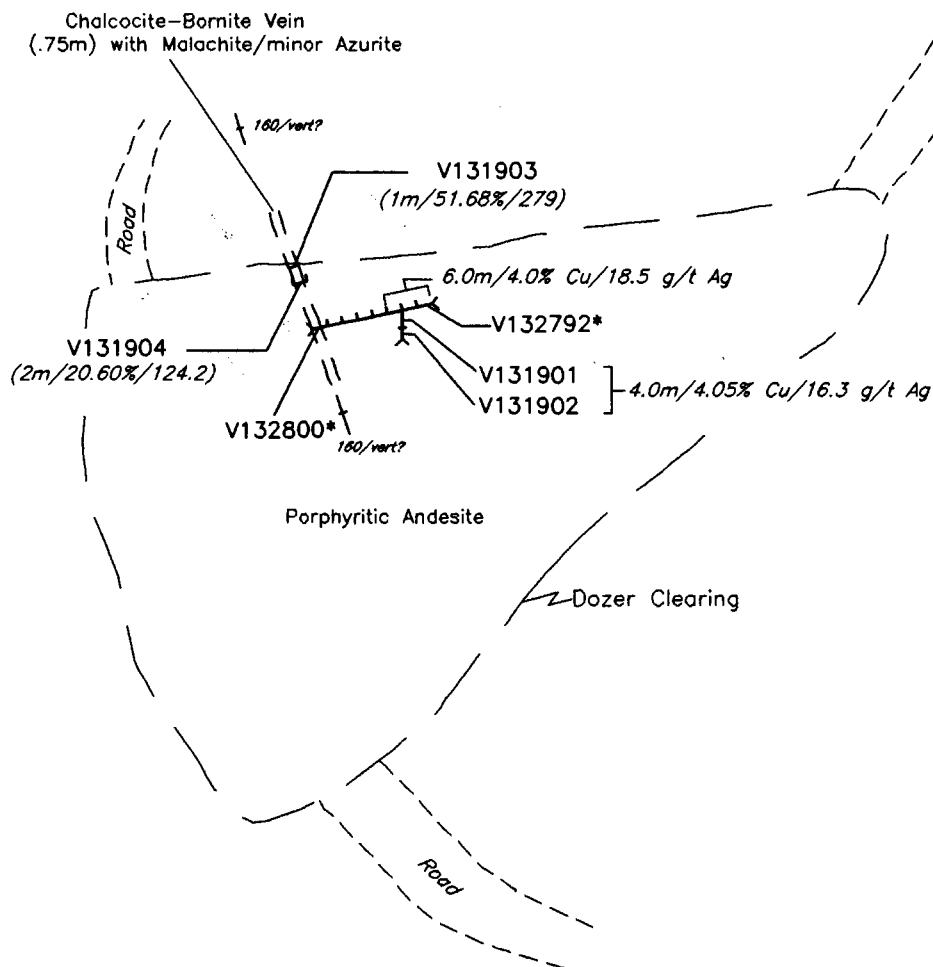
NORTHSTAR SHOWING B ZONE #2



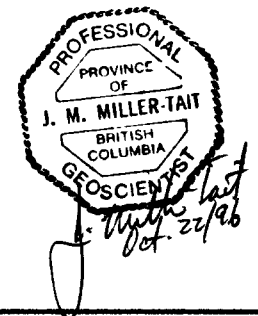
Sample No.	Width metres	Cu ppm/%	Ag ppm
V132792*	2m	4.4%	19.6
V132794	2m	3.3%	16.1
V132795	2m	4.2%	19.9
V132796	2m	9438	5.3
V132797	2m	8120	5.3
V132798	2m	14782	8.9
V132799	2m	2066	2.4
V132800*	2m	6.7%	31.3
	16m	2.8%	13.6 g/t

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

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NORTHSTAR SHOWING B ZONE #1

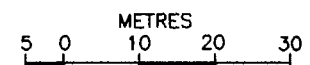


EVEREST MINES AND MINERALS LTD.

NORTHSTAR PROJECT

OMINECA MINING DIVISION, B. C.

SHOWING 'B'
DETAIL ASSAY &
GEOLOGY MAP



SIKANNI MINE DEVELOPMENT LTD.

DATE: OCT/96 SCALE: 1:1000 FIGURE: 8.2