

LOG NO: [MAR 29 1995 U  
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**GEOLOGICAL & GEOCHEMICAL**

**REPORT**

on

the

**HUGH CLAIMS**

**SKEENA MINING DIVISION  
STEWART AREA, B.C**

**NTS: 104A/4**

SUB-RECORDER  
RECEIVED  
MAR 10 1995  
M.R. W. ...  
VANCOUVER, B.C.

**LATITUDE: 56°07'N  
LONGITUDE: 129°37'W**

For

**CAMECO CORPORATION**

**FILMED**

By

**NICHOLSON & ASSOCIATES GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**NOVEMBER 10, 1994**

**23,846**

## SUMMARY

During the months of August and September of 1994, a program of geological mapping and rock/soil sampling was undertaken on the Cornice Mountain property. The work was performed by four climbers/geotechnicians from Nicholson and Associates on a subcontract from Orequest Consultants. A total of 96 mandays at total field costs of \$67,717.50 was spent on the property. The claims are optioned by Cameco Corporation from Trev Corp. Cameco can earn a 70% interest in the claims by making escalating option payments.

The Cornice Mountain property comprises 273 contiguous units, staked as 15 mineral claims (Hugh 1-15 claims), all within the Skeena Mining Division. The property is located approximately 30 km. northeast of Stewart, B.C. The 1994 work program was concentrated on the Hugh 5, 6, 7, 8 claims only.

The program focused on following up on the 1993 mapping/sampling/drill program on the Breccia and Bench zones to further investigate the structure and extent of these mineralized zones. The crew was flown in daily from Highway 37 by helicopter, supplied by VIH helicopters. Accommodations were had in Stewart.

A total of 276 rock and 69 soil samples were collected. Prospecting and geological mapping was performed at 1:5,000 scale on the Hugh 5 - 8 claims.

The rocks underlying the Hugh 5 - 8 claims are Early Jurassic volcanics of the Unuk River formation and middle Jurassic volcanics of the Betty Creek formation. These rocks are unconformably overlain by Middle Jurassic sedimentary rocks of the Salmon River formation. All of these rocks are intruded by a tertiary quartz monzonite plug with related dykes and by various intermediate and felsic porphyritic dykes.

The Breccia and Bench zone area was further sampled and mapped at 1:250 scale. Assay results from similar limestone breccias adjacent to these zones were disappointing. Anomalous samples were erratic, ranging to 329 ppb Au, 15.1 ppm Ag, 3147 ppm Cu, 318 ppm Pb and 25062 ppm Zn.

Two previously unmapped gossans, consisting of quartz-sericite-pyrite altered tuffs were extensively sampled. No significant assays were returned, with highest values

of 55 ppb Au, 32.8 ppm Ag, 198 ppm Cu, 2384 ppm Pb and 1517 ppm Zn. These zones are located approximately 600 meters southwest of the Cornice Mountain summit referred to as the Southern Gossan, and 500 meters northwest of the summit referred to as the Western Gossan.

A soil line (L2) at approximately the 7300 foot elevation, just southeast of the Cornice Mountain Summit is anomalous over a 350 meter length (from 2 + 50 W to 6 + 00 W) with assays up to 308 ppb Au, 62.3 ppm Ag, 1349 ppm Cu, 2526 ppm Pb and 6175 ppm Zn.

The remainder of the anomalous samples were taken from mineralized (pyrite, chalcopyrite) quartz veins and pods, occurring sporadically throughout the main east-west trending summit ridge between Cornice Mountain and Entrance Peak (the boundary of the Hugh 5, 6 and Hugh 7, 8 claims). Assays ranged to 300 ppb Au, 237.2 ppm Ag, 15751 ppm Cu, 442 ppm Pb and 2454 ppm Zn, 824 ppm As and 307 ppm Sb.

Mineralization in this summit area and its relation to geology appears to be of a porphyry type deposit, possibly with a hydrothermal overprint. The mineralization in the Bench zone, Breccia zone area seems to be of a hydrothermal (mesothermal or epithermal) origin.

## **TABLE OF CONTENTS**

	<b><u>PAGE</u></b>
SUMMARY	2
INTRODUCTION	6
LOCATION AND ACCESS	7
CLAIM STATUS	9
TOPOGRAPHY, VEGETATION, CLIMATE	11
HISTORY	12
REGIONAL GEOLOGY	15
PROPERTY GEOLOGY	18
STRUCTURAL GEOLOGY	20
MINERALIZATION AND ALTERATION	22
GEOCHEMICAL RESULTS	24
DISCUSSION OF RESULTS	28
CONCLUSION AND RECOMMENDATIONS	30
PROPOSED PHASE ONE BUDGET	32
STATEMENT OF COSTS	33
REFERENCES	34
CERTIFICATE(S)	35
APPENDIX 1: CLAIM STATUS	37
APPENDIX 2: ASSAY TECHNIQUES	38
APPENDIX 3: ASSAY RESULTS/SAMPLE DESCRIPTION	39

## LIST OF FIGURES

	<u>PAGE</u>
1/ LOCATION MAP	8
2/ CLAIM MAP	10
3/ REGIONAL GEOLOGY	17
4/ PROPERTY GEOLOGY	19
4a. structural geology	21
5/ GEOLOGY (1: 5,000) OF HUGH 5-8 CLAIMS	BACK POCKET
6/ SAMPLE LOCATIONS ON HUGH 5-8 CLAIMS	BACK POCKET
7/ BRECCIA/ BENCH ZONE GEOLOGY & SAMPLE LOC.	BACK POCKET

## **INTRODUCTION**

During the months of August and September, Nicholson and Associates undertook a program of geological mapping, sampling and prospecting on the Hugh Claim Block. The claims which are located on N.T.S. map sheet 104A/4 at a latitude of  $56^{\circ}07'$  N, longitude,  $129^{\circ}37'$ W are held under option by Cameco Corporation from Trev Corporation.

Work was directed at following up on showings that had been previously outlined by Geofine in there 1992 - 1993 programs. Work was concentrated in the vicinity of the Breccia Zone, Bench Zone and Copper Zone in an effort to expand upon these known zones of mineralization.

Results from the 1994 program provided mixed results. Results from the Breccia Zone, Bench Zone and Copper Zone returned discouraging results. Results obtained in the area of Cornice Mountain returned anomalous values in Au, Ag, Pb, Zn Sb and As. Several areas of interest were noted. Of particular interest is an area located southwest of Cornice Mountain which shows as a gossanous zone at a volcanic - sedimentary contact.

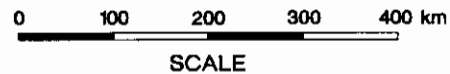
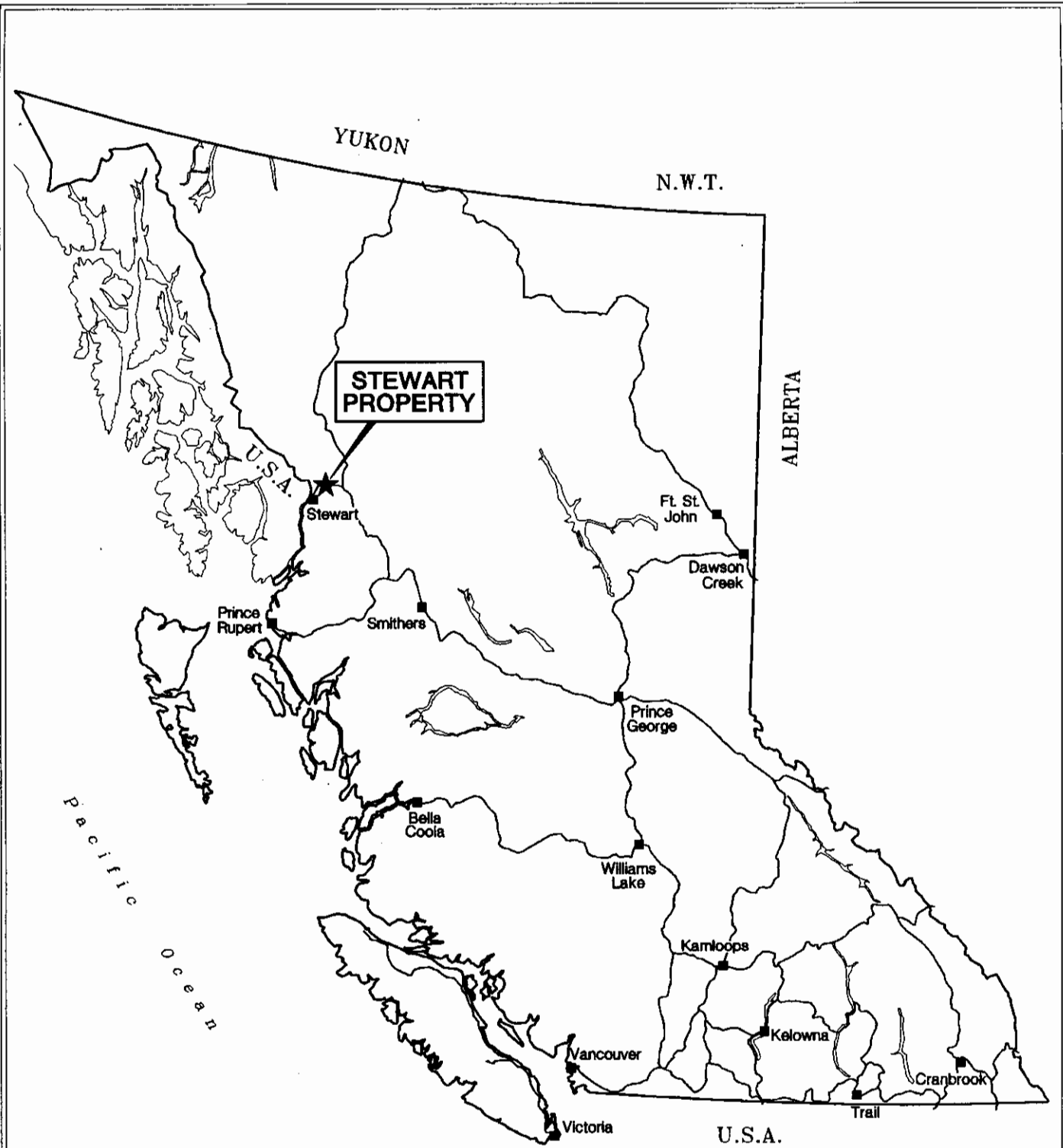
A follow up program of \$50,000 is being proposed for the 1995 field season to test out this area and other areas of interest on the property.

## **LOCATION and ACCESS**

The Hugh claims are located 30 kilometers east of the town of Stewart, B.C. The claims are bisected by Highway 37A. The claims are located on N.T.S. map sheet 104A/4 at latitude 56° 07' N, Longitude 129° 37' W. ( figure1 )

Access to the property is presently gained by either V.I.H. Helicopters based in Stewart or by Highland Helicopters which is based in the Elsworth logging camp located along Highway 37.

Accommodation at present can be had in either Stewart, or arrangements can be made to stay at the Elsworth logging camp in Elsworth.



<b>TREV CORP.</b>		
<b>GAMECO OPTION - STEWART PROPERTY</b>		
Skeena Mining Division, B.C.		
<b>LOCATION MAP</b>		
<b>NICHOLSON AND ASSOCIATES</b>		
SCALE :	AS SHOWN	DRAWN BY : Lumina Drafting Ltd.
DATE :	OCT 1994	FILE : CAMBC.DWG
		REVISED :
		FIGURE : 1



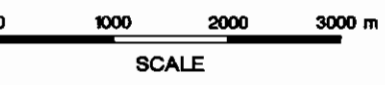
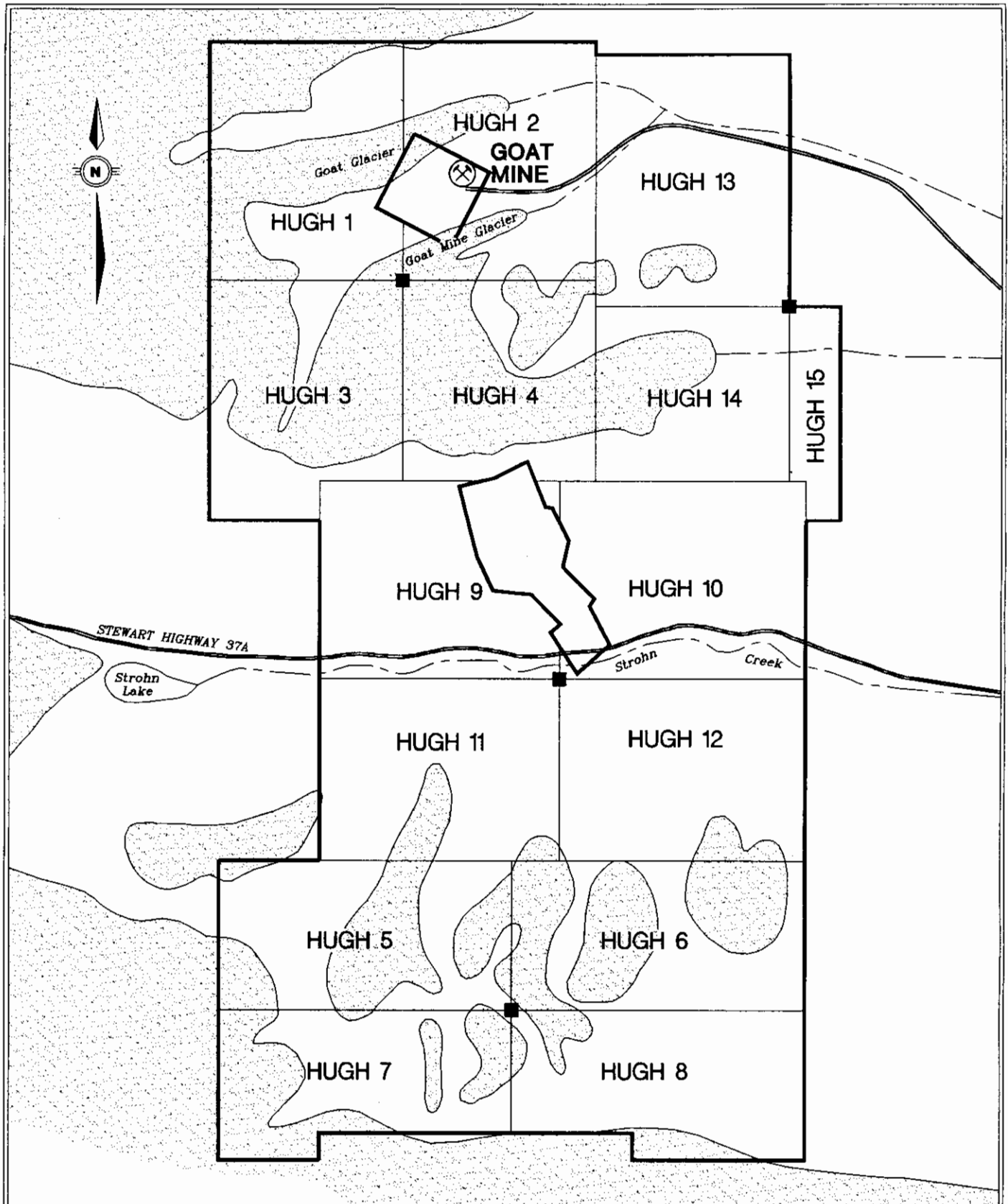
## CLAIM STATUS

The Hugh Claims are currently held under option by Cameco Corporation from Trev Corp. who can earn a 70% interest in the property by making option payments of \$245,000 and meeting work commitments of 1.5M over a period of 5 years. Trev Corp., would retain a 30% working interest in the property once the option had been exercised.

The Hugh claims which are comprised of 15 mineral claims, were staked on the modified metric grid system. The claims (figure 2) are located on N.T.S. map sheet M104A/4E and comprise of the following claims: ( Appendix 1)

Name	Tenure#	Units	Ha	Staking Date	Present Expiry	Current Expiry*
Hugh 1	252521	20	500	March 13, 1988	March 13, 1999	March 13, 1999
Hugh 2	252522	20	500	March 13, 1988	March 13, 1999	March 13, 1999
Hugh 3	252523	20	500	March 13, 1988	March 13, 1999	March 13, 1999
Hugh 4	252524	20	500	March 13, 1988	March 13, 1999	March 13, 1999
Hugh 5	252525	18	450	March 13, 1988	March 13, 1999	March 13, 2003
Hugh 6	252526	18	450	March 13, 1988	March 13, 1999	March 13, 2003
Hugh 7	252527	18	450	March 13, 1988	March 13, 1999	March 13, 2003
Hugh 8	252528	18	450	March 13, 1988	March 13, 1999	March 13, 2003
Hugh 9	252529	20	500	March 13, 1988	March 13, 1999	March 13, 1999
Hugh 10	252530	20	500	March 13, 1988	March 13, 1999	March 13, 1999
Hugh 11	252531	20	500	March 13, 1988	March 13, 1999	March 13, 1999
Hugh 12	252532	20	500	March 13, 1988	March 13, 1999	March 13, 1999
Hugh 13	309947	20	500	June 9, 1992	June 9, 1999	June 9, 1999
Hugh 14	309948	16	400	June 9, 1992	June 9, 1999	June 9, 1999
Hugh 15	309949	8	125	June 9, 1992	June 9, 1999	June 9, 1999
<b>TOTAL UNITS</b>		<b>273</b>				

\* after 1994 field expenses have been applied.



 Glaciers

<b>TREV CORP.</b>		
<b>CAMECO OPTION - STEWART PROPERTY</b> Skeena Mining Division, B.C.		
<b>HUGH CLAIMS CLAIM MAP</b>		
<b>NICHOLSON AND ASSOCIATES</b>		
SCALE : AS SHOWN	DRAWN BY : Luminai Drafting Ltd.	FILE : CAMHUGH.DWG
DATE : OCT 1994	REVISED :	FIGURE : 2

## **TOPOGRAPHY, VEGETATION and CLIMATE**

The topography on the Hugh Claim block varies from 425 meters to 2400 meters above sea level. The terrain on the property is very steep and rugged. The property is covered by 20 - 30% ice, while the remainder of the property is covered in snow for 6 - 7 months of the year. Access on the property is limited to ridge tops and talus slopes which are slow to maneuver on. The rest of the property is accessed using mountain climbing equipment only.

Vegetation on the lower reaches of the property consists of a thick tangle of slide alders, bramble berry bushes, devils club and over mature stands of timber. At higher elevations, alpine conditions exist. Vegetation consists of lichens and grasses which are confined to rock ledges, cracks and ridge tops throughout the property.

The climate on the property is typical mountain coastal weather which changes quickly.

Snowfall on the property averages between 500 to 1500 centimeters. Access on the property is therefore limited to the months of mid June thru to the middle of September.

Water on the property is confined to glacial melt and is limited to the summer months only.

## **EXPLORATION HISTORY**

Exploration history in the vicinity of the property dates back to the turn of the century when placer miners were attracted to the area in search of placer gold in local streams and creeks. Eventual placer mining of the creeks led to the discovery of mineralized showings on the nearby creeks of the Del Norte, Nelson, Willoughby and the Bear River

Small high grade operations operated intermittently on these showings which eventually ceased due to lack of ore and falling metal prices.

Work in the area subsided with the advent of the "dirty thirtys," the outbreak of the world wars and metal prices collapsing.

Exploration in the immediate area started up again in 1959 when the Ken claims were staked to cover favourable gold - silver showings. These showings were eventually put into production which led to the mining of 2000 tons of high grade gold-silver bearing ore being stockpiled and processed on site. Work on the property ceased shortly after the mining of the 2000 tons and only intermittent work on the ground has taken place.

On the immediate claim block, sporadic work was done on showings at lower elevations as is evident by test pits and trenches found on the property.

The most recent work undertaken on the claims was undertaken in 1989-90 by Bond Gold Canada which carried out a helicopter airborne magnetic, electromagnetic and VLF-EM survey over the Hugh Claims.

Follow up work undertaken in 1992-1993 by Geofine Exploration Consultants utilizing Bond Golds results, led to the discovery of several mineralized showings on the property. The most notable of these showings being the Breccia - Bench Zone which returned values of 12.7g/t Au over 9.4 meters. Eventual drilling in the vicinity of the Breccia - Bench Zone returned discouraging results and a re - evaluation of the showings found that the Breccia - Bench Zones were that of a possible dip slope. Other mineralized showings were found on the property, but received only limited follow up work .

In the immediate area, Camnor Resources on their Willoughby Project is exploring a precious metal prospect located at the head waters of Willoughby creek. Camnor undertook an aggressive drill program on the property and outlined several mineralized zones. The zones occur within a sequence of a mineralized volcanic, sedimentary contacts which has been intruded by Early Jurassic Goldslide and Hillside intrusives. Mineralization consists generally of massive pyrrhotite and pyrite with varying amounts of chalcopyrite and sphalerite. The best results which Camnor drilled came from hole W94-15 which returned values of 1.17 oz/ton Au, and 3.03 oz/ton silver over a width of 38.4 feet.

Nearby, Teuton Resources on a regional program, located several new showings on their vast land holdings and Prime Equities International located several new showings on their MM option.

American Barrick on their Red Mountain Au-Ag deposit, continues to explore their property for further tonnage. The deposit, which has drill proven reserves of 2.8 million tons, grading 0.37 oz/ton gold, occurs at a sedimentary - volcanic contact which has been intruded by the Early Jurassic Goldslide and Hillside intrusives with related hornblende feldspar porphyry dykes of varying composition. Mineralization consists mainly of semi-massive to massive, medium to coarse grained pyrite and/or stringer which contain varying amounts of chalcopyrite, pyrrhotite and sphalerite. Gold occurrences in the system is zoned and higher values are associated with coarse pyrite and lesser chalcopyrite (1-30 meters wide), which is characterized by adjacent pyrrhotite-sphalerite mineral zones (5-25 meters wide). Current reserves are based on extrapolated diamond drill hole data from the Marc and AV zones which are traced horizontally and vertically for about 600 meters (Smit, H. 1994, personal communication).

Westmin Resources is presently operating their Premier Gold Project from development work on the No. 6 level of the Silbak-Premier deposit as well as Tenajon's SB deposit several kilometres to the north. The Silbak-Premier has a recorded production in excess of 2 million ounces Au, 40 million ounces Ag, and 100 million pounds of Pb-Zn from about 5 million tons of ore. Production from two distinct breccia and vein stockwork trends, the Main and West zones, came from ore shoots distributed along a combined strike length of 1,600 meters, but 80% of the production was recovered from within 500 meters of the intersection of these two trends. The intersection area contained the widest ore shoots (up to 20 meters)

meters) and those with the highest Au-Ag grades (Alldrick, D.J., 1993).

## **REGIONAL GEOLOGY**

The Hugh Group of claims lie on the eastern extremities of the Stewart Mining camp of the Salmon River map area. The property lies close to the boundary between the Intermontaine Belt and the Coast Plutonic complex of the Canadian Cordillera. The property lies in the southern part of the Stikine Arch, a late Paleozoic to Mesozoic assemblage of volcanic and sedimentary rocks. The Stikine Arch stretches from Anyox to Atlin, and east to Telegraph Creek around the northern edge of the Bowser Basin.

Within the Stikine Arch, Triassic rocks are found only in the Iskut and Unuk River area. Named the Stuhini /Takla Group (Alldrick , 1993) these rocks are dominantly intermediate volcanics and sediments and host several deposits in the area, namely the Snip, Stonehouse, Inel, and Granduc.

Triassic rocks are unconformably to gradationally overlain by the Lower to Middle Jurassic Hazelton Group. Grove (1986) divided the Jurassic Hazelton into four major lithostratigraphic divisions: the Unuk River Formation (Early Jurassic), the Betty Creek and Salmon River Formations (Middle Jurassic), and the Nass Formation (Late Jurassic). Anderson and Thorkelson (1990) do not include the Nass Formation, which includes the Bowser Basin sediments. The Hazelton Group is dominated by island arc volcanics which are the source rocks for much of the Bowser Basin sediments. Anderson and Thorkelson (1990) do recognize a regionally mappable unit (the Mt. Dilworth Formation) between the Betty Creek Formation and the Salmon River Formation.(figure 3)

The Unuk River Formation is characterized by basal pyroclastic flows which are progressively overlain by tuffs, argillites, local andesitic breccia and finally conglomerates with interbedded tuffs, wackes, siltstones and minor carbonate lenses.

The Betty Creek Formation unconformably overlies the Unuk River Formation and is comprised of maroon to green volcanic siltstone, greywacke, conglomerate, breccia, basaltic pillow lavas, andesitic flows and some carbonate lenses.

The Mt. Dilworth Formation, recognized in the Iskut-Unuk River region, consists of tuff breccia, felsic tuff, ash tuff, and argillaceous sediments.

The Salmon River Formation conformably to unconformably overlies the Betty Creek Formation and the Mt. Dilworth Formation. It consists of intensely folded, colour banded siltstones and lithic wackes with locally occurring calcarinite and volcanic components.

At the end of the Middle Jurassic the volcanic complex was uplifted and detritus shed from the Stikine Arch into the adjacent Bowser Basin. The Nass Formation outcrops mainly along the western part of the basin and represents primarily deltaic accumulation of material consisting of conglomerate, and calcareous siltstone.

These volcanics and sedimentary sequences were subsequently intruded by Middle Jurassic to Early Tertiary granitoid intrusions associated with the Coast Plutonic Complex. The intrusions can be an important source for localizing mineralization.

Late stage (Quaternary) basaltic volcanism resulted in deposits of columnar basaltic flows, ash and tephra layers, and cinder cones, that are relatively rare in the southern part of the Stikine Arch. Pleistocene and Recent glaciation has eroded and covered much of this volcanism.





**LEGEND**

**STRATIFIED ROCKS COVER**

Middle to Upper Jurassic

- [UJ] Upper Jurassic clastic rocks
- [MUJ] Middle and Upper Jurassic clastic rocks
- [Jc] Lower to Middle(?) Jurassic clastic rocks

**BASEMENT**

Lower to Middle(?) Jurassic

- [Jdf] debris flow conglomerate and volcanic debris flows
- [Jm] Red Mountain sequence

**Lower Jurassic**

- [Jh] hornblende-feldspar-phryic volcanic rocks
- [Jd] felsic volcanic rocks
- [Jp] pyroxene-bearing volcanic and volcanoclastic rocks
- [Jmp] maroon pyroclastic rocks
- [Jme] maroon epiclastic rocks
- [Jm] maroon feldspathic pyroclastic and epiclastic rocks
- [Jvc] volcanoclastic rocks
- [Jt] andesite / dacite lapilli and ash tuff
- [Jcv] undivided clastic and volcanic rocks
- [Jv] undivided volcanic rocks

**Upper Triassic**

- [Tv] volcanoclastic rocks

**Triassic or older**

- [PTb] crowded feldspar-phryic basalt

**PLUTONIC ROCKS**

**Tertiary(?)**

- [\*] quartz monzonites to diorite

**Middle or Late Jurassic to Tertiary**

- [Jrb] Bromley Glacier pluton

**Middle Jurassic to Cretaceous**

- [Jkf] felsic intrusions
- [Jkbp] Bear Pass pluton
- [Jkb] Bulldog Creek pluton
- [Jkg] Goldside intrusion

- Highway
- ..... limit of mapping
- limit of permanent ice
- - - - - thrust or reverse fault
- ▲▲▲ high angle fault
- - - - - geological contact: known, inferred, assumed



SCALE

**TREV CORP.**

**CAMECO OPTION - STEWART PROPERTY**  
Skeena Mining Division, B.C.

**GEOLOGY OF THE  
CAMBRIA ICEFIELD AREA**

**NICHOLSON AND ASSOCIATES**

SCALE : 1 : 250,000	DRAWN BY :	FILE : CAM4a.DWG
DATE : OCT 1994	REVISED :	FIGURE : 3

## **PROPERTY GEOLOGY (HUGH 5 - 8 CLAIMS)**

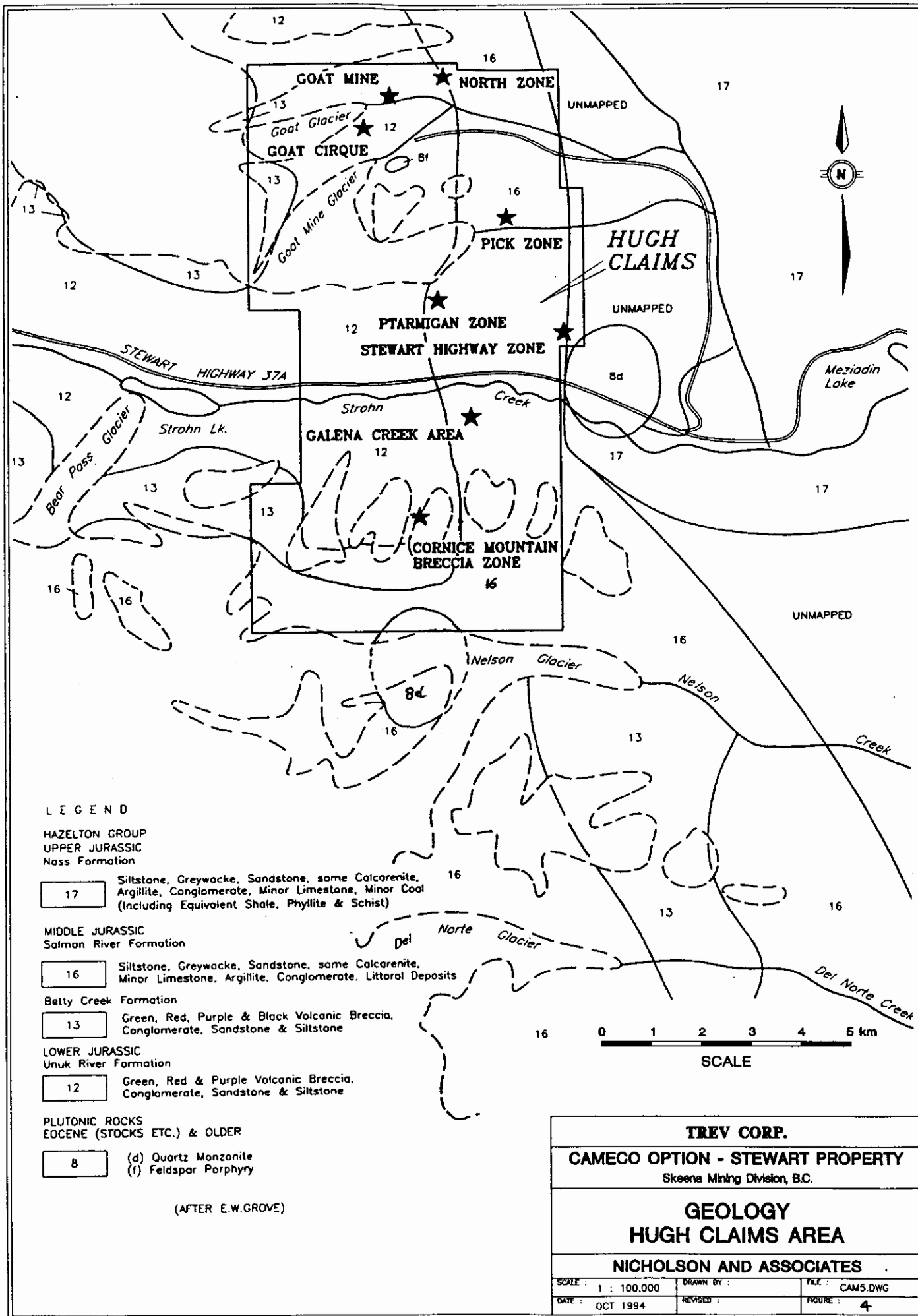
The Hugh 5 - 8 claims are underlain by green, red and purple volcanic breccia and minor conglomerate of the lower Jurassic Unuk River formation which are overlain by intermediate tuffs, flows and flow breccias of the Middle Jurassic Betty Creek Formation. Rocks of the Betty Creek formation include green, tan to buff and purple tuffs (lithic, crystal, lapilli), agglomerates (often calcareous), volcanic breccia, and isolated sedimentary beds (chert conglomerate, siltstone, argillite) as well as buff rhyolitic flows.

On the east margin of the 1994 work area (in the Hugh 6 & 8 claims), these rocks are unconformably (Grove 1986) overlain by sedimentary rocks of the Middle Jurassic Salmon River formation, occupying the western flanks of Entrance Peak. Rocks of this unit include argillite, siltstone, greywacke, chert conglomerate and minor limestone. The Betty Creek, Salmon River contact runs in a north-south direction through the lowest part of the ridge between Cornice Mountain and Entrance Peak. (figure 4)

All of the above-mentioned rocks are crosscut by two generations of intrusions. The earlier set of dykes are of late Jurassic age. These are coarse grained granodiorite and quartz monzonite as well as quartz porphyry dykes, ranging in width from 0.5 to 3 meters.

The later and predominant set of dykes are Eocene to Tertiary feldspar hornblende and feldspar biotite porphyries, as well as several narrow mafic dykes (lamprophyre and dioritic feldspar-hornblende porphyry), originating from a large intrusion occupying the south and central Hugh 8 claim. These dykes range in width from 0.5 meters to 5 meters, have sharp, well defined contacts, occasionally with chilled margins and are relatively unaltered.

The map unit numbers in the geology map legends have been changed from those of the previous maps produced by Geofine in order to create more consistency between the 1:250 Breccia / Bench zone map and the 1:5000 geology map of the Hugh 5-8 claims. Units have also been switched to follow a chronological sequence in relative ages as they are interpreted at this time.



**LEGEND**

**HAZELTON GROUP**  
**UPPER JURASSIC**  
 Nass Formation

17 Siltstone, Greywacke, Sandstone, some Calcarenite, Argillite, Conglomerate, Minor Limestone, Minor Coal (Including Equivalent Shale, Phyllite & Schist)

**MIDDLE JURASSIC**  
 Salmon River Formation

16 Siltstone, Greywacke, Sandstone, some Calcarenite, Minor Limestone, Argillite, Conglomerate, Littoral Deposits

Betty Creek Formation

13 Green, Red, Purple & Black Volcanic Breccia, Conglomerate, Sandstone & Siltstone

**LOWER JURASSIC**  
 Unuk River Formation

12 Green, Red & Purple Volcanic Breccia, Conglomerate, Sandstone & Siltstone

**PLUTONIC ROCKS**  
 EOCENE (STOCKS ETC.) & OLDER

8 (d) Quartz Monzonite  
 (f) Feldspar Porphyry

(AFTER E.W.GROVE)











<b>TREV CORP.</b>		
<b>CAMECO OPTION - STEWART PROPERTY</b> Skeena Mining Division, B.C.		
<b>GEOLOGY</b> <b>HUGH CLAIMS AREA</b>		
<b>NICHOLSON AND ASSOCIATES</b>		
SCALE : 1 : 100,000	DRAWN BY :	FILE : CAM5.DWG
DATE : OCT 1994	REVISED :	FIGURE : 4

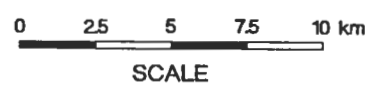
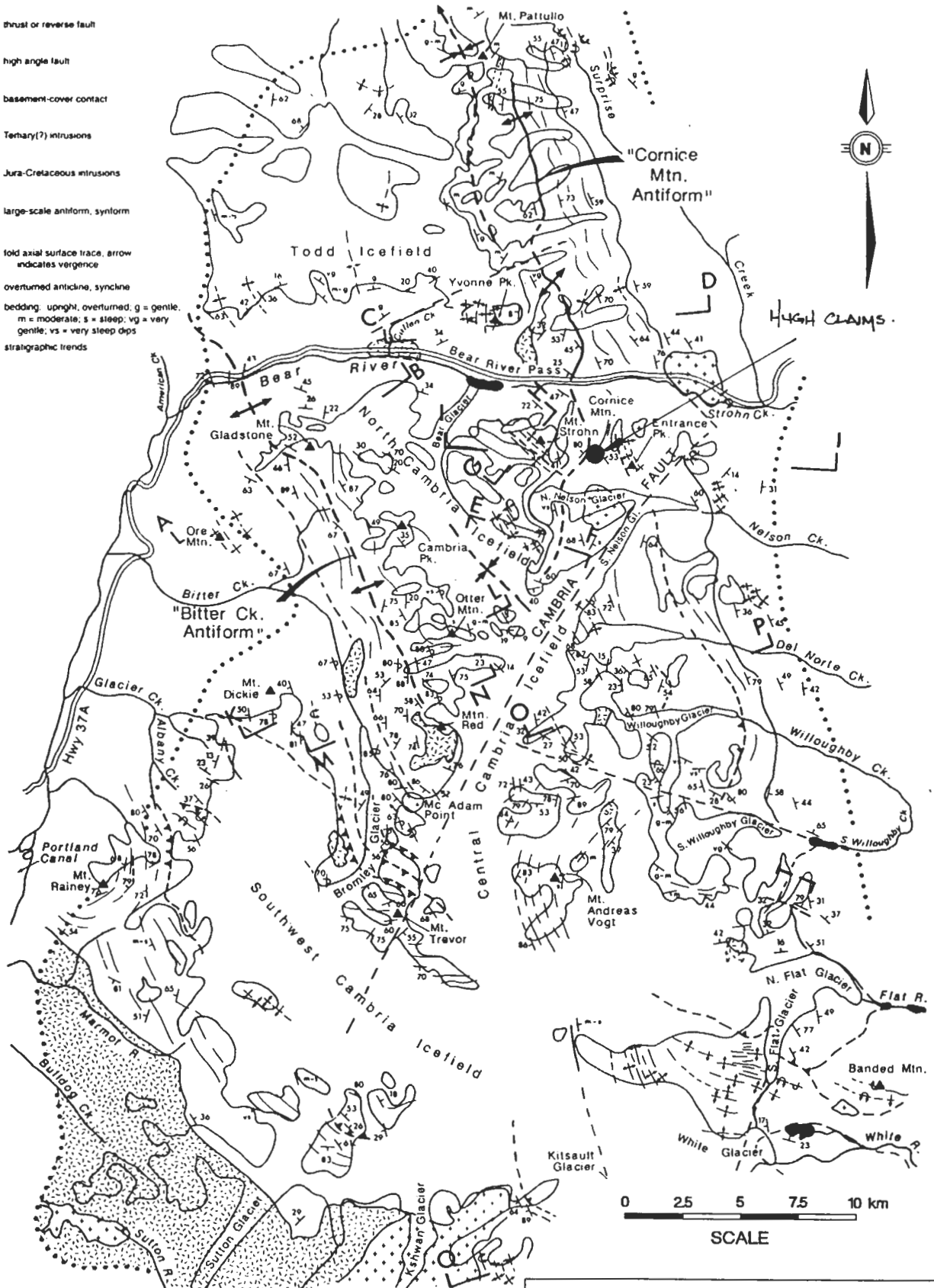
## **STRUCTURAL GEOLOGY**

The volcanic and sedimentary rocks of the Betty Creek formation and the Unuk River Formation dip moderate to steep towards the north-northeast, occupying all of the Hugh 5-8 claims. There is no evidence of significant folding in this area, although C.J. Greig (1994) on a current regional program, indicates a North-South trending syncline between Cornice and Entrance Peaks. The older (Jurassic) quartz monzonite and granodiorite dykes generally trend steeply north-northwest to north-northeast (320 to 040 degrees). The younger (tertiary) feldspar porphyritic dykes are generally oriented the same (330 to 040 degrees). In the northern part of the Hugh 8 claim, these dykes run in a north-northeasterly trend (350 to 020 degrees) directly from a large quartz monzonite plug.

A broad 800 metre wide zone of strong schistosity runs in a northerly direction through the ridge between Entrance Peak and Cornice Mountain. Schistosity within this zone trends northwest, dipping steeply (64 - 80 degrees) towards the northeast. Although the rocks in this zone appear as chlorite/biotite schists (intermediate tuff protolith) and sericite schists (felsic dyke protoliths), the original textures are still visible and are mapped as the protolithic rocks. This zone of schistosity narrows towards the north as it changes toward a northwesterly trend, on strike with the quartz-sericite-pyrite schist (alteration zone) adjacent to the Bench zone and Breccia zone. It appears that there is structural continuity between these zones.

The Hugh 5-8 claims are extensively faulted and fractured. At least two events of faulting occurred in this area. The earlier occurred between the late Jurassic and early Tertiary (before Tertiary dyke intrusions) as these dykes crosscut faults without offsets. The second event is a low angle set of thrust faults, where a package of rhyolitic rocks have been thrust overtop of the intermediate tuffs of the Cornice Mountain summit area. The mineralized quartz-calcite stockwork seems to be related to this event. The low angle thrust faults trend approximately 140/35 NE. A third set of faults offset the tertiary to eocene dykes, trending north south, with a steep (70 - 90) westerly dip. The wallrocks of these faults are intensely fractured with quartz-calcite infilling. These faults could possibly be a third event of tectonism, if not the same event as the thrust faults.

-  thrust or reverse fault
-  high angle fault
-  basement-cover contact
-  Tertiary(?) intrusions
-  Jura-Cretaceous intrusions
-  large-scale antiform, synform
-  fold axial surface trace, arrow indicates vergence
-  overtured anticline, syncline
-  bedding: upright, overturned, g = gentle, m = moderate, s = steep, vg = very gentle, vs = very steep dips
-  stratigraphic trends



<b>TREV CORP.</b>		
<b>CAMECO OPTION - STEWART PROPERTY</b> Skeena Mining Division, B.C.		
<b>STRUCTURAL ELEMENTS OF THE CAMBRIA ICEFIELD AREA</b>		
<b>NICHOLSON AND ASSOCIATES</b>		
SCALE : 1 : 250,000	DRAWN BY :	FILE : CAM4b.DWG
DATE : OCT 1994	REVISED :	FIGURE : 4a

From Research 1994-A

## MINERALIZATION AND ALTERATION

Mineralization on the Hugh 5-8 claims occurs in two assemblages:

- 1) Brecciated limestone with coarse pyrite and lesser sphalerite with traces of galena and chalcopyrite in a quartz carbonate (calcite-ankerite-limonite-sericite) matrix supporting silicified angular clasts to 200mm. Type 1 mineralization occurs adjacent to strong limonite-jarosite-chlorite rich gossan zones, however the Brecca and Bench Zones are characterized by very weak gossan development.
- 2) Stockwork of quartz and quartz-calcite veins occur with 1 - 5% disseminated pyrite, 1 - 5% chalcopyrite and 1 - 2% chalcocite. These veins range in width from 1cm to 15cm. These veins are scattered throughout the Cornice Mountain summit area and in the zone of schistosity. The wallrocks surrounding these veins are typically stained with limonite, malachite and minor azurite.

Alteration in the work area occurs in five assemblages:

1. Zones of silicification with or without mineralization.
  2. quartz - sericite - pyrite alteration.
  3. carbonate alteration (calcite - ankerite - limonite)
  4. propylitic.
  5. bleaching (oxidation).
- 
1. Zones of silicification are common on the Hugh 5-8 claims. These zones are often adjacent to quartz porphyry dykes. The wallrocks of these dykes are siliceous and contain an abundance of quartz and calcite veins, (5 - 25%) usually as infilling within tension gashes. Epidote is often present as well. Locally, quartz calcite stringers are mineralized with up to 5% pyrite, 5% chalcopyrite and 1 - 2% chalcocite with limonite and malachite - azurite staining.
  2. Quartz - sericite - pyrite alteration occurs in several broad zones within the work area. These zones are usually foliated and show as gossans (from limonite, jarosite, goethite and alunite). Quartz and/or calcite stringers up to 1cm. in width range from 3 - 10% in abundance. Disseminated pyrite (3 - 15%) occurs in both the altered rocks and within the quartz (calcite) stringers. Isolated nodules of massive pyrite, up to 3cm. in width, are common. Melanterite (iron sulphate) blooms are found in

weathered pockets and alcoves.

3. Carbonate alteration is widespread throughout the mapped area. It is strongest in the faulted zones of the Breccia - Bench zone and in volcanic breccias and agglomerates south of the Cornice Mountain summit. Stringers up to 1 cm. wide of white to dark grey calcite and ankerite up to 10%, in abundance occurs as fracture and open space infilling. Rocks in carbonate altered zones weather orange to brown to black, from oxide minerals such as pyrolusite and limonite.

4. Propylitic alteration zones occur as small isolated areas of dense fracturing and quartz, chlorite, calcite veining. Chlorite is the dominant alteration mineral with lesser hematite, epidote, calcite stringers and disseminated pyrite (up to 5%). Vuggy quartz - chlorite - calcite stringers are typical with rare chalcopyrite and malachite. Pyrolusite and minor limonite is common on weathered surfaces.

5. Bleaching in the project area is widespread and increases with amount of fracturing of the rocks. Mafics and pyrite are replaced by limonite, jarosite and goethite.

## **GEOCHEMISTRY**

A total of 276 rock and 69 soil samples were collected from the Hugh 5 - 8 claims. All samples were sent to ACME Analytical Labs and analysed by I.C.P. for 30 elements plus an AA for Au. (Appendix 2)

Soil samples obtained were talus fines samples, as at the elevation of these claims, soils are poorly developed. All soil samples were placed in brown kraft sample bags which were marked on the outside with black felt pen. Sample location sites were marked with orange glow flagging tape and sample numbers were put on the flagging tape with a black felt pen.

Rock chip sampling was concentrated on the Breccia and Bench zone area, the Copper Zone extension, the Cornice Mountain summit area and in two strong quartz - sericite - pyrite altered areas. All rock samples were placed into plastic sample bags. Sample tags were placed in each bag and sample sites were marked with orange or pink - orange spray paint.

Both soil and rock samples were placed in white rice bags and were sent via bus to ACME Analytical Laboratories in Vancouver.

### **Breccia and Bench zones**

Discovered in 1992, the Breccia Zone returned assay values up to 6.78 g/t Au and 2.24% Zn across 14.5 metres. The Bench Zone, located 50 meters SW of the Breccia Zone, gave assay results up to 11.1 g/t Au across 6.0 metres (Geofine 1992). Additional sampling along nearby cliff faces failed to produce similar results. However, 25 metres above the Bench Zone, sample line 94ACR028 to 030 returned:

<b><u>Width</u></b>	<b><u>ppb Au</u></b>	<b><u>ppm Ag</u></b>	<b><u>ppm Cu</u></b>	<b><u>ppm Pb</u></b>	<b><u>ppm Zn</u></b>
4.5m	173	9.9	1679	300	17,658

This new zone consists of silicified volcanic clasts (10 - 100mm) in a quartz - calcite matrix with minor ankerite - sericite - pyrite - sphalerite - chalcopryrite. Extensive sampling (94ACR026 to 054) on the cliff face above the Bench and Breccia zones failed to indentify continuity of the Au - Zn - Cu bearing



mineralization.

In the 1994 program, extensive rock chip sampling was undertaken in the Southwest extension of the Copper Zone, returning low assay values. The best results came from sample 94MCR001, which was taken from a siliceous rhyolite breccia which returned the following results:

<u>Width</u>	<u>ppb Au</u>	<u>ppm Ag</u>	<u>ppm Cu</u>	<u>ppm Pb</u>	<u>ppm Zn</u>
2.0 m	225	6.1	713	638	30

The Copper Zone is part of a dip-slope surface expression of a major east-west trending fault, dipping 065 N. Two crossfaults (the Copper Zone extension) have been systemically sampled at 25m intervals. No significant assay results were returned. Highest values ranged up to 16 ppb Au, 16.8 ppm Ag, 2155 ppm Cu, 70 ppm Pb, and 162 ppm Zn in an area of fracturing and with trace amounts of chalcopyrite mineralization at the southwestern limit of one of these faults.

### Little Cornice Zone

This zone consists of an area 200m x 300m of intermediate tuffs and rhyolite which is centered on the low angle thrust fault, 400 metres east of the Cornice Mountain summit. A stockwork of mineralized (0.5% cpy, 1-3% py and 0-2% chalcocite) quartz (calcite) veins is widely scattered throughout this zone. The stockwork is densest adjacent to a quartz prophyry dyke, 5 metres wide trending 052/73 SE immediately below the thrust fault. Some of the better results were as follows:

<b>Sample #</b>	<b>Width</b>	<b>Description</b>	<b>Au ppb</b>	<b>Ag ppm</b>	<b>Cu ppm</b>	<b>Pb ppm</b>	<b>Zn ppm</b>
94ACR002	1.0m	Felsic tuff with 3% cpy Carbonate, sericite altered. Malachite staining	175	41.4	11191	55	294
94ACR005	1.0m	Felsic tuff with 2% cpy Carbonate, sericite altered. Malachite staining.	25	12.8	7923	29	227

Sample #	Width	Description	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
94ACR009	1.0m	Felsic tuff with 1% cpy Carbonate, sericite altered, Malachite staining.	57	33.0	6266	82	372
94MCR026	1.2m	Quartz porphyry dyke	75	9.7	817	20	118
94MCR027	1.5m	Intermediate ash tuff (siliceous) with quartz veins, 5% cpy. Malachite staining.	67	14.1	15751	442	787
94MCR053	2.0m	Rhyolite dyke, sil., with quartz veins. Malachite staining.	241	0.9	79	11	30
94MCR054	2.0m	Intmdt. lapilli tuff, quartz veins with intmdt. lapilli tuff, quartz veins with 1% cpy. Malachite staining.	300	237.2	2356	50	2454
94MCR056	1.2m	Rhyolite dyke with 3% quartz stringers, 1% cpy. Malachite staining.	68	0.7	65	8	30

Ten (10) soils were collected in this area. Three of these returned high gold values. Results are as follows:

<u>Sample</u>	<u>Au</u> <u>ppb</u>	<u>Ag</u> <u>ppm</u>	<u>Cu</u> <u>ppm</u>	<u>Pb</u> <u>ppm</u>	<u>Zn</u> <u>ppm</u>
L2 0+00 W	242	1.8	318	44	252
L2 0+25 W	118	1.6	332	47	262
L2 0+50 W	150	3.3	398	96	224

This 50 meter long anomaly occurs between the thrust fault and mineralized veins described above.

### Summit Zone

The Summit Zone consists of a multi element anomalous zone in soil over a distance of 350 meters. This anomaly stretches from 2 + 50 W to 6 + 00 W on soil line L2, returning high Au, Ag, Cu, Pb, Zn, As, Sb. It is located at the 7300 foot elevation just southeast of the Cornice Mountain Summit. Assay results were as follows:

<u>Sample #</u>	<u>Au</u> <u>ppb</u>	<u>Ag</u> <u>ppm</u>	<u>Cu</u> <u>ppm</u>	<u>Pb</u> <u>ppm</u>	<u>Zn</u> <u>ppm</u>	<u>As</u> <u>ppm</u>	<u>Sb</u> <u>ppm</u>
L2 2+50 W	18	12.9	883	195	523	210	92
L2 2+75 W	24	12.6	615	320	848	141	55
L2 3+00 W	52	21.4	251	1273	1919	251	56
L2 3+25 W	74	7.7	472	355	794	342	48
L2 3+50 W	308	11.3	440	610	920	579	66
L2 3+75 W	21	10.4	250	422	728	192	65
L2 4+00 W	34	30.2	1349	2526	3225	824	307
L2 4+25 W	141	62.3	890	1978	6175	633	246
L2 4+50 W	87	35.9	480	1801	3744	361	87
L2 4+75 W	8	2.8	107	246	848	61	25
L2 5+00 W	44	19.5	988	428	702	388	102
L2 5+25 W	42	19.8	1168	441	802	496	107
L2 5+50 W	63	5.3	527	193	532	121	38
L2 5+75 W	59	3.5	473	44	213	136	34
L2 6+00 W	73	4.8	452	89	401	259	59

### Western and Southern Gossans

Extensive rock chip sampling was done on two large gossanous areas, referred to as the Western Gossan, located 500 metres NW of the Cornice Mountain summit and the Southern Gossan, located 600 metres southwest of the summit.

On the Western Gossan, a total of 18 rock samples were collected. Results ranged up to 23 ppb Au, 14.6 ppm Ag, 34 ppm Cu, 951 ppm Pb and 190 ppm Zn. Sample 94MCR079, a 0.5 metre chip across a siliceous siltstone with 1% chalcopyrite returned 31 ppb Au, 37.2 ppm Ag, 4341 ppm Cu, 41 ppm Pb and 345 ppm Zn. This sample was collected adjacent to a small shear 150 metres north of the Western Gossan.

On the Southern Gossan, a total of 33 rock chips were collected. Sample 94JCR034, returned anomalous values of 48 ppb Au, 32.8 ppm Ag, 198 ppm Cu, 2384 ppm Pb and 1517 ppm Zn over a 1.0 meter continuous chip.

## **DISCUSSION OF RESULTS**

During the 1994 program, an extensive sampling program was performed on both structural and lithologic continuation of the Breccia - Bench Zones, and on the Copper Zone extension.

The continuation on surface of these zones appears to be limited in size and potential. It appears that the surface expression of the Breccia Zone and the chip samples collected from it in 1992 and 1993 were taken over a dipsloped zone of a thin tabular mineralized area. The only possible remaining scenario for an orebody of economic size would be a plug shaped zone of mineralization plunging towards the west, straight into the slope. Orebodies of the nearby Red Mountain deposit are of similar morphology. The 1993 drill holes could have missed this possible plug by drilling underneath and over top of it.

One suggested method of confirming this would be, redrilling hole T93-01 and performing a down-hole Pulse-EM geophysics survey to test for adjacent mineralization, as the surface of the Breccia Zone is too steep to set up a drill on the zone itself.

A similar survey could be done for the Bench Zone.

The Copper Zone is a dipslope expression of a major east-west trending fault, dipping 065 degrees towards the north, which dissects the entire Breccia - Bench - Copper zone nunatak. The zone of strong foliation across the glacier to the southeast narrows down towards and on strike with this major fault. They are believed to be related to the same tectonic event.

The strong continuous multi element anomaly on line 2 suggests the presence of either an undiscovered mineral occurrence at surface, or of a more widespread mineralization similar to the erratic occurrence of mineralized veins and stringers towards the northeast in the Little Cornice zone.

An intrusive quartz monzonite plug below the sedimentary and volcanic rocks with related dykes, stockwork veining with copper mineralization and local pyritic zones suggest that mineralization on the Hugh 5-8 claims are of a porphyry type deposit. Porphyry type alteration such as phyllic (quartz-sericite - pyrite) and propylitic

(chlorite - calcite - epidote - pyrite) are prominent on these claims. The presence of minor galena and anomalous arsenic - antimony suggest a possible epithermal or mesothermal overprint in this area. This hydrothermal type of mineralization is more prominent in the Breccia and Bench Zones, and in the Summit Zone soil anomaly.

Although the quartz monzonite intrusion at the edge of the Nelson glacier is not a moly positive stock, it is associated with a pyrrhotite rich halo similar to that of the nearby Red Mountain deposit. Erratic occurrences of chalcopyrite mineralization and elevated assays of Au, Cu and Zn, also similar to Red Mountain (although not zoned) suggest that there is a possibility of a deepseated deposit in the area between the summit of Cornice Mountain and the quartz monzonite plug.

## **CONCLUSION AND RECOMMENDATIONS**

An extensive sampling and mapping (1:5,000 scale) program on the Hugh 5-8 claims has led to a better understanding of the nature and extent of the Breccia, Bench, and Copper Zones, and their relation to local geology.

The claims are underlain by Jurassic intermediate volcanics, rhyolites and sedimentary rocks, intruded by Tertiary and Eocene intermediate and felsic dykes. Extensive faulting and fracturing has occurred in 2 or 3 different periods.

Porphyry type mineralization and alteration on the property appears to be related to the second period of faulting and to the quartz monzonite plug with related dykes. Mineralization consists of Au, Cu, Ag and Zn in quartz calcite stockwork. Locally elevated Sb and As, mostly in the area of the Summit zone indicates a possible overprint of hydrothermal type mineralization.

Mineralization in the Breccia and Bench Zones appear to be of mesothermal or epithermal in origin.

The 1994 program has not been able to substantiate the extent of the three main target zones (the Breccia, Bench and Copper Zones), nor did it duplicate similar grades from samples taken during the 1992 and 1993 programs. These zones appear too small for economic development. However redrilling holes into the Breccia and Bench Zones for down hole Pulse - EM geophysics should be considered to investigate the possibility of a plug shaped mineralized zone plunging towards the west-northwest, directly into the cliff face.

The source of a 350 meter long multielement soil anomaly up to 308 ppb Au, 62.3 ppm Ag, 1349 ppm Cu, 2526 ppm Pb, 6175 ppm Zn, 824 ppm As and 307 ppm Sb, should be investigated through detailed mapping, sampling and geophysics (Mag/VLF).

Additional VLF/EM geophysics should be performed in the area of strong schistosity on the broad ridge between Cornice Mountain and Entrance Peak, to test for mineralization at depth.

Two linear gossans southwest from the Southern Gossan should be sampled and

mapped. One of these gossans is located in the vicinity of the contact between volcanic and sedimentary rocks. This same type of contact hosts the Au/Ag ore deposit at nearby Red Mountain.

In case of favourable results, this phase should be followed up by a drill program consisting of deep holes, as mineralization appears to be deep seated.

## **PROPOSED PHASE 1 BUDGET**

Geological mapping/ sampling Geologist and two assistants, 14 days @ \$900/day	\$ 12,600
Geochemical survey 200 samples @ \$20 per sample	\$ 4,000
Trenching	\$ 2,000
Equipment rental	\$ 4,000
Helicopter support 20 hours @ \$ 825 per hour	\$ 16,500
Room and board @\$ 45 per manday	\$ 2,000
Travel, miscellaneous	\$ 2,000
Consulting, report	\$ 3,000
	_____
<b>Subtotal</b>	<b>\$ 46,100</b>
Contingency (10%)	\$ 5,400
	_____
<b>Total estimated phase 1</b>	<b>\$ 50,710</b>
	<b>(say) <u>\$ 50,000</u></b>

Contingent on the results of Phase 1, a second phase of drilling and geophysics will be recommended.



## STATEMENT OF COSTS

### Personnel

J. Nicholson	31 days @ \$300/day	\$9300.00
A. Kikauka	13 days @ \$300/day	\$3900.00
M. van Wermeskerken	19 days @ \$300/day	\$5700.00
T. Woods	12 days @ \$265/day	\$3180.00
D. Cosgrove	15 days @ \$265/day	\$3975.00
A. Wilkins	6 days @ \$300/day	\$1800.00

### Transportation

Helicopter	19.7 hours @ \$825/hr	\$16252.50
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### Equipment Rentals

(1) FORD Xtra cab 4x4	1 month @ \$1700/month	\$1700.00
(1) Hilti Portable Rock Drill	31 days @ \$30/day	\$ 930.00
(3) Handheld Radios	89 days @ \$10/day	\$ 890.00

<u>Assays</u>	345 samples @ \$20/sample	\$6900.00
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<u>Room and Board</u>	89 days @ \$35/man/day	\$3115.00
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<u>Field Supplies</u>		\$ 600.00
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<u>Communications</u>		\$ 475.00
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<u>Mob/demob</u>		\$2000.00
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<u>Report Writing</u>		\$7000.00
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<u>Total Expenditures</u>		<u>\$67717.50</u>
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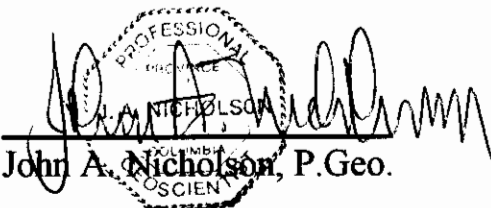
Kennedy, D.R. (1993): Assessment Report on the Hugh and Pam Claims: Phase 3A Detailed Follow-up and Phase 3B Drill Programs, Skeena Mining Division, for Cameco Corporation.

## CERTIFICATE

I, **John A Nicholson**, do hereby certify that:

1. I am a consulting geologist with offices at 606 - 675 West Hastings Street, Vancouver, B.C.
2. I am a graduate of the University of British Columbia with a Bachelor of Science, Geology (Honours).
3. I have had 14 years of combined experience in Cordillera base and precious metals, (Canada and United States) and precious and massive sulfide deposits within shield rocks (Canada).
4. I am a member of Professional Engineers and Geoscientists of British Columbia, member #19933.
5. I personally supervised work carried out on the Hugh Claim Block Cornice Mountain Project.
6. I have no direct or indirect interest in the property or securities in Trev Corporation or Cameco Corporation, nor do I anticipate any.
7. I authorize the use of this report for public financing.

November 10, 1994  
Vancouver, B.C.

  
John A. Nicholson, P. Geo.

## CERTIFICATE

I, **Marcus T. van Wermeskerken** of 128 Saltair lane, Saltspring Island, BC, V8K 1Y5 do hereby declare that:

- I am a consulting geologist employed by Nicholson & Associates.
- I am a graduate (1987) of the University of British Columbia with a Bachelor of Science (Geology)
- I am a member of the Professional Engineers and Geoscientists of British Columbia, member # 19385
- The data that was used for this report came from field observations, published and unpublished information.
- I have no direct or indirect interests in the securities or holdings of Trev Corporation or Cameco Corporation nor do I anticipate any.
- I authorize the use of this report for public financing.

  
**Marcus T. van Wermeskerken, P. Geo**

## CERTIFICATE

I, **Andris Kikauka**, Box 370, Brackendale, B.C., V0N 1H0 do hereby declare that:

-In 1980, I recieved Hons.B.Sc. from the faculty of Geological Sciences, Brock University, St.Catharines, Ontario, Canada

-I am a professional cosulting geologist with 14 years combined experience in Cordillera base and precious metal mineral deposits (North and South America) as well as base, precious, and radioactive mineral deposits in shield cratons (Canada, Guyana)

- I am a member in good standing of the British Columbia Association of Professional Engineers and Geoscientists, Member # 18,275

- I am a Fellow in good standing of the Geological Association of Canada, Member # 5,771

- The data that was used for this report came from field notes, published, and unpublished information

- I have no direct or indirect interest in the securities or holdings of Trev Corp.

- I authorize the use of this report for purposes of public financing.

*A. Kikauka*

**Andris Kikauka, P.Geo.**



**APPENDIX 2**  
**Assay Technique**

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER  
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: P1 TO P3 ROCK P4 SOIL AU\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

**APPENDIX 3**  
**Assay Results**  
**Sample Descriptions**



GEOCHEMICAL ANALYSIS CERTIFICATE

Request Consultants Ltd. PROJECT CORNICE MTN File # 94-2879 Page 1

306 - 595 Howe St., Vancouver, BC V6C 2T5 Submitted by: John Nicholson

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mn	Co	Ni	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	AU**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
94ACR-001	3	12	6	7	.5	7	2	485	.51	3	<5	<2	8	42	<2	6	<2	2	.90	.086	25	5	<.01	53<.01	3	.18	.01	.19	3	5	
94ACR-002	4	11191	55	294	41.4	46	41	359	1.67	68	<5	<2	5	27	8.4	13	21	5	.70	.020	14	5	.02	39<.01	4	.25	<.01	.19	6	75	
94ACR-003	3	179	17	63	.5	8	3	45	.86	14	<5	<2	4	13	1.0	7	<2	4	.09	.036	14	3	.01	48<.01	6	.27	.01	.23	<1	8	
94ACR-004	3	704	13	43	3.8	10	9	208	.64	37	<5	<2	5	12	.4	3	<2	5	.12	.046	15	6	.01	46<.01	7	.33	<.01	.28	2	1	
94ACR-005	4	7923	29	227	12.8	29	39	363	1.15	57	<5	<2	3	26	5.1	7	12	4	.58	.037	10	5	.01	44<.01	6	.27	<.01	.22	5	25	
94ACR-006	3	2492	27	130	7.5	13	15	232	.75	33	<5	<2	6	11	.6	5	7	4	.19	.041	19	3	.01	40<.01	7	.28	.01	.25	2	20	
94ACR-007	3	609	10	42	5.0	6	4	546	.85	9	<5	<2	8	41	.4	4	<2	6	1.20	.141	61	4	.02	51<.01	4	.34	.01	.26	<1	22	
94ACR-008	6	8055	28	271	42.5	27	18	775	2.07	57	<5	<2	4	24	3.7	8	2	7	2.09	.030	36	3	.02	53<.01	6	.30	<.01	.27	2	108	
94ACR-009	5	6307	80	371	32.9	35	32	540	2.05	78	<5	<2	4	14	2.6	12	<2	6	.57	.026	14	3	.01	59<.01	5	.24	<.01	.22	2	61	
RE 94ACR-009	5	6224	83	372	33.0	33	31	544	2.04	77	<5	<2	4	14	2.5	12	<2	5	.56	.027	14	3	.01	58<.01	4	.24	<.01	.21	5	53	
94ACR-010	5	6701	16	75	9.9	14	15	472	1.47	59	<5	<2	3	22	1.0	9	<2	4	.82	.026	14	7	.02	54<.01	4	.25	<.01	.19	5	6	
94ACR-011	3	88	27	6	2.4	3	4	28	3.43	48	<5	<2	4	4	<.2	15	2	15	.02	.014	10	2	.02	22	.04	7	.29	<.01	.53	2	11
94ACR-012	3	154	24	83	1.9	5	11	700	10.18	19	<5	<2	5	15	<.2	6	5	55	.32	.058	14	3	.27	155	.04	<2	.94	<.01	.35	1	4
94ACR-013	8	156	351	229	3.2	5	9	244	13.50	121	<5	<2	6	8	<.2	27	9	5	.17	.053	24	2	.08	72<.01	<2	.21	<.01	.15	1	33	
94ACR-014	6	53	54	359	.7	21	78	1264	3.46	99	<5	<2	3	22	.5	8	<2	25	.82	.090	12	3	.14	83	.03	9	.53	.02	.32	<1	13
94ACR-015	<1	6	22	76	.5	3	8	1651	4.01	3	<5	<2	2	88	<.2	<2	2	22	4.42	.088	15	2	.55	37	.02	4	.20	.02	.16	3	2
94ACR-016	2	16	13	8	.5	5	3	382	.67	3	<5	<2	4	32	<.2	6	<2	4	.92	.037	12	5	<.01	34<.01	6	.19	.01	.16	3	<1	
94ACR-017	1	36	7	21	<.1	13	9	1482	3.78	4	<5	<2	<2	210	<.2	<2	17	6.14	.073	6	2	.42	26	.03	3	.24	.02	.17	3	<1	
94ACR-018	5	15	30	31	.1	14	11	1048	4.19	28	<5	<2	3	25	<.2	6	2	25	.75	.076	12	2	.17	78	.02	4	.45	.01	.36	<1	2
94ACR-019	3	1734	20	38	9.1	8	4	76	.63	20	<5	<2	7	16	.3	6	<2	5	.07	.026	28	6	<.01	46<.01	5	.22	<.01	.21	4	9	
94ACR-020	2	1273	20	91	2.2	11	7	238	.68	52	<5	<2	6	9	1.2	8	<2	5	.21	.037	23	4	<.01	54<.01	5	.21	<.01	.19	2	2	
94ACR-021	10	42	14	69	1.2	3	7	1415	6.62	1158	<5	<2	2	134	.2	9	4	31	3.96	.087	3	3	1.13	72<.01	<2	1.46	.01	.13	1	8	
94ACR-022	20	35	32	50	2.1	6	7	303	10.02	2566	6	<2	2	34	<.2	<2	7	23	.98	.069	2	6	.66	11<.01	<2	1.05	.02	.15	<1	7	
94ACR-023	3	129	11	62	.6	8	16	2104	3.96	37	<5	<2	3	120	.2	7	2	23	3.53	.096	12	3	.37	117<.01	5	.33	.02	.24	3	10	
94ACR-024	3	17	15	26	.1	7	11	1439	2.89	40	<5	<2	<2	173	<.2	8	2	8	4.78	.092	10	2	.06	68<.01	3	.28	.02	.21	<1	5	
94ACR-025	3	325	14	45	.7	10	12	1964	3.04	67	<5	<2	3	228	.3	17	3	12	8.29	.062	7	3	.38	60<.01	4	.29	.01	.22	5	25	
94ACR-026	2	33	30	26	.7	19	14	1904	7.67	100	13	<2	2	204	.3	8	4	10	10.13	.059	2	3	.72	55<.01	2	.22	<.01	.19	5	27	
94ACR-027	2	45	18	109	.9	12	13	2162	4.43	91	20	<2	3	251	.6	17	4	9	12.06	.055	3	3	1.04	55<.01	2	.20	<.01	.16	5	41	
94ACR-028	4	602	312	9075	4.4	9	17	2849	2.28	83	15	2	4	212	54.9	12	2	10	12.48	.046	8	3	1.41	72<.01	3	.23	.01	.16	<1	106	
94ACR-029	8	3147	318	25062	15.1	21	33	2002	3.44	143	<5	<2	4	164	180.3	51	6	7	7.16	.046	4	3	1.30	39<.01	3	.21	<.01	.16	<1	214	
94ACR-030	4	1288	268	18836	10.1	9	15	1790	3.15	86	<5	<2	2	199	133.7	96	<2	6	7.12	.051	4	3	1.42	47<.01	3	.26	.01	.20	<1	200	
94ACR-031	2	66	30	243	.4	5	10	1254	6.47	215	<5	<2	2	107	1.0	35	4	17	5.09	.083	7	2	.57	100<.01	<2	.27	.01	.20	<1	115	
94ACR-032	<1	43	14	182	.8	5	15	1972	4.41	12	<5	<2	2	147	.6	2	4	30	5.71	.099	9	1	1.46	131	.02	3	.62	.02	.31	3	11
94ACR-033	2	69	7	104	.1	5	14	1925	2.66	27	<5	<2	3	140	.4	6	2	22	6.53	.092	9	1	.37	96	.01	4	.41	.01	.24	3	24
94ACR-034	3	102	33	83	1.9	5	3	359	17.52	129	<5	<2	3	119	<.2	79	13	5	4.17	.032	2	5	1.47	8<.01	<2	.15	.01	.11	5	200	
STANDARD C/AU-R	19	55	39	126	7.3	73	31	1037	3.96	40	14	6	37	52	19.0	13	22	61	.49	.092	40	62	.92	183	.08	33	1.88	.06	.16	11	454

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 NCL-MNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM

- SAMPLE TYPE: ROCK AU\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 26 1994 DATE REPORT MAILED: Sept 6/94 SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
94ACR-035	4	702	17	90	1.2	12	17	828	5.18	136	<5	<2	6	142	.5	43	4	8	5.32	.066	5	1	2.69	32	<.01	2	.24	.01	.18	<1	202
94ACR-036	4	20	8	27	.3	2	7	1100	1.41	48	<5	<2	5	95	<.2	4	<2	5	4.59	.056	8	1	.79	67	<.01	5	.26	.01	.18	3	42
94ACR-037	3	90	6	46	.1	4	7	1477	2.11	117	<5	<2	4	91	.2	43	<2	6	3.95	.049	8	3	1.42	83	<.01	6	.24	.01	.17	4	299
94ACR-038	3	118	31	61	.6	9	16	1230	6.03	466	<5	<2	4	96	.2	112	2	9	4.22	.081	6	1	1.25	60	<.01	3	.23	.01	.19	<1	329
94ACR-039	3	180	18	39	.4	10	12	2149	6.98	54	<5	<2	8	156	<.2	6	6	8	8.38	.054	7	1	.67	36	<.01	<2	.22	<.01	.20	2	16
94ACR-040	2	24	10	9	<.1	5	8	1086	1.71	12	<5	<2	4	78	<.2	3	<2	7	3.34	.081	11	1	.08	130	.01	8	.39	.01	.33	2	<1
94ACR-041	3	17	9	49	<.1	3	8	2322	2.10	35	<5	<2	6	164	<.2	2	<2	9	7.23	.062	11	1	2.82	91	<.01	6	.27	.01	.20	3	5
94ACR-042	1	391	9	75	.6	7	12	3791	4.16	83	<5	<2	7	177	<.2	<2	2	14	7.75	.077	14	2	4.68	136	<.01	5	.29	.01	.23	2	<1
RE 94ACR-042	1	379	11	71	.6	7	11	3674	4.00	77	<5	<2	5	171	.3	<2	3	13	7.47	.074	13	2	4.55	133	<.01	4	.28	.01	.23	4	<1
94ACR-043	1	71	8	64	<.1	6	11	3813	3.80	42	<5	<2	8	186	<.2	<2	<2	11	8.63	.068	10	2	3.25	93	<.01	5	.24	.01	.20	2	<1
94ACR-044	2	30	12	32	.1	8	13	3105	3.99	14	<5	<2	6	131	<.2	3	<2	9	9.19	.063	18	2	1.08	127	<.01	4	.27	.02	.20	3	<1
94ACR-045	2	16	8	19	<.1	10	16	2554	4.20	30	<5	<2	4	128	<.2	<2	2	9	7.24	.065	9	2	.64	57	<.01	3	.24	.01	.20	6	8
94ACR-046	4	67	48	78	.5	8	10	2194	2.04	27	<5	<2	10	207	1.0	4	<2	7	9.81	.053	8	1	.36	90	<.01	3	.26	.01	.18	4	8
94ACR-047	2	5	4	28	<.1	5	6	2381	2.53	14	<5	<2	9	180	<.2	<2	2	7	8.17	.048	11	1	1.48	117	<.01	5	.25	.02	.19	3	<1
94ACR-048	1	5	<2	26	<.1	3	5	1652	1.72	5	<5	<2	4	107	<.2	<2	<2	10	5.12	.059	15	2	.80	182	<.01	6	.31	.02	.22	3	3
94ACR-049	<1	4	11	36	<.1	2	7	2011	1.96	12	<5	<2	6	207	<.2	<2	<2	13	10.08	.087	12	2	5.45	201	<.01	5	.27	.02	.20	2	8
94ACR-050	2	26	12	26	<.1	6	10	1257	1.40	34	<5	<2	3	136	<.2	4	<2	9	5.33	.075	9	3	.77	121	<.01	6	.37	.01	.28	<1	13
94ACR-051	1	6	9	10	.1	6	7	1226	1.74	21	<5	<2	3	95	<.2	5	<2	5	4.50	.066	7	1	.05	67	<.01	4	.28	.01	.23	3	8
94ACR-052	2	74	24	120	<.1	8	9	2350	2.66	20	<5	<2	4	87	.6	<2	<2	7	4.06	.071	8	3	2.04	109	<.01	5	.31	.01	.22	<1	38
94ACR-053	9	69	82	197	.4	8	9	1784	2.04	17	<5	<2	5	132	1.0	3	<2	7	4.95	.082	10	2	.51	94	<.01	4	.30	.02	.23	<1	3
94ACR-054	1	75	732	5138	20.2	7	12	2568	3.83	21	<5	<2	6	62	48.9	9	2	9	3.05	.031	7	2	.11	67	<.01	4	.24	<.01	.21	<1	22
94ACR-055	3	45	14	46	.7	22	27	1217	2.86	36	<5	<2	4	170	<.2	6	<2	14	5.01	.119	8	1	.09	36	<.01	3	.27	.01	.18	<1	7
94ACR-056	2	390	9	64	1.9	5	14	1361	4.21	7	<5	<2	6	47	.2	<2	5	22	2.13	.091	19	3	.32	101	.01	4	.87	.01	.35	<1	5
94ACR-057	2	3260	24	87	22.7	225	700	629	2.04	862	<5	<2	2	54	.2	42	11	7	1.63	.108	11	14	.07	47	.01	7	.30	.01	.19	2	7
94ACR-058	1	6	9	484	<.1	11	21	1248	3.72	34	<5	<2	7	205	.3	<2	<2	34	3.98	.102	20	3	2.25	46	.01	4	.78	.02	.20	<1	<1
94ACR-059	<1	768	12	48	1.2	4	22	4712	6.21	4	13	<2	10	208	.2	<2	3	34	11.50	.046	15	2	6.91	34	<.01	6	.33	.01	.22	3	2
94ACR-060	3	31	6	14	.1	8	11	842	1.44	45	<5	<2	4	36	<.2	10	<2	7	1.08	.037	10	3	.05	39	.01	7	.34	<.01	.29	2	<1
94ACR-061	5	263	8	32	1.3	6	13	2530	3.10	8	<5	<2	5	110	<.2	2	11	26	6.58	.157	10	1	.31	54	.05	7	.51	.01	.40	1	12
94TCR-001	3	88	210	104	.3	11	22	2620	4.71	130	<5	<2	8	184	<.2	70	<2	18	7.66	.065	7	2	1.55	89	<.01	4	.53	.01	.23	<1	25
94TCR-002	1	27	15	84	<.1	7	25	1883	4.43	67	<5	<2	6	202	<.2	<2	<2	25	6.00	.099	8	2	.87	107	.01	5	.55	.02	.30	<1	7
94TCR-003	4	21	15	115	<.1	6	13	1843	3.08	34	<5	<2	5	90	.3	<2	<2	11	3.52	.074	10	2	.58	112	.01	5	.35	.02	.29	<1	7
94TCR-004	4	6	5	31	<.1	4	7	1043	1.55	16	<5	<2	7	52	<.2	<2	<2	8	1.81	.064	21	4	.21	107	.01	4	.44	.03	.28	<1	<1
94TCR-005	4	10	4	41	<.1	5	8	1417	2.30	17	<5	<2	8	63	<.2	4	<2	8	2.40	.067	19	3	.20	131	.01	5	.46	.03	.31	3	7
94TCR-006	3	7	39	148	<.1	4	7	1722	2.32	19	<5	<2	10	76	.3	2	<2	10	3.42	.064	20	2	.32	133	.01	6	.36	.03	.25	<1	2
94TCR-007	4	11	10	86	<.1	6	9	1472	2.62	102	<5	<2	9	26	<.2	<2	<2	7	1.72	.071	22	2	.13	139	.01	4	.51	.03	.36	<1	7
STANDARD C/AU-R	20	60	43	133	6.9	75	32	1095	4.16	40	21	5	40	52	17.0	14	22	63	.50	.093	41	61	.91	186	.09	34	1.97	.07	.17	11	669

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Mi ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
94TCR-008	4	9	7	83	<.1	4	8	1503	2.30	24	<5	<2	8	26	<.2	2	2	6	1.69	.065	21	2	.10	125	.01	11	.35	.03	.21	<1	10
94TCR-009	3	14	3	65	<.1	4	8	872	2.33	17	<5	<2	9	16	<.2	2	<2	6	.86	.064	28	2	.15	128	.02	7	.58	.03	.25	<1	2
94TCR-010	1	48	46	108	.8	13	26	2256	3.35	69	<5	<2	5	112	.2	7	<2	16	6.09	.108	10	2	.22	126	.01	9	.44	.01	.33	<1	26
94TCR-011	1	19	23	144	.1	6	13	797	1.82	20	<5	<2	4	81	.3	4	<2	13	1.99	.106	11	2	.23	183	.02	9	.63	.03	.37	<1	6
94TCR-012	1	28	6	110	.2	8	19	960	3.39	163	<5	<2	3	110	.2	3	<2	20	2.35	.087	12	4	.45	121	.03	5	.89	.02	.23	<1	94
94TCR-013	6	32	73	280	.2	22	19	1222	2.32	37	<5	<2	6	99	.8	7	<2	15	3.32	.108	14	6	.25	176	.03	7	.65	.03	.39	<1	7
94TCR-014	7	33	40	344	.1	16	19	1356	2.60	31	<5	<2	6	120	1.0	6	<2	12	3.51	.088	10	4	.35	127	.02	7	.74	.02	.27	<1	9
94TCR-015	2	21	17	71	.2	9	14	1577	2.30	22	5	<2	8	181	<.2	4	<2	10	5.99	.088	12	2	.41	118	.02	6	.69	.02	.26	<1	2
94TCR-016	2	36	4	84	.1	14	14	1495	2.79	18	<5	<2	6	139	<.2	2	<2	20	4.12	.089	15	9	.56	169	.03	7	1.01	.02	.34	<1	5
94TCR-017	2	30	9	89	.1	16	17	1434	2.99	24	<5	<2	7	182	.3	4	<2	25	4.79	.092	16	11	.73	174	.04	6	1.20	.02	.38	<1	5
94TCR-018	2	44	12	125	.2	36	27	1358	3.35	45	<5	<2	5	253	.3	3	<2	37	5.62	.099	12	23	.68	131	.04	5	1.20	.02	.28	<1	3
94TCR-019	2	17	6	17	.2	7	8	1043	1.64	12	<5	<2	3	21	<.2	5	<2	6	1.62	.042	17	5	.03	75	<.01	7	.33	.01	.26	<1	<1
94TCR-020	1	223	70	69	16.8	5	13	2271	1.43	26	6	<2	6	82	.7	30	<2	7	8.57	.055	16	3	.05	63	<.01	6	.22	<.01	.19	<1	7
94TCR-021	<1	5	5	34	.1	3	10	2708	7.63	10	<5	<2	4	54	<.2	<2	<2	33	2.70	.136	14	3	.36	62	.01	14	.53	<.01	.39	1	8
94TCR-022	<1	7	51	162	.7	6	16	4074	8.40	11	<5	<2	3	76	<.2	<2	3	35	3.15	.125	11	3	.26	66	<.01	11	.35	<.01	.30	<1	<1
94TCR-023	1	16	7	37	.2	4	8	2050	4.11	9	<5	<2	5	24	<.2	2	<2	17	.79	.069	19	3	.06	64	<.01	10	.30	.01	.25	1	7
94TCR-024	1	7	10	29	.1	3	8	1775	3.89	48	<5	<2	2	35	<.2	<2	<2	21	1.68	.101	14	2	.10	64	<.01	10	.39	<.01	.29	1	2
94TCR-025	<1	7	9	121	.3	8	19	2159	6.78	22	<5	<2	3	38	<.2	<2	<2	37	.95	.146	16	2	.33	78	<.01	12	.76	.01	.40	<1	2
94TCR-026	<1	7	5	35	<.1	5	13	3659	7.06	12	<5	<2	3	42	<.2	<2	<2	25	2.81	.127	17	1	.29	48	.03	9	.32	<.01	.31	1	<1
RE 94TCR-026	<1	7	<2	35	.1	3	14	3680	7.12	13	<5	<2	4	43	<.2	<2	<2	26	2.83	.128	16	2	.29	49	.03	10	.32	<.01	.32	2	2
94TCR-027	1	51	6	27	<.1	5	7	1004	2.76	20	<5	<2	2	20	<.2	3	<2	17	1.00	.078	21	4	.04	57	.01	8	.30	.01	.22	<1	10
94TCR-028	1	2155	7	20	1.8	5	8	2484	2.50	11	<5	<2	7	75	<.2	2	2	15	8.27	.083	24	2	.07	41	.01	6	.23	<.01	.22	2	6
94TCR-029	1	304	13	20	3.0	12	22	1200	3.31	45	<5	<2	3	48	<.2	6	2	14	1.96	.084	16	3	.03	56	<.01	6	.29	.01	.25	1	3
94TCR-030	1	14	5	15	.1	11	15	1332	2.38	25	<5	<2	2	66	<.2	6	<2	15	3.27	.082	10	5	.03	51	.01	6	.20	<.01	.20	<1	4
94TCR-031	1	30	7	15	<.1	11	10	1959	4.13	24	<5	<2	3	24	<.2	3	<2	24	2.18	.082	10	5	.07	58	.04	9	.32	.01	.33	1	6
94TCR-032	2	38	12	11	.1	8	12	1007	3.96	32	<5	<2	2	48	<.2	6	<2	18	1.83	.102	10	3	.04	42	.01	8	.24	.01	.24	<1	9
94TCR-033	1	12845	2	37	3.9	5	6	1948	5.95	12	<5	<2	2	33	<.2	<2	<2	24	2.67	.065	10	3	.23	51	.03	8	.41	<.01	.36	3	16
94TCR-034	1	83	7	11	<.1	5	4	1598	3.53	13	<5	<2	2	37	<.2	2	<2	30	2.92	.092	17	4	.18	46	.04	10	.39	.01	.35	1	<1
94TCR-035	<1	21	8	18	<.1	4	5	1309	5.47	4	<5	<2	2	24	<.2	<2	<2	44	1.94	.088	19	3	.27	56	.09	12	.71	.01	.60	1	7
94TCR-036	2	128	7	22	<.1	8	9	2250	2.59	21	<5	<2	3	59	<.2	6	<2	12	2.99	.106	10	3	.04	67	<.01	9	.20	.01	.19	1	<1
94TCR-037	1	18	7	19	.1	8	10	2951	3.56	22	<5	<2	<2	33	<.2	2	<2	18	2.55	.103	14	4	.06	66	.03	10	.28	<.01	.25	1	3
94TCR-038	1	10	5	25	<.1	7	11	2498	3.66	24	<5	<2	3	78	<.2	<2	<2	59	3.79	.108	10	4	.28	54	.01	6	.69	<.01	.22	1	10
94TCR-039	4	16	12	9	<.1	6	6	695	3.85	38	<5	<2	<2	40	<.2	8	<2	17	1.19	.107	9	3	.04	55	.01	8	.25	.01	.22	<1	8
94TCR-040	2	6607	25	58	11.0	11	11	715	2.15	19	<5	<2	<2	19	.4	6	<2	15	.85	.090	15	5	.02	65	<.01	8	.33	.01	.28	3	12
94TCR-041	1	235	100	26	.4	5	7	1739	1.51	28	<5	<2	2	69	.2	43	<2	16	2.61	.094	45	4	.03	63	<.01	6	.28	.01	.21	<1	6
STANDARD C/AU-R	19	56	38	125	7.0	72	32	1043	3.96	42	15	8	37	53	19.0	13	19	62	.49	.092	40	61	.92	183	.08	34	1.88	.06	.17	9	473

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Al <sup>2+</sup> ppb
94TCR-042	1	10	6	5	.1	5	4	1270	1.50	13	<5	<2	<2	146	<.2	5	2	9	4.12	.094	8	2	.04	42	<.01	3	.14	<.01	.14	<1	16
94TCR-043	<1	41	6	18	.1	7	5	1341	5.05	5	<5	<2	5	28	<.2	<2	<2	24	2.31	.095	22	2	.34	43	.05	6	.55	<.01	.45	<1	4
94TCR-044	<1	11	8	25	.2	5	7	1362	4.31	7	<5	<2	2	24	<.2	4	<2	21	1.88	.105	19	1	.22	48	.05	8	.46	<.01	.36	1	2
94TCR-045	1	17	5	35	.1	7	14	2354	5.53	19	<5	<2	2	43	<.2	3	<2	22	2.40	.138	9	1	.21	62	.03	7	.35	<.01	.29	<1	10
RE 94TCR-045	<1	17	11	34	.2	5	14	2332	5.48	18	<5	<2	2	43	<.2	<2	<2	22	2.37	.137	10	<1	.21	63	.03	7	.35	<.01	.29	<1	7

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.



**GEOCHEMICAL ANALYSIS CERTIFICATE**



**Orequest Consultants Ltd. PROJECT CORNICE MTN File # 94-2952 Page 1**

306 - 595 Howe St., Vancouver BC V6C 2T5 Submitted by: John Nicholson

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
94JCR-001	2	43	9	32	.2	6	1	122	.94	6	<5	<2	7	7	<.2	3	<2	9	.13	.048	27	5	.05	63	.02	9	.53	.02	.41	2	2
94JCR-003	2	43	8	35	.3	7	2	255	.89	10	<5	<2	6	7	.2	2	<2	6	.30	.048	24	4	.02	51	.01	7	.42	.01	.30	2	4
94JCR-004	2	34	4	39	.1	5	1	81	1.06	13	<5	<2	6	24	.2	3	<2	5	.05	.032	26	4	.02	62	.01	8	.41	.01	.34	1	2
94JCR-005	3	85	5	28	.2	7	1	67	.96	9	<5	<2	7	17	.7	3	<2	7	.03	.029	29	6	.02	79	.01	8	.42	.01	.41	1	1
94JCR-006	2	218	7	24	.3	7	1	96	1.19	24	<5	<2	7	16	.4	4	<2	6	.10	.038	24	6	.02	76	.01	6	.42	.01	.36	1	5
94JCR-007	2	392	5	38	.3	6	2	163	.67	18	<5	<2	6	7	.6	3	<2	6	.14	.042	24	5	.02	63	.01	8	.42	.01	.33	2	4
RE 94JCR-007	1	411	6	38	.3	6	2	164	.67	18	<5	<2	6	7	.7	5	<2	7	.14	.044	24	5	.02	64	.01	8	.42	.01	.35	2	7
94JCR-008	2	22	5	33	.2	6	1	943	1.72	222	<5	<2	8	28	.5	2	<2	4	1.15	.079	31	4	.04	61	.04	3	.36	.01	.29	1	7
94JCR-009	3	279	19	87	2.5	6	4	813	1.72	78	<5	<2	7	21	1.7	6	<2	4	.95	.059	25	5	.04	51	.02	3	.33	.01	.25	1	3
94JCR-010	2	357	88	213	7.6	8	8	198	.66	41	<5	<2	6	8	2.9	33	<2	4	.28	.037	21	5	.01	55	<.01	5	.29	.01	.27	<1	9
94JCR-011	3	62	24	49	3.9	8	2	402	.72	64	<5	<2	6	15	.8	9	2	4	.60	.039	18	7	.01	65	<.01	7	.31	.01	.26	2	5
94JCR-012	2	2250	9	27	1.7	7	8	2691	1.76	26	5	<2	<2	120	.7	3	<2	6	11.40	.062	13	3	.09	37	.01	4	.20	<.01	.09	1	7
94JCR-013	3	38	8	56	.4	7	6	908	1.94	29	<5	<2	5	19	.7	5	<2	8	1.09	.039	20	5	.05	65	<.01	7	.47	<.01	.25	1	3
94JCR-014	4	51	24	59	.9	7	4	367	1.70	23	<5	<2	6	10	.7	6	<2	6	.31	.042	23	5	.03	63	<.01	7	.36	<.01	.25	<1	7
94JCR-015	3	61	14	28	.8	8	7	675	1.60	34	<5	<2	7	10	.4	5	<2	5	.54	.043	23	4	.02	63	<.01	7	.35	<.01	.25	2	5
94JCR-016	2	41	15	54	2.0	6	8	1307	1.86	98	<5	<2	7	51	.8	5	<2	6	1.28	.047	23	3	.04	67	<.01	7	.37	<.01	.24	1	4
94JCR-017	5	42	97	107	1.6	9	9	909	1.83	35	<5	<2	7	16	1.1	6	2	4	.96	.040	21	5	.03	65	<.01	7	.35	<.01	.25	<1	5
94JCR-018	4	52	27	76	2.0	8	15	324	1.36	25	<5	<2	6	14	.7	10	<2	6	.52	.057	19	5	.08	71	<.01	7	.43	<.01	.26	<1	<1
94JCR-019	3	63	22	109	2.1	7	11	467	.89	25	<5	<2	6	18	1.0	7	<2	6	.61	.042	21	4	.03	78	<.01	9	.43	<.01	.29	1	5
94JCR-020	5	95	25	49	5.4	10	8	360	1.13	26	<5	<2	7	26	.5	11	<2	5	.42	.102	25	6	.02	77	<.01	8	.40	<.01	.32	2	5
94JCR-021	4	566	17	67	16.1	12	13	785	1.19	66	<5	<2	7	25	1.1	90	<2	6	1.07	.053	29	5	.07	92	<.01	7	.31	<.01	.30	<1	7
94JCR-022	2	54	7	108	.5	5	5	336	5.22	119	<5	<2	4	11	.8	4	2	62	.15	.056	12	6	.27	107	.06	<2	1.13	<.01	.90	<1	5
94JCR-023	6	16	8	6	.6	9	2	76	1.98	18	<5	<2	3	4	<.2	7	<2	12	.01	.006	9	9	.01	66	<.01	3	.17	<.01	.26	1	<1
94JCR-024	4	34	13	20	.8	6	2	98	2.73	39	<5	<2	2	10	.4	8	<2	10	.33	.017	5	5	.01	49	<.01	3	.14	<.01	.20	1	7
94JCR-025	5	36	30	32	1.5	7	10	114	6.09	124	<5	<2	2	10	.4	17	<2	9	.35	.019	4	4	.01	17	<.01	<2	.15	<.01	.19	1	1
94JCR-026	12	41	27	130	1.3	7	2	55	4.26	106	<5	<2	3	18	.4	10	<2	11	.04	.076	16	6	.02	60	.01	3	.27	.01	.46	<1	16
94JCR-027	6	32	12	122	.9	7	2	105	3.36	46	<5	<2	4	8	.8	4	3	82	.14	.066	16	8	.18	93	.05	2	.85	<.01	.59	2	<1
94JCR-028	12	175	17	200	2.1	8	11	348	4.38	74	<5	<2	4	22	1.1	8	<2	82	.51	.058	10	7	.23	80	.06	2	.94	<.01	.65	1	7
94JCR-029	19	21	40	43	1.9	10	1	46	4.67	73	<5	<2	4	13	<.2	9	<2	43	.02	.044	10	8	.06	60	.02	2	.34	.01	.52	1	2
94JCR-030	10	14	80	26	3.0	4	<1	36	2.93	89	<5	<2	2	8	.3	13	<2	18	.01	.023	10	4	.01	78	<.01	2	.12	<.01	.33	1	9
94JCR-031	4	9	88	20	2.5	4	1	38	1.69	36	<5	<2	2	8	<.2	11	2	14	.01	.018	7	5	<.01	125	<.01	2	.14	<.01	.28	1	3
94JCR-032	7	14	96	17	4.6	7	1	52	1.60	30	<5	<2	3	4	<.2	19	<2	23	.01	.015	13	8	.01	103	<.01	4	.20	<.01	.27	1	4
94JCR-033	5	21	55	188	1.1	3	1	85	2.54	38	<5	<2	7	11	2.2	2	<2	9	.25	.109	31	2	.09	90	.03	4	.66	<.01	.43	<1	<1
94JCR-034	536	198	2384	1517	32.8	5	2	63	10.20	168	<5	<2	3	9	4.8	46	<2	62	.04	.077	14	4	.05	73	.02	<2	.47	.01	.27	<1	48
94JCR-035	22	18	195	174	3.2	9	3	173	2.91	43	<5	<2	<2	28	2.0	13	2	16	.50	.056	5	9	.01	55	<.01	2	.16	<.01	.29	<1	7
STANDARD C/AU-R	19	57	38	124	7.0	75	32	1024	3.96	40	17	7	36	47	19.1	14	19	61	.50	.093	40	61	.89	188	.08	33	1.88	.05	.14	10	491

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: P1 TO P3 ROCK P4 SOIL AU\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 1 1994 DATE REPORT MAILED: *Sept 16/94* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
94JCR-036	20	19	34	90	1.8	1	7	122	4.28	106	<5	<2	3	24	.7	21	<2	14	.54	.064	5	4	<.01	51	<.01	<2	.14	.01	.23	2	15
94JCR-037	20	26	73	56	3.7	8	4	120	3.68	72	<5	<2	2	15	.5	19	2	15	.31	.033	5	7	.01	55	<.01	<2	.16	.01	.23	2	11
94JCR-038	19	36	302	112	7.6	8	4	65	2.98	69	<5	<2	2	11	.3	38	<2	13	.12	.042	6	10	<.01	65	<.01	<2	.14	<.01	.22	2	19
94JCR-039	32	21	91	104	4.7	7	5	194	4.20	82	<5	<2	<2	20	<.2	22	4	19	.79	.063	4	7	.02	45	<.01	4	.21	.01	.23	1	15
94JCR-040	20	23	38	35	2.9	6	5	173	3.32	124	5	<2	<2	25	.2	20	5	18	.79	.064	5	5	.02	66	.01	6	.22	<.01	.25	2	16
94JCR-041	23	21	33	44	3.0	3	5	217	2.96	54	<5	<2	2	66	.6	19	2	15	1.32	.069	6	6	.02	74	<.01	5	.19	.01	.23	2	5
94JCR-042	34	30	28	16	1.7	9	5	100	5.02	47	<5	<2	2	6	<.2	28	5	16	.08	.022	5	9	.01	31	<.01	4	.20	<.01	.23	1	7
94JCR-043	29	18	22	8	1.0	5	4	83	3.71	34	<5	<2	<2	3	.2	26	7	14	.02	.016	5	6	.01	34	<.01	3	.18	<.01	.21	1	9
94JCR-044	30	64	6	113	.7	2	10	246	5.23	33	6	<2	5	8	<.2	15	8	67	.18	.046	15	9	.25	53	.04	5	.78	.01	.50	<1	12
94JCR-045	27	83	6	80	.6	15	10	189	4.71	51	<5	<2	5	10	1.4	17	<2	51	.20	.038	15	10	.23	62	.02	5	.62	<.01	.39	1	14
94JCR-046	12	7160	251	1356	153.7	18	20	2197	4.80	791	21	<2	7	28	34.0	313	31	25	.64	.024	37	5	.08	173	.01	4	.39	.01	.23	<1	70
94JCR-047	7	4122	151	584	29.0	14	14	451	1.25	157	10	<2	8	10	12.4	11	10	4	.41	.058	41	5	.01	48	<.01	6	.29	.01	.25	1	37
RE 94JCR-047	7	4176	150	585	28.4	15	13	445	1.25	154	10	<2	8	10	13.1	10	6	4	.40	.059	42	5	.02	51	<.01	9	.28	.01	.26	1	27
94JCR-048	5	2564	23	303	11.6	30	24	560	1.24	70	<5	<2	7	8	5.0	9	2	6	.70	.034	28	6	.02	61	<.01	8	.34	<.01	.29	1	13
94JCR-049	3	85	12	33	1.0	9	10	504	.99	33	<5	<2	7	11	.5	6	5	5	.80	.038	32	5	.02	56	.01	10	.33	<.01	.30	1	7
94JCR-050	5	47	7	424	.3	4	7	985	3.18	11	<5	<2	7	21	3.2	10	<2	9	.51	.113	34	4	.11	72	.05	9	.72	<.01	.40	<1	12
94JCR-051	7	418	18	130	1.8	6	11	1229	1.51	44	<5	<2	7	57	1.1	25	6	5	1.70	.047	26	5	.04	76	<.01	8	.35	<.01	.30	1	5
94MCR-001	5	713	638	30	6.1	5	11	810	4.26	74	<5	<2	7	23	.7	10	11	7	2.20	.059	29	4	.02	153	<.01	4	.23	.01	.25	3	225
94MCR-002	4	45	21	634	.1	7	10	1360	2.87	3	<5	<2	9	18	1.5	8	2	3	1.11	.056	27	3	.07	89	<.01	6	.30	.02	.23	<1	11
94MCR-003	5	13	23	47	.2	7	4	808	3.30	31	<5	<2	7	53	.2	31	<2	4	1.43	.042	16	5	.19	98	<.01	10	.29	.03	.25	1	30
94MCR-005	1	33	7	43	.1	9	10	1938	3.99	9	<5	<2	8	162	.4	3	<2	15	7.16	.072	15	5	.44	123	.03	7	.85	.01	.37	1	10
94MCR-006	4	48	5	67	.3	9	15	1867	5.68	8	<5	<2	7	140	.7	<2	<2	16	7.38	.072	11	4	1.63	69	.01	4	.58	.02	.28	<1	7
94MCR-007	4	47	15	57	.3	<1	3	433	4.88	52	<5	<2	2	25	<.2	4	<2	19	.31	.128	16	4	1.08	97	<.01	7	1.99	.02	.21	<1	9
94MCR-008	3	9	13	72	.6	6	9	440	2.25	13	<5	<2	4	16	.4	8	<2	5	.57	.038	16	5	.03	60	<.01	9	.37	<.01	.31	1	5
94MCR-009	23	48	18	7	1.7	1	4	47	4.03	267	<5	<2	5	44	<.2	37	5	10	.02	.024	14	4	.01	120	<.01	6	.28	<.01	.55	<1	55
94MCR-010	2	67	7	45	.3	8	11	489	3.12	62	<5	<2	9	38	.2	6	8	9	.44	.064	13	6	.21	151	.01	2	.90	.02	.33	2	10
94MCR-011	5	27	10	14	1.2	9	14	60	4.47	160	<5	<2	3	7	.5	15	<2	26	.09	.040	9	7	.03	58	.02	7	.38	<.01	.39	2	5
94MCR-012	8	12	6	10	.6	2	4	37	2.08	114	<5	<2	2	4	.2	11	<2	12	.02	.015	15	7	.01	67	<.01	4	.23	.01	.29	1	12
94MCR-013	25	15	14	9	.8	7	4	37	1.26	76	<5	<2	2	3	<.2	23	<2	17	.03	.008	16	5	.01	76	.01	10	.29	<.01	.31	1	3
94MCR-014	19	15	10	11	.5	6	5	46	1.99	123	<5	<2	2	5	<.2	21	<2	19	.02	.010	12	9	.01	102	.01	9	.29	<.01	.34	1	<1
94MCR-015	32	62	9	50	.5	6	15	315	4.73	282	<5	<2	2	11	.3	28	<2	36	.27	.047	8	7	.06	58	.04	7	.47	.01	.44	2	<1
94MCR-016	14	31	14	30	.9	9	13	252	3.89	217	<5	<2	2	13	<.2	24	<2	24	.23	.031	9	6	.03	55	.03	6	.32	.01	.35	2	<1
94MCR-017A	6	129	18	64	.9	7	16	785	5.35	105	<5	<2	2	12	<.2	24	6	55	.35	.088	10	10	.08	51	.06	6	.57	.01	.51	<1	3
94MCR-017B	<1	39	2	106	.6	4	21	2265	9.64	23	<5	<2	<2	25	<.2	3	<2	234	1.94	.110	12	12	.61	232	.29	3	3.13	.01	2.77	<1	1
94MCR-018	4	52	10	32	.8	4	2	287	5.22	113	<5	<2	3	14	.4	15	<2	90	.23	.125	19	7	.23	156	.13	11	1.27	.01	1.09	<1	3
STANDARD C/AU-R	20	60	38	136	7.4	70	32	1078	4.09	40	22	7	40	52	18.7	15	17	61	.51	.093	41	61	.92	188	.09	38	1.94	.07	.17	11	471

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
94MCR-019	4	279	3	36	.2	4	3	710	2.46	3	<5	<2	5	41	<.2	<2	<2	7	1.21	.011	4	4	.23	83	.01	3	.86	.01	.12	2	103
94MCR-020	11	6	10	10	.1	3	2	332	.36	13	<5	<2	13	45	<.2	<2	<2	<2	.74	.004	24	4	.02	103	<.01	5	.30	.01	.22	1	28
94MCR-021	2	8	5	30	.1	4	4	393	1.47	<2	<5	<2	3	59	<.2	<2	<2	12	.82	.019	4	6	.26	50	<.01	3	.54	.02	.06	2	<1
94MCR-022	7	5351	6	18	9.9	9	10	1009	3.77	28	<5	<2	<2	39	1.0	22	3	2	1.97	.008	<2	4	.08	38	<.01	<2	.13	<.01	.05	<1	120
94MCR-023	5	43	26	39	.2	5	3	725	.97	7	<5	<2	12	34	.3	<2	<2	<2	.30	.005	13	6	.02	74	<.01	3	.23	.04	.15	1	13
RE 94MCR-023	5	41	25	37	.1	6	2	716	.96	6	<5	<2	11	33	.2	<2	<2	<2	.29	.005	13	6	.02	73	<.01	3	.23	.04	.16	1	12
94MCR-024	<1	645	6	21	.6	3	12	1760	3.04	<2	<5	<2	<2	51	<.2	<2	<2	16	3.81	.114	7	1	.20	126	.02	3	.47	.02	.17	1	7
94ACR-062	2	68	2164	9126	27.6	5	9	1719	3.81	12	<5	<2	<2	110	99.8	36	<2	11	3.85	.080	9	2	.73	49	.01	4	.40	.01	.24	2	23
94ACR-063	1	13	206	419	1.2	5	8	1549	3.41	9	<5	<2	<2	81	3.8	<2	<2	28	3.39	.126	10	3	.77	54	.04	4	.40	.01	.24	<1	1
94ACR-064	4	21	16	74	.3	7	10	1586	3.23	8	<5	<2	2	53	<.2	4	<2	18	2.53	.066	9	3	.44	46	.02	7	.46	.01	.29	<1	3
94ACR-065	2	218	15	65	.8	3	5	1538	1.82	17	<5	<2	2	63	<.2	2	<2	10	5.11	.053	12	2	.09	62	.01	4	.30	<.01	.19	1	<1
94ACR-066	2	30	7	44	.3	4	3	475	.78	9	<5	<2	4	35	.2	<2	<2	5	1.66	.099	25	2	.04	58	<.01	7	.37	.01	.33	1	2
94ACR-067	<1	6	22	107	.2	3	7	1798	4.02	10	<5	<2	<2	78	<.2	<2	<2	15	4.56	.068	6	1	1.13	32	.01	5	.31	.01	.16	<1	<1
94ACR-068	1	4	10	88	<.1	4	5	1599	2.60	6	<5	<2	2	40	<.2	<2	<2	9	3.15	.054	15	3	.32	62	.01	4	.30	<.01	.21	1	2
94ACR-069	<1	5	3	67	.1	4	8	2466	6.33	<2	<5	<2	<2	205	<.2	<2	<2	16	6.19	.074	6	1	2.37	35	<.01	4	.47	<.01	.21	<1	<1
94ACR-070	2	375	2246	2735	14.2	4	31	1448	4.15	52	<5	<2	<2	14	73.9	3	14	5	.58	.063	12	2	.08	54	.01	3	.22	.01	.22	1	23
94ACR-071	<1	19	21	64	.2	4	9	2825	6.41	15	<5	<2	<2	43	.9	<2	<2	25	2.03	.115	11	1	.24	67	.03	6	.51	<.01	.32	<1	<1
94ACR-072	1	11	6	75	<.1	8	15	3862	8.97	3	<5	<2	<2	64	.4	2	<2	33	2.82	.075	8	3	.48	54	<.01	3	.41	<.01	.26	<1	<1
94ACR-073	<1	3	6	43	.1	2	6	2261	6.07	<2	<5	<2	<2	118	.2	<2	<2	25	5.98	.081	8	2	1.13	66	.02	5	.80	<.01	.23	1	<1
94ACR-074	1	10	16	23	.3	5	6	2657	3.49	20	<5	<2	<2	75	.3	4	<2	16	6.08	.111	10	1	.08	44	<.01	8	.31	<.01	.20	1	<1
94ACR-075	1	13	5	120	.2	4	10	2412	7.23	4	<5	<2	<2	59	.3	<2	<2	17	4.56	.110	13	1	.69	58	.02	3	1.28	<.01	.22	<1	<1
94ACR-076	1	7	32	112	.6	4	10	2103	4.69	7	<5	<2	<2	81	.9	<2	<2	27	4.92	.090	7	2	.72	57	.01	4	.58	<.01	.19	<1	1
94ACR-077	1	66	7	3280	.7	5	15	2096	5.11	12	<5	<2	<2	70	2.8	3	<2	18	3.29	.109	5	2	.39	53	.02	6	.40	<.01	.21	1	<1
94ACR-078	4	11	8	69	.2	7	9	2003	4.06	12	<5	<2	2	53	.3	2	<2	16	5.24	.102	10	2	.29	59	.01	3	.28	<.01	.19	<1	3
94ACR-079	3	24	16	55	2.0	13	22	610	14.07	117	<5	<2	<2	45	.7	17	<2	7	1.20	.025	<2	3	.08	12	<.01	<2	.22	<.01	.17	1	88
94ACR-080	5	18025	5	88	7.8	10	16	2154	6.09	26	<5	<2	<2	66	2.1	5	5	11	5.88	.083	11	1	.41	40	.01	<2	.44	<.01	.12	<1	148
94ACR-081	3	361	137	464	3.1	12	7	5705	5.48	90	<5	<2	<2	373	4.4	13	<2	17	17.91	.026	11	1	3.55	132	<.01	<2	.14	<.01	.06	1	26
94ACR-082	5	724	18	222	3.2	9	11	3053	5.75	49	<5	<2	<2	440	2.3	10	<2	16	15.83	.035	5	1	3.34	91	<.01	<2	.12	<.01	.05	1	103
STANDARD C/AU-R	19	61	38	128	7.3	72	31	1058	3.96	42	22	8	36	46	19.0	15	19	62	.52	.090	40	62	.92	177	.09	34	1.88	.06	.15	10	483

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
94MCS-004	<1	111	35	302	.3	14	30	3738	8.57	326	<5	<2	6	13	<.2	12	<2	63	.10	.096	29	3	.40	132	.07	3	1.22	<.01	.37	<1	48
STANDARD C/AU-S	19	56	41	126	6.9	73	31	1042	3.96	42	15	7	38	53	19.0	15	21	62	.49	.092	40	59	.93	183	.08	34	1.88	.06	.15	10	53

Sample type: SOIL.



**GEOCHEMICAL ANALYSIS CERTIFICATE**

**Orequest Consultants Ltd. PROJECT CORNICE MTN. File # 94-3093 Page 1**



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
94MCR-045	3	5	6	25	<.1	3	5	685	2.60	26	<5	<2	6	35	<.2	17	<2	5	1.21	.062	19	3	.23	72	<.01	6	.45	.03	.31	<1	8
94MCR-046	2	5	25	22	.4	2	2	349	3.97	93	<5	<2	4	49	<.2	34	<2	4	1.13	.055	14	4	.20	107	<.01	6	.29	.04	.28	1	12
94MCR-047	4	7	16	22	.1	3	5	894	4.75	85	<5	<2	3	85	<.2	53	<2	5	2.84	.059	8	1	.57	48	<.01	6	.31	.03	.23	1	8
94MCR-048	2	4	8	51	.2	3	5	1509	3.10	10	<5	<2	8	61	<.2	11	4	4	2.34	.064	27	4	.47	63	<.01	6	.39	.03	.29	<1	3
94MCR-049	3	8	14	44	<.1	4	7	1248	6.27	87	<5	<2	5	80	<.2	54	<2	4	2.32	.064	12	<1	.37	77	<.01	7	.37	.02	.28	<1	10
94MCR-050	3	5	16	35	.3	3	4	605	5.88	190	<5	<2	6	46	<.2	87	<2	4	1.14	.053	18	5	.10	101	<.01	6	.35	.02	.28	2	10
94MCR-051	14	13	11	18	.3	5	6	441	5.35	133	<5	<2	6	27	<.2	58	<2	4	.60	.054	19	4	.03	103	<.01	7	.45	.02	.30	1	8
94MCR-052	4	180	33	133	4.4	9	10	559	1.02	46	<5	<2	6	13	1.1	22	<2	5	.55	.047	36	3	.03	63	<.01	<2	.41	.01	.32	<1	3
94MCR-053	3	79	11	30	.9	3	6	973	2.37	11	<5	<2	7	22	.2	9	<2	4	.50	.097	35	2	.04	82	<.01	5	.49	.01	.42	2	241
94MCR-054	6	2356	50	2454	237.2	8	8	564	1.53	59	<5	<2	8	15	26.4	712	4	6	.44	.080	51	4	.03	60	<.01	<2	.42	.01	.29	2	300
94MCR-055	4	448	16	295	4.8	10	9	792	1.07	19	<5	<2	10	22	5.7	13	3	5	.94	.085	47	1	.06	56	<.01	3	.35	.01	.28	<1	17
94MCR-056	3	85	8	30	.7	2	7	801	2.72	25	<5	<2	9	18	.2	10	<2	2	.45	.074	38	3	.04	80	.01	<2	.48	.01	.32	1	68
94MCR-057	3	87	11	100	1.7	5	5	1015	2.41	6	<5	<2	10	18	.7	9	<2	6	.69	.084	40	3	.12	76	.04	5	.59	.01	.60	<1	12
94MCR-058	3	29	11	34	.5	6	8	1049	2.63	17	<5	<2	6	45	.2	6	<2	8	2.22	.037	24	5	.17	52	.01	9	.97	.01	.52	<1	10
94MCR-059	4	106	58	55	3.1	13	12	71	1.99	67	<5	<2	7	17	.2	10	<2	5	.07	.042	21	4	.02	40	<.01	8	.58	.01	.55	1	10
94MCR-060	5	70	23	89	1.3	6	6	490	1.62	31	<5	<2	7	13	.8	9	<2	10	.40	.047	26	8	.04	69	.01	8	.56	.01	.54	<1	4
94MCR-061	17	13	20	11	.8	4	1	63	1.96	24	<5	<2	5	17	<.2	12	<2	16	.02	.020	32	7	.01	88	<.01	2	.22	.01	.32	1	8
94MCR-062	14	14	17	8	.7	3	1	45	1.73	20	<5	<2	5	12	<.2	12	<2	14	.01	.018	25	6	.01	70	<.01	<2	.21	<.01	.24	<1	2
94MCR-063	10	11	22	10	.8	6	1	63	1.15	21	<5	<2	5	16	<.2	12	<2	14	.01	.018	24	7	.01	84	<.01	<2	.27	.01	.29	1	2
94MCR-064	15	13	25	12	1.2	3	1	55	1.57	33	<5	<2	3	10	.2	18	<2	15	.01	.018	17	3	.01	99	<.01	<2	.27	<.01	.25	1	9
94MCR-065	11	18	24	18	1.3	4	2	126	2.47	53	<5	<2	4	5	.2	22	2	18	.04	.010	23	8	.01	61	<.01	4	.24	<.01	.23	2	1
94MCR-066	32	24	53	16	3.6	7	2	99	4.05	123	<5	<2	<2	6	.2	49	<2	23	.02	.010	11	10	.01	58	<.01	5	.17	<.01	.15	1	2
94MCR-067	27	26	56	40	3.2	5	2	97	3.10	101	<5	<2	2	20	.3	32	<2	30	.03	.016	17	9	.01	87	<.01	<2	.23	<.01	.27	2	2
RE 94MCR-067	27	25	56	39	3.3	5	2	98	2.98	96	<5	<2	3	19	.4	32	2	29	.03	.016	17	9	.01	85	<.01	5	.23	.01	.26	2	4
94MCR-068	43	34	56	190	1.2	5	7	147	4.06	54	<5	<2	3	55	2.8	32	<2	43	.05	.078	24	4	.03	120	<.01	4	.61	.01	.62	<1	6
94MCR-069	44	21	50	22	3.3	8	2	118	3.28	95	<5	<2	2	7	.4	43	<2	27	.02	.015	12	11	.01	71	<.01	2	.23	.01	.22	1	8
94MCR-070	12	11	30	14	1.1	4	1	67	1.67	33	<5	<2	3	35	.2	11	<2	16	.01	.038	13	8	<.01	116	<.01	<2	.19	.01	.29	1	10
94MCR-071	18	19	42	31	1.7	3	2	99	2.43	37	<5	<2	3	37	.3	13	<2	23	.02	.044	14	7	.01	133	<.01	<2	.25	.01	.52	1	11
94MCR-072	23	11	282	22	2.9	7	1	62	2.13	40	<5	<2	3	35	.3	13	<2	21	.01	.040	9	11	.01	162	<.01	<2	.21	.01	.60	1	10
94MCR-073	72	19	951	38	14.6	4	3	97	4.83	119	<5	<2	<2	53	.9	40	<2	32	.02	.075	6	5	.01	46	<.01	2	.30	.01	.84	2	19
94MCR-074	33	14	97	19	3.6	8	1	56	2.42	42	<5	<2	2	13	.2	19	<2	26	.01	.033	8	13	.01	97	<.01	2	.27	.01	.46	1	23
94MCR-075	38	13	46	9	1.7	3	2	45	3.76	44	<5	<2	2	41	<.2	21	<2	26	.01	.127	9	7	.01	39	<.01	<2	.21	.01	.74	2	19
94MCR-076	9	13	27	34	1.4	6	1	53	1.33	14	<5	<2	6	9	.2	11	<2	15	.04	.037	25	10	.01	65	<.01	<2	.25	.01	.32	1	8
94MCR-077	2	18	7	37	.3	5	1	107	1.07	14	<5	<2	4	10	<.2	7	<2	15	.08	.050	22	9	.01	68	<.01	<2	.21	<.01	.24	1	4
94MCR-078	9	15	24	70	1.1	3	2	67	2.60	29	<5	<2	4	25	.2	14	<2	33	.06	.060	21	9	.05	83	.01	6	.51	.01	.60	<1	<1
STANDARD C/AU-R	17	58	38	128	6.7	70	33	1044	3.96	43	14	7	35	51	17.9	14	17	60	.52	.091	40	62	.91	182	.08	33	1.88	.07	.15	12	503

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: CORE AU\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 12 1994 DATE REPORT MAILED: *Sept 16/94* SIGNED BY: *[Signature]* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
94MCR-079	24	4341	41	345	37.2	7	8	225	1.57	53	5	<2	9	45	1.9	6	11	8	.16	.077	31	3	.02	119	<.01	2	.56	<.01	.30	<1	31
94DCR-009	33	28	3	24	.4	3	5	39	2.86	88	<5	<2	3	40	.6	21	4	21	.21	.086	6	4	.02	26	<.01	5	.29	.01	.33	<1	1
94DCR-010	36	19	15	28	.9	14	11	67	3.98	115	<5	<2	3	56	.4	32	<2	29	.39	.183	7	4	.02	24	<.01	9	.36	<.01	.33	1	13
94DCR-011	28	60	11	54	.5	16	12	106	4.70	99	<5	<2	4	66	.5	30	<2	36	.51	.304	7	5	.03	10	<.01	6	.46	<.01	.35	<1	1
94DCR-012	26	34	9	25	.4	11	8	60	4.73	98	<5	<2	3	31	.8	32	2	22	.08	.099	5	3	.02	13	<.01	8	.28	.01	.30	<1	<1
94DCR-013	12	15	23	25	.6	14	11	78	5.91	135	<5	<2	4	50	.8	34	<2	30	.36	.193	6	3	.02	10	<.01	9	.32	<.01	.28	<1	11
94DCR-014	41	11	79	44	2.9	6	3	37	3.95	83	<5	<2	3	16	.5	14	<2	19	.07	.077	7	5	.02	16	.01	7	.24	<.01	.31	1	30
94DCR-015	30	35	127	556	2.8	7	7	498	3.19	80	<5	<2	3	49	5.6	18	2	23	.66	.118	10	3	.15	45	<.01	9	.28	<.01	.25	<1	11
94DCR-016	10	28	695	719	5.7	3	4	325	2.91	77	<5	<2	3	60	7.5	21	<2	23	.65	.128	12	3	.11	87	<.01	4	.32	<.01	.32	<1	6
94DCR-017	7	14	27	30	1.4	12	4	63	2.76	44	<5	<2	3	16	.4	12	<2	16	.10	.074	6	6	.02	43	<.01	6	.19	<.01	.25	1	8
94DCR-018	48	40	27	36	2.6	11	9	127	4.17	312	<5	<2	4	18	.6	10	6	17	.18	.090	8	5	.07	32	.02	4	.30	.01	.26	1	41
94JCR-054	5	40	42	184	2.4	4	5	58	1.88	57	<5	<2	5	11	.4	7	<2	3	.04	.052	21	3	.01	142	<.01	<2	.20	<.01	.23	<1	20
94JCR-055	5	25	37	84	.7	7	2	205	2.66	32	<5	<2	5	23	<.2	7	2	24	.17	.085	17	9	.05	80	.04	3	.38	.01	.27	<1	<1
94JCR-056	16	54	19	66	4.2	3	2	32	1.68	66	<5	<2	4	39	<.2	5	<2	7	.01	.074	23	4	.02	133	.01	4	.23	<.01	.33	<1	14
94JCR-057	9	72	35	508	.7	3	10	618	3.73	194	5	<2	6	67	2.4	8	6	16	.16	.097	29	2	.05	108	.01	6	.91	<.01	.32	<1	3
RE 94JCR-057	9	74	35	511	.7	4	10	622	3.74	194	<5	<2	5	67	2.2	6	7	16	.16	.099	29	2	.05	110	.01	7	.92	<.01	.31	<1	<1
94JCR-058	3	22	21	306	.4	5	5	174	3.45	27	<5	<2	5	29	.2	3	<2	32	.16	.078	22	6	.15	113	.07	5	.85	<.01	.43	<1	1
STANDARD C/AU-R	19	58	41	125	7.0	73	31	1056	3.96	44	20	6	38	52	18.4	19	19	62	.50	.093	40	62	.94	182	.08	34	1.88	.06	.15	11	497

Sample type: CORE. Samples beginning 'RE' are duplicate samples.



**GEOCHEMICAL ANALYSIS CERTIFICATE**



**Orequest Consultants Ltd. PROJECT CORNICE MTN. File # 94-3064 Page 1**

306 - 595 Howe St., Vancouver BC V6C 2T5 Submitted by: John Nicholson

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
94MCR-025	5	9373	58	970	15.4	17	21	217	1.68	83	6	<2	8	8	8.7	117	4	7	.14	.041	32	7	.02	81	<.01	8	.33	.01	.27	1	14
94MCR-026	3	817	20	118	9.7	6	5	574	.72	48	<5	<2	8	22	1.5	15	<2	5	1.01	.043	56	4	.02	63	<.01	7	.32	.01	.27	1	75
94MCR-027	9	15751	442	787	114.1	9	15	80	1.93	331	7	<2	6	16	18.6	4053	10	3	.08	.042	12	4	.01	48	<.01	7	.25	.01	.22	<1	67
94MCR-028	4	183	7	118	1.1	7	7	1470	1.72	59	<5	<2	7	27	.7	25	<2	8	1.66	.044	24	4	.04	100	.01	10	.38	<.01	.32	<1	2
94MCR-029	2	1163	18	103	3.2	5	8	1441	1.85	83	<5	<2	5	23	1.1	43	<2	10	.99	.037	16	3	.12	47	.01	9	.31	<.01	.26	1	6
94MCR-030	3	95	12	27	.9	2	3	413	2.68	53	<5	<2	<2	13	.2	16	<2	11	.34	.072	6	1	.08	73	<.01	5	.38	.03	.18	1	30
94MCR-031	2	32	5	51	.1	8	9	2012	3.17	10	<5	<2	<2	228	<.2	2	<2	13	3.51	.074	3	5	.88	28	<.01	4	.44	.03	.08	1	4
94MCR-032	2	44	7	19	.2	4	9	983	2.75	20	<5	<2	<2	15	<.2	<2	<2	11	.31	.110	6	2	.05	100	<.01	5	.46	.03	.19	2	4
94MCR-033	2	29	11	19	.3	7	10	965	4.28	26	<5	<2	<2	25	<.2	3	<2	13	.63	.105	5	2	.17	65	.01	5	.47	.02	.19	1	11
94MCR-034	2	50	5	54	.2	5	7	918	3.29	40	<5	<2	<2	50	<.2	4	<2	15	.92	.112	7	3	.31	79	<.01	5	.63	.03	.22	1	8
94MCR-035	1	73	16	131	.2	5	10	737	4.04	31	<5	<2	<2	30	.9	2	<2	14	.60	.117	6	2	.29	63	<.01	5	.85	.03	.17	1	13
94MCR-036	1	75	8	51	.3	4	8	1476	3.10	13	<5	<2	<2	52	<.2	<2	<2	17	1.67	.111	6	1	.49	70	<.01	4	.86	.02	.21	<1	32
94MCR-037	2	59	7	51	.3	7	11	1665	3.88	33	<5	<2	<2	55	<.2	<2	<2	18	1.50	.114	5	3	.51	69	<.01	4	.89	.02	.20	1	11
94MCR-038	1	30	8	33	.1	5	10	1800	3.62	27	<5	<2	<2	63	.2	<2	<2	14	1.94	.117	5	1	.44	75	<.01	4	.58	.02	.21	1	12
94MCR-039	2	8	7	20	<.1	3	1	780	.97	2	<5	<2	<2	46	<.2	<2	<2	6	1.02	.079	4	3	.15	68	<.01	4	.29	.01	.16	1	5
94MCR-040	4	671	12	71	1.4	4	13	959	1.73	15	<5	<2	<2	98	.4	<2	<2	9	1.52	.114	6	2	.25	102	.01	6	.50	.02	.26	1	157
RE 94MCR-040	4	691	13	71	1.5	5	12	966	1.74	17	<5	<2	<2	99	.6	<2	2	9	1.51	.114	7	3	.25	104	.01	5	.50	.02	.27	<1	147
94MCR-041	2	27	8	13	.3	2	<1	45	.58	9	5	<2	7	5	<.2	<2	<2	<2	.02	.003	20	3	.01	107	<.01	5	.27	.01	.19	1	43
94MCR-042	1	71	15	41	.4	5	10	1910	4.94	36	<5	<2	<2	84	<.2	<2	<2	18	3.05	.102	5	1	.55	57	.01	3	.53	.03	.14	2	19
94MCR-043	2	103	9	64	.3	7	14	1806	4.38	25	<5	<2	<2	86	.4	<2	2	24	2.14	.109	7	3	.67	73	<.01	2	.94	.03	.13	<1	7
94MCR-044	2	75	7	56	.3	8	15	2456	3.93	27	<5	<2	<2	75	<.2	<2	<2	21	2.98	.114	8	2	.49	106	.01	4	.64	.02	.19	1	7
94DCR-001	4	72	7	48	.6	53	12	444	4.07	60	<5	<2	2	19	<.2	<2	<2	36	.43	.099	6	17	.69	132	<.01	3	1.39	.02	.15	1	7
94DCR-002	2	64	4	77	.4	12	9	343	4.51	22	<5	<2	<2	16	<.2	<2	<2	39	3.5	.081	7	4	1.06	118	.02	3	2.12	.01	.17	1	9
94DCR-003	2	39	<2	83	.3	11	9	1335	4.75	11	<5	<2	2	143	<.2	<2	<2	35	4.85	.081	6	4	1.39	67	.01	<2	1.98	.01	.10	1	2
94DCR-004	1	62	4	100	.5	8	10	746	5.09	<2	<5	<2	<2	52	<.2	<2	<2	46	1.72	.077	6	6	1.27	80	.02	2	2.24	.01	.10	<1	7
94DCR-005	10	58	11	39	.8	86	19	1088	4.10	44	<5	<2	<2	105	<.2	<2	<2	26	1.87	.064	4	28	.49	70	<.01	3	1.00	.02	.14	2	9
94DCR-006	6	58	12	43	1.1	84	16	1359	3.67	79	<5	<2	<2	161	<.2	<2	<2	26	2.84	.104	6	14	.83	62	<.01	3	1.21	.02	.13	2	<1
94DCR-007	16	68	46	39	3.3	70	20	1323	4.02	98	<5	<2	<2	55	.2	2	<2	19	1.70	.079	4	9	.31	69	<.01	3	.54	.02	.12	2	12
94DCR-008	16	70	10	70	.3	37	17	467	3.93	46	<5	<2	2	19	<.2	<2	<2	22	.51	.072	11	14	.90	61	.01	3	1.73	.01	.13	1	12
94JCR-052	4	30	8	16	.3	5	4	194	.77	14	<5	<2	6	16	<.2	<2	<2	5	.26	.072	23	4	.02	87	<.01	6	.30	<.01	.26	2	7
94JCR-053	3	24	8	23	.2	6	2	461	.96	8	<5	<2	5	15	<.2	<2	<2	5	.27	.045	17	5	.02	55	<.01	5	.28	.01	.21	<1	2
94JCR-054	3	84	9	95	.3	5	7	1106	2.46	104	<5	<2	9	27	.3	<2	<2	5	.82	.080	34	3	.14	61	.02	5	.50	.01	.31	<1	70
94JCR-055	3	72	10	132	.3	3	7	922	2.94	4	<5	<2	7	25	.6	3	<2	5	.85	.074	25	2	.17	60	.01	3	.55	.01	.26	<1	7
STANDARD C/AU-R	19	56	38	132	6.8	72	32	1036	3.96	42	18	7	35	50	17.6	14	19	61	.51	.092	40	59	.91	191	.08	33	1.88	.06	.15	13	463

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-MNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: P1 ROCK P2 TO P2 SOIL AU\*\* ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 8 1994 DATE REPORT MAILED: *Sept 14/94* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
LINE 1 4+50W	1	42	7	107	.4	7	16	1989	6.22	14	<5	<2	4	55	<.2	2	<2	123	.99	.138	10	8	1.81	504	.21	8	2.68	.05	.75	1	23
LINE 1 4+25W	1	59	3	102	.1	15	16	2017	5.30	10	<5	<2	2	67	<.2	<2	<2	117	.93	.121	10	22	1.54	522	.17	3	2.63	.07	.78	<1	16
LINE 1 4+00W	1	50	5	92	.3	3	15	2008	5.04	10	<5	<2	3	59	<.2	<2	<2	76	.70	.135	14	6	.92	419	.11	5	1.79	.06	.51	<1	10
LINE 1 3+75W	2	100	7	264	.3	74	28	1708	6.24	17	<5	<2	3	84	1.0	<2	<2	168	1.19	.111	6	51	2.28	448	.30	<2	4.50	.17	1.35	2	8
LINE 1 3+50W	1	56	10	115	.3	7	16	2074	5.48	16	<5	<2	3	67	<.2	<2	<2	89	1.04	.131	14	11	1.18	445	.13	8	2.18	.06	.61	<1	26
LINE 1 3+25W	1	52	5	141	<.1	9	16	1993	5.73	12	<5	<2	4	60	<.2	<2	<2	98	.84	.129	13	11	1.33	383	.17	9	2.47	.06	.83	<1	31
LINE 1 3+00W	4	225	6	220	.2	17	53	3182	7.09	8	<5	<2	4	81	<.2	<2	<2	130	1.52	.098	9	13	1.96	361	.22	6	4.33	.05	1.21	1	19
LINE 1 2+75W	2	78	3	155	.2	6	19	1638	5.86	20	<5	<2	3	80	<.2	<2	<2	97	1.14	.107	12	10	1.60	421	.15	2	3.30	.04	.87	1	13
LINE 1 2+50W	8	75	<2	175	.2	9	24	1455	6.10	8	<5	<2	5	33	<.2	<2	<2	142	.54	.096	11	17	1.82	225	.30	8	3.97	.02	1.15	3	24
LINE 1 2+25W	8	167	<2	167	1.0	17	33	1634	6.29	7	<5	<2	4	38	<.2	<2	<2	124	.39	.104	12	16	1.44	311	.28	3	3.36	.02	1.06	2	16
LINE 1 2+00W	10	119	10	190	1.2	23	22	1336	7.53	14	<5	<2	4	58	<.2	<2	<2	141	.47	.101	9	33	1.72	326	.26	7	4.80	.04	1.16	3	43
RE LINE 1 2+00W	10	119	10	192	1.1	25	25	1355	7.58	10	<5	<2	5	57	<.2	<2	<2	141	.47	.101	9	34	1.73	326	.26	<2	4.85	.04	1.16	2	33
LINE 1 1+75W	10	123	7	193	.7	29	30	1698	7.55	13	<5	<2	4	59	<.2	<2	<2	141	.50	.112	9	33	1.72	370	.26	<2	4.66	.05	1.29	5	35
LINE 1 1+50W	9	81	3	118	.4	10	11	1028	7.80	7	<5	<2	5	33	<.2	<2	<2	149	.29	.105	8	25	1.52	350	.33	8	2.84	.03	1.31	4	20
LINE 1 1+25W	11	50	9	113	.1	7	8	621	5.53	3	<5	<2	4	28	<.2	<2	<2	144	.08	.038	8	31	1.19	206	.35	<2	2.68	.01	.51	5	23
LINE 1 1+00W	10	78	<2	91	.2	1	10	857	7.05	2	<5	<2	5	26	<.2	<2	3	129	.31	.107	10	20	1.19	244	.30	<2	2.02	.02	1.07	17	32
LINE 1 0+75W	18	89	5	101	.1	8	11	935	6.12	6	<5	<2	5	33	<.2	<2	<2	122	.37	.110	10	23	1.27	225	.30	<2	2.25	.03	.97	4	14
LINE 1 0+50W	29	134	2	143	.3	19	22	1217	5.68	7	<5	<2	4	42	<.2	<2	<2	123	.48	.098	12	34	1.56	254	.31	6	3.26	.06	1.08	4	9
LINE 1 0+25W	42	121	<2	100	<.1	8	12	956	5.26	<2	6	<2	5	15	<.2	<2	<2	175	.19	.092	11	11	1.66	280	.40	2	2.23	.03	1.21	2	9
LINE 1 0+00W	26	239	6	222	.3	59	51	1981	6.79	16	<5	<2	4	72	.3	<2	<2	142	.83	.104	9	54	2.09	364	.31	2	4.52	.14	1.26	1	17
LINE 1 0+25E	48	160	9	159	.1	52	26	1320	6.05	10	<5	<2	4	35	<.2	<2	<2	134	.46	.118	10	51	1.90	340	.33	<2	2.85	.09	1.24	4	9
LINE 1 0+50E	69	163	7	97	.2	14	10	740	5.76	4	<5	<2	3	19	<.2	<2	<2	122	.24	.110	10	39	1.58	261	.31	2	2.17	.04	1.10	2	2
LINE 1 0+75E	45	156	13	164	.3	49	24	1270	5.69	13	<5	<2	4	37	.2	<2	<2	123	.46	.116	11	49	1.73	276	.30	2	2.76	.07	1.04	3	6
LINE 1 1+00E	31	151	15	201	.2	88	26	1467	5.80	11	<5	<2	2	52	.6	<2	<2	127	.60	.117	10	66	1.84	302	.28	2	3.47	.12	.99	1	7
LINE 1 1+25E	25	152	9	234	.3	90	27	1602	5.83	17	<5	<2	4	54	.6	<2	<2	129	.62	.122	9	68	1.86	296	.28	<2	3.81	.15	.95	<1	6
LINE 1 1+50E	21	104	11	176	.3	62	20	1201	5.02	14	<5	<2	3	37	<.2	<2	<2	98	.54	.115	10	44	1.35	220	.21	3	2.17	.06	.62	2	9
LINE 1 1+75E	23	102	11	132	.3	37	16	903	4.34	9	<5	<2	3	24	<.2	<2	<2	95	.38	.099	9	41	1.22	204	.23	<2	2.00	.05	.68	1	6
LINE 1 2+00E	20	94	13	167	.1	49	15	1043	4.52	15	<5	<2	4	25	<.2	<2	<2	90	.43	.109	10	43	1.24	185	.21	2	2.06	.05	.62	<1	42
LINE 1 2+25E	16	86	18	186	.3	49	16	1102	4.82	16	<5	<2	4	25	.6	2	3	96	.48	.119	11	35	1.22	193	.23	<2	2.01	.05	.72	2	17
LINE 1 2+50E	11	112	12	245	.2	49	18	937	4.48	12	<5	<2	3	41	.9	<2	<2	123	.68	.103	9	57	1.53	243	.29	<2	2.67	.09	.91	2	32
LINE 1 2+75E	4	110	51	228	.5	101	18	1151	4.78	19	<5	<2	2	116	1.3	<2	<2	122	1.51	.122	7	86	1.87	234	.26	<2	3.54	.19	.75	<1	18
LINE 1 3+00E	5	115	54	242	.7	99	19	1114	4.90	14	<5	<2	2	115	1.5	3	<2	132	1.53	.125	7	92	2.03	256	.28	<2	3.72	.19	.82	<1	16
LINE 2 6+00W	73	452	89	401	4.8	10	27	3431	15.19	259	<5	<2	3	165	2.3	59	<2	87	.17	.234	12	4	.22	66	.09	9	1.19	.02	1.38	<1	23
LINE 2 5+75W	59	473	44	213	3.5	4	30	2746	15.41	136	7	<2	4	94	<.2	34	<2	83	.03	.263	14	3	.19	84	.08	5	1.17	.01	1.02	<1	24
LINE 2 5+50W	63	527	193	532	5.3	9	40	4570	15.95	121	6	<2	5	46	3.4	38	<2	92	.17	.208	17	3	.26	283	.10	15	1.59	.01	.95	<1	12
STANDARD C/AU-S	21	62	39	138	7.5	76	32	1080	4.09	43	19	7	41	52	18.8	15	23	59	.51	.094	41	61	.92	190	.09	34	1.94	.07	.17	12	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
LINE 2 5+25W	11	1168	441	802	19.8	20	77	5571	11.39	496	32	<2	4	37	12.1	107	<2	68	.11	.139	15	6	.16	255	.08	2	1.06	.01	.90	<1	42
LINE 2 5+00W	8	988	428	702	19.5	18	73	4960	10.85	388	31	<2	4	31	9.2	102	4	80	.14	.135	15	5	.19	250	.09	2	1.16	.01	1.03	<1	44
LINE 2 4+75W	7	107	246	848	2.8	9	26	5183	6.14	61	<5	<2	8	26	11.7	25	<2	19	.15	.113	32	4	.07	140	.03	2	.72	<.01	.28	<1	8
LINE 2 4+50W	8	480	1801	3744	35.9	33	57	9614	11.99	361	17	<2	10	146	43.2	87	<2	29	.19	.229	31	8	.15	103	.02	5	1.24	.01	.83	<1	87
LINE 2 4+25W	16	890	1978	6175	62.3	35	68	18692	14.58	633	16	<2	8	166	73.7	246	<2	19	.20	.085	27	4	.09	135	.01	3	.78	.01	.57	<1	141
LINE 2 4+00W	15	1349	2526	3225	30.2	33	71	14050	12.54	824	14	<2	8	78	38.5	307	<2	22	.13	.099	31	34	.13	1118	.01	8	1.04	.01	.21	<1	34
LINE 2 3+75W	10	250	422	728	10.4	18	30	6213	10.32	192	<5	<2	9	85	7.0	65	3	18	.14	.088	28	5	.08	208	.01	<2	.50	.01	.61	<1	21
LINE 2 3+50W	9	440	610	920	11.3	15	28	4869	7.74	579	<5	<2	11	40	11.0	66	<2	16	.13	.066	40	9	.10	264	.01	7	.54	<.01	.21	<1	308
LINE 2 3+25W	6	472	355	794	7.7	19	38	7390	10.50	342	<5	<2	10	42	9.0	48	<2	22	.21	.059	34	16	.18	535	.02	6	.81	.01	.22	<1	74
LINE 2 3+00W	9	251	1273	1919	21.4	20	50	7003	8.17	251	<5	<2	9	66	23.3	56	<2	14	.16	.093	31	15	.12	321	.01	2	.78	.01	.17	<1	52
LINE 2 2+75W	13	615	320	848	12.6	14	32	5857	10.12	141	<5	<2	7	25	9.5	55	<2	29	.17	.047	31	3	.21	169	.02	<2	1.04	.01	.54	<1	24
LINE 2 2+50W	22	883	195	523	12.9	37	74	9106	15.57	210	<5	<2	7	45	3.6	92	2	41	.20	.068	39	14	.22	402	.02	5	1.11	.01	.24	<1	18
LINE 2 2+25W	12	651	79	278	3.9	32	62	8120	11.19	106	<5	<2	7	68	1.8	32	<2	40	.23	.095	30	14	.30	359	.02	5	1.70	.01	.37	<1	20
LINE 2 2+00W	19	564	67	344	4.5	45	89	11688	13.09	141	13	<2	8	67	1.6	38	2	38	.13	.181	40	25	.36	479	.02	7	2.44	.01	.37	<1	28
LINE 2 1+75W	13	764	72	371	4.3	51	89	6546	9.80	124	<5	<2	7	64	1.2	30	<2	36	.21	.129	31	21	.38	377	.03	<2	1.76	.01	.33	<1	37
LINE 2 1+50W	17	494	47	320	1.6	31	58	14328	11.12	48	5	<2	9	79	.8	51	<2	20	.23	.052	28	18	.23	618	.02	7	1.04	.01	.23	<1	13
LINE 2 1+25W	9	137	40	171	1.0	17	44	6542	4.38	40	<5	<2	9	56	1.2	20	<2	11	.27	.051	32	10	.11	384	.01	4	.67	<.01	.19	<1	6
LINE 2 1+00W	4	29	79	224	1.4	17	23	5083	2.61	35	<5	<2	8	30	2.5	13	<2	7	.48	.095	29	3	.25	75	<.01	<2	.93	<.01	.12	<1	10
LINE 2 0+75W	11	252	75	195	2.7	21	49	7196	8.44	242	<5	<2	9	60	1.3	25	<2	10	.24	.063	27	8	.18	264	.01	6	.90	<.01	.16	<1	90
LINE 2 0+50W	7	398	96	224	3.3	17	41	5594	6.06	232	<5	<2	8	43	1.5	24	2	13	.19	.088	32	12	.10	280	.01	4	.75	<.01	.15	<1	150
LINE 2 0+25W	5	332	47	262	1.6	15	39	5576	9.72	69	<5	<2	5	51	1.0	17	<2	55	.41	.137	24	10	.29	283	.05	5	1.24	.01	.76	<1	118
LINE 2 0+00W	3	318	44	252	1.8	16	38	5466	9.83	68	<5	<2	5	48	1.1	17	<2	57	.43	.149	26	10	.30	275	.06	4	1.27	.01	.76	<1	242
LINE 3 3+00N	15	927	263	222	150.6	3	15	954	17.92	103	<5	<2	2	232	.5	364	4	13	.02	.271	14	<1	.08	37	<.01	5	.99	.01	1.45	<1	6
RE LINE 3 3+00N	17	935	260	228	149.3	4	15	967	18.04	98	<5	<2	3	233	.5	379	3	14	.02	.272	14	<1	.08	39	<.01	5	1.01	.01	1.45	1	3
LINE 3 2+75N	26	1109	105	270	16.0	28	62	6101	19.97	113	5	<2	5	86	2.1	70	<2	34	.26	.179	24	6	.14	119	.01	4	1.30	.01	.59	<1	16
LINE 3 2+50N	14	688	469	1525	33.2	30	54	5871	16.75	165	<5	<2	5	46	16.0	96	2	33	.17	.163	32	5	.16	241	.01	7	1.26	.01	.25	<1	27
LINE 3 2+25N	5	231	52	140	2.6	11	24	2413	14.32	70	<5	<2	4	211	.5	77	<2	29	.25	.127	21	1	.15	98	.01	9	1.29	.01	.90	<1	7
LINE 3 2+00N	4	164	48	153	2.0	12	23	2223	13.78	98	<5	<2	4	182	.5	59	2	28	.21	.152	19	1	.16	82	.01	10	1.24	.01	.96	<1	6
LINE 3 1+75N	16	681	400	1066	15.9	31	47	4638	15.99	159	<5	<2	6	26	9.5	91	<2	56	.11	.152	31	9	.24	199	.05	8	1.59	.01	.33	<1	23
LINE 3 1+50N	57	613	133	814	6.5	33	62	5057	17.63	147	<5	<2	5	26	6.3	53	<2	93	.11	.154	28	18	.35	273	.08	8	2.34	.01	.76	<1	18
LINE 3 1+25N	26	698	198	560	5.9	33	69	5430	18.87	112	5	<2	5	30	3.1	55	<2	105	.09	.177	24	20	.36	292	.08	7	2.63	.01	.79	<1	25
LINE 3 1+00N	95	351	345	314	9.8	17	14	573	20.16	275	<5	<2	5	43	<.2	54	<2	91	.04	.388	21	20	.31	245	.07	6	1.84	.01	.38	<1	26
LINE 3 0+75N	57	468	77	267	4.6	20	26	1617	18.66	157	<5	<2	4	66	<.2	36	<2	123	.05	.240	29	8	.49	200	.10	6	2.85	.01	1.04	<1	28
LINE 3 0+50N	65	131	70	82	4.1	5	6	452	16.59	625	<5	<2	3	133	<.2	58	2	91	.01	.313	12	5	.14	32	.06	9	.86	.02	2.28	<1	23
LINE 3 0+25N	54	165	94	111	5.1	7	7	545	12.23	295	<5	<2	4	161	<.2	110	<2	79	.02	.256	19	8	.12	49	.06	11	.76	.01	1.61	<1	34
STANDARD C/AU-S	19	58	38	122	7.1	71	31	1049	3.96	39	17	8	36	52	18.1	15	16	61	.52	.091	40	61	.91	184	.08	37	1.88	.07	.16	12	51

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

**LITTLE CORNICE ZONE**

94ACR001- 1.0 m. chip. Carbonate altered rhyolite, 2% py.  
**5, 0.5, 12, 6, 7**

94ACR002- 1.0 m. chip. Carbonate-sericite altered rhyodacitic lapilli tuff, 3% cpy., Mn  
oxides and siderite on fractures,  
**75, 41.4, 11191, 55, 294**

94ACR003- 1.0 m. chip. Same as above, trace cpy., minor mal.on fractures  
**8, 0.5, 179, 17, 63**

94ACR004- 1.0 m. chip. Same as above  
**1, 1.3, 704, 13, 43**

94ACR005- 1.0 m. chip. Same as above, 2% cpy.  
**25, 12.8, 7923, 29, 227**

94ACR006- 1.0 m. chip. Same as above.  
**20, 7.5, 2492, 27, 130**

94ACR007- 1.0 m. chip. Same as above, trace cpy., mal. along fractures  
**22, 5.0, 609, 10, 42**

94ACR008- 1.0 m. chip. Quartz-sericite-chlorite altered rhyolitic lapilli tuff, 1% cpy.  
**108, 42.5, 8055, 28, 271**

94ACR009- 1.0 m. chip. Same as above  
**61, 32.9, 6307, 80, 371**

**CORNICE MOUNTAIN ZONE**

94ACR010- GRAB Carbonate-siderite altered rhyolitic lappilli tuff  
1% cpy., mal. as fracture coatings  
**6, 9.9, 6701, 16, 75**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94ACR011- GRAB. Quartz-sericite-pyrite, (20% py.)  
**11, 2.4, 88, 27, 6**

94ACR012- GRAB. Same as above  
**4, 1.9, 154, 24, 83**

**COPPER ZONE**

94ACR013- GRAB. Quartz-sericite-pyrite, (5% py.)  
**33, 3.2, 156, 351, 229**

94ACR014- GRAB. Quartz-carbonate altered felsic lapilli tuff  
**13, 0.7, 53, 54, 359**

94ACR015- 1.0 m. chip. Same as above  
**2, 0.5, 6, 22, 76**

**RIDGE BETWEEN COPPER AND LITTLE CORNICE ZONES**

94ACR016- GRAB. Quartz-carbonate-pyrite altered, brecciated tuff  
**1, 0.5, 16, 13, 8**

94ACR017- FLOAT. Quartz-carbonate altered andesitic, minor po.  
**1, 0.1, 36, 7, 21**

94ACR018- GRAB. Quartz-sericite-pyrite altered felsic tuff.  
**2, 0.1, 15, 30, 31**

**LITTLE CORNICE ZONE**

94ACR019- FLOAT. Rhyolitic lapilli tuff, sheeted quartz veins with fine grained  
diss. cpy.  
**9, 9.1, 1734, 20, 38**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94ACR020- FLOAT Same as above  
**2, 2.2, 1273, 20, 91**

94ACR021- 1.0 m.chip. Quartz-sericite-pyrite (15% py.) altered well foliated andesite  
**8, 1.2, 42, 14, 69**

94ACR022- 1.0 m. chip. Sericite-quartz-pyrite altered andesite  
**7, 2.1, 35, 32, 50**

**GULLEY BETWEEN COPPER AND BENCH ZONES**

94ACR023- GRAB. Sericite-quartz-carbonate altered tuff, 5% po.  
**10, 0.6, 129, 11, 62**

94ACR024- 0.6 m. chip. Same as above  
**5, 0.1, 17, 15, 26**

94ACR025- 1.5 m. chip. Ankerite-sericite altered limestone/tuff contact  
**25, 0.7, 325, 14, 45**

**BENCH ZONE**

94ACR026- 0.3 m. chip. Carbonate breccia with sericite-siderite alteration, calcite seam 130/68 NE  
**27, 0.7, 33, 30, 26**

94ACR027- 1.5 m. chip. Same as above  
**41, 0.9, 45, 18, 109**

94ACR028- 1.5 m. chip. Calcite-sericite-siderite-pyrite altered breccia  
**106, 4.4, 602, 312, 9075**

94ACR029- 1.5 m. chip. Same as above, 3-5% sph.  
**214, 15.1, 3147, 318, 25062**



**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94ACR030- 1.5 m. chip. Same as ACR029.  
**200, 10.1, 1288, 268, 18836**

94ACR031- 1.5 m. chip. Same as above  
**115, 0.4, 66, 30, 243**

94ACR032- 1.5 m. chip. Calcite-sericite-siderite-pyrite altered breccia  
**11, 0.8, 43, 14, 182**

**BENCH ZONE**

94ACR033- 2.0 m. chip. Carbonate-sericite-siderite-pyrite altered breccia.  
**24, 0.1, 69, 7, 104**

94ACR034- 1.3 m. chip. Carbonate breccia, 20% py., heavy sericite and siderite alteration.  
**200, 1.9, 102, 33, 83**

94ACR035- 1.3 m. chip. Same as above.  
**202, 1.2, 702, 17, 90**

94ACR036- 1.0 m. chip. Carbonate breccia, 5% py., siderite-sericite alteration.  
**42, 0.3, 20, 8, 27**

94ACR037- 1.0 m. chip. Same as above.  
**299, 0.1, 90, 6, 46**

94ACR039- 2.0 m. chip. Carbonate breccia, 12% py., siderite-sericite alteration.  
**16, 0.4, 180, 18, 39**

94ACR040- 2.0 m. chip. Carbonate breccia, 5% py., siderite-sericite alteration.  
**1, 0.1, 30, 12, 32**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94ACR041- 2.0 m. chip. Same as ACR040.  
**5, 0.1, 17, 9, 49**

94ACR042- 2.0 m. chip. Same as above.  
**1, 0.6, 379, 11, 71**

94ACR043- 2.0 m. chip. Same as above.  
**1, 0.1, 71, 8, 64**

94ACR044- 2.0 m. chip. Same as above.  
**1, 0.1, 30, 12, 32**

94ACR045- 2.0 m. chip. Same as above.  
**8, 0.1, 16, 8, 19**

94ACR046- 1.5 m. chip. Same as above.  
**8, 0.5, 67, 48, 78**

94ACR047- 1.3 m. chip. Same as above.  
**1, 0.1, 5, 4, 28**

94ACR048- 2.0 m. chip. Same as above.  
**3, 0.1, 5, 2, 26**

94ACR049- 2.0 m. chip. Same as above.  
**8, 0.1, 4, 11, 36**

94ACR050- 2.0 m. chip. Same as above.  
**13, 0.1, 26, 12, 26**

**ROCK SAMPLE DESCRIPTIONS: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

**BENCH ZONE**

94ACR051- 1.0 m. chip. Carbonate breccia, 5-8% py., siderite-sericite alteration pervasive throughout.

**8, 0.1, 6, 9, 10**

94ACR052- 1.5 m. chip. Same as above.

**38, 0.1, 74, 24, 120**

94ACR053- 1.5 m. chip. Same as above.

**3, 0.4, 69, 82, 197**

**SOUTHWEST ZONE**

94ACR054- 0.5m. chip. Sericite-Mn oxide alteration in tuff, distinct orange weathering, trace-1% sph. and gal.

**22, 28.2, 75, 752, 5138**

94ACR055- 0.6 m. chip. Zone of 0.1-3.0 cm. wide calcite-py. veins.

**7, 0.7, 45, 14, 46**

94ACR056- 0.4 m. chip. Same as above, minor chlorite.

**5, 1.9, 390, 9, 66**

94ACR057- 0.3 m. chip. Zone of 0.1-0.8 cm. wide calcite-py.-cpy. veinlets

**7, 22.7, 5260, 24, 87**

94ACR058- 0.6 m. chip. Siderite-Mn oxide altered chloritic tuff, trace sph.

**1, 0.1, 6, 9, 484**

**FAULT GULLEY, SOUTHWEST OF COPPER ZONE**

94ACR059- 0.2 m. chip. Zone of 0.1-2.0 cm. wide qtz.-py.-cpy. veinlets.

**2, 0.2, 768, 12, 48**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94ACR060- 0.5 m. chip. Siderite-sericite-Mn oxide altered tuff.

**1, 0.1, 31, 6, 14**

94ACR061- 0.3 m. chip. Silicified rhyolite, 5% py., trace cpy.

**12, 1.3, 263, 8, 32**

94ACR062- 1.0 m. chip. Bleached, silicified andesite in fault gulley, 3-5% sph., py. and gal. assoc. with qtz.-carb. veinlets

**23, 27.6, 68, 2164, 9126**

94ACR063- 1.0 m. chip. Bleached, silicified andesite in fault gulley, 3% diss. py., trace sph., gal.

**1, 1.2, 13, 206, 419**

94ACR064- 1.0 m. chip. Same as above.

**3, 0.3, 21, 16, 74**

94ACR065- 1.0 m. chip. Same as above, trace cpy.

**1, 0.8, 218, 15, 65**

94ACR066- 1.5 m. chip. Same as above.

**2, 0.3, 30, 7, 44**

**FAULT GULLEY SOUTHWEST OF COPPER ZONE**

94ACR067- 2.0 m. chip. Bleached, silicified andesite in fault gulley, 3% diss. py., 5% qtz. as veinlets

**1, 0.2, 6, 22, 107**

94ACR068- 1.5 m. chip. Same as above.

**2, 0.1, 4, 10, 88**

94ACR069- 1.0 m. chip. Same as above.

**1, 0.1, 5, 3, 67**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94ACR070- 0.2 m. chip. Zone of sheeted qtz. veinlets, 3% py., trace-2% sph., gal.  
**23, 14.2, 375, 2246, 2735**

94ACR071- 2.2 m. chip. Zone of 0.1-1.0 cm. wide limonitic qtz.-cal. veinlets.  
**1, 0.2, 19, 21, 64**

94ACR072- 2.0 m. chip. Same as above.  
**1, 0.1, 11, 6, 75**

94ACR073- 1.3 m. chip. Same as above.  
**1, 0.1, 3, 6, 43**

94ACR074- 1.7 m. chip. Same as above.  
**1, 0.3, 10, 16, 23**

94ACR075- 1.0 m. chip. Quartz-carb. altered silicified, bleached andesite.  
**1, 0.2, 13, 5, 120**

94ACR076- 1.5 m. chip. Same as above.  
**1, 0.6, 7, 32, 112**

94ACR077- 3.0 m. chip. Same as above, trace sph.  
**1, 0.7, 66, 7, 3280**

94ACR078- 1.0 m. chip. Brecciated intermediate tuff, 3% py.  
**3, 0.2, 11, 8, 69**

94ACR079- 0.7 m. chip. Andesite breccia, 0.2 m. wide lens of massive py., 10% cal.,  
5% chlorite.  
**88, 2.0, 24, 16, 55**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

**RIDGE BETWEEN BENCH AND COPPER ZONES**

94ACR080- 1.0 m. chip. Same as above, trace-1% cpy.

**148, 7.8, 18025, 5, 88**

94ACR081- GRAB Calcite vein, 15% py. as 2-6 mm. grains in chloritic, fractured andesite.

**26, 3.1, 361, 137, 464**

94ACR082- 0.8 m. chip. Zone of 1-5 cm. wide calcite veining, 2-10 mm. py. grains in sheared andesite adjacent to strong limonite-jarosite.

**103, 3.2, 724, 18, 222**

**RIDGE BETWEEN COPPER AND BENCH ZONES**

94MCR001- 2.0 m. chip. Silicified carbonate breccia, 3-5% py. Strong limonite-jarosite, trace-1% cpy.

**225, 6.1, 713, 638, 30**

94MCR002- 1.0 m. chip. Quartz-sericite-pyrite altered tuff, schistose, melanterite exposed on weathered surface.

**11, 0.1, 45, 21, 634**

94MCR003- 1.2 m. chip. Same as above.

**30, 0.2, 13, 23, 47**

**LITTLE CORNICE ZONE**

94MCS004- Soil at pyritic andesite-rhyolite contact

**48, 0.3, 111, 35, 302**

94MCR005- GRAB. Biotite-chlorite schist subcrop on NW fault trend, 5% calcite veinlets, minor siderite-limonite

**10, 0.1, 33, 7, 43**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94MCR006- GRAB Same as MCR005.

**7, 0.3, 48, 5, 67**

**RIDGE SOUTHEAST OF LITTLE CORNICE ZONE**

94MCR007- 2.2 m. chip. Quartz-sericite-py. schist (foliated tuff).

**9, 0.3, 47, 15, 57**

**LITTLE CORNICE ZONE**

94MCR008- GRAB. Silicified feldspar-hornblende porphyry, 2% py.

**5, 0.6, 9, 13, 72**

**SOUTHERN GOSSAN ZONE**

94MCR009- 0.9 m. chip. Silicified breccia, 2 mm. qtz. veinlets, abundant limonite, jarosite, and goethite.

**55, 1.7, 48, 18, 7**

94MCR010- 1.0 m. chip. Same as above.

**10, 0.3, 67, 7, 45**

94MCR011- 2.3 m. chip. Quartz-sericite-pyrite altered feldspar porphyry .

**5, 1.2, 27, 10, 14**

94MCR012- 1.5 m. chip. Same as above.

**12, 0.6, 12, 6, 10**

94MCR013- 2.3 m. chip. Same as above.

**3, 0.8, 15, 14, 9**

94MCR014- 1.7 m. chip. Same as above.

**1, 0.5, 15, 10, 11**

**ROCK SAMPLE DESCRIPTIONS: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94MCR015- 3.4m. chip. Silicified lapilli tuff, minor pyrite and Zn oxide on fractures, abundant limonite and goethite.

**1, 0.5, 62, 9, 50**

**SOUTHERN GOSSAN ZONE**

94MCR016- 2.4 m. chip. Silicified lapilli tuff, minor py. and Zn oxide on fractures, abundant limonite and goethite.

**1, 0.9, 31, 14, 30**

94MCR017- 2.0 m. chip. Foliated flow breccia? calcite matrix, 1-2% py. abundant Mn oxide.

**3, 0.9, 129, 18, 64**

**RIDGE EAST OF LITTLE CORNICE ZONE**

94MCR018- 1.6 m. chip. Foliated lapilli tuff, limonitic.

**3, 0.8, 52, 10, 32**

94MCR019- GRAB. Chlorite-sericite schist, 5% qtz.-chlorite veinlets, trace cpy.

**103, 0.2, 179, 3, 36**

94MCR020- 1.0 m. chip. Quartz-sericite schist, minor limonite-hematite.

**28, 0.1, 6, 10, 10**

94MCR021- GRAB. Brecciated feldspar porphyry, 25% qtz.-cal. matrix.

**1, 0.1, 8, 5, 30**

94MCR022- 1.2 m. chip. Zone of qtz.-cal.-py.-cpy. malachite staining, and strong limonitic weathered surface.

**120, 9.9, 5351, 6, 18**



**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94MCR023- 0.3 m. chip. Quartz vein along contact with rhyolite dyke, 2% py., minor limonite and hematite.

**13, 0.2, 43, 26, 39**

94MCR024- 1.0 m. Zone of qtz.-cal. veinlets in schist (foliated lapilli tuff), trace-1% malachite as fracture coatings

**7, 0.6, 645, 6, 21**

**LITTLE CORNICE ZONE**

94MCR025- 0.6 X 0.9 m. panel Contact between rhyolite and dacitic lapilli tuff, 3-5% cpy., abundant malachite staining as fracture coatings.

**14, 15.4, 9373, 58, 970**

94MCR026- 1.2 m. chip. Altered country rock of above vein zone.

**75, 4.7, 817, 20, 118**

94MCR027- 1.5 m. chip. Siliceous ash tuff with qtz.-carb.-py.-cpy. veinlets to 3.0 cm. width, minor chalcocite, Mn oxide, malachite, azurite staining pervasive.

**67, 114.1, 15751, 442, 787**

94MCR028- 2.0 m. chip. Silicified, foliated ash tuff, Qtz.stringers, trace cpy.

**2, 1.1, 183, 7, 118**

94MCR029- 2.0 m. chip. Zone of qtz. veining in siliceous ash tuff, minor limonite, Mn oxide, trace-1% py.-cpy.

**6, 3.2, 1163, 18, 103**

**RIDGE SOUTHWEST OF BRECCIA ZONE**

94MCR030- 1.4 m. chip. Quartz-sericite-pyrite (10% py.), abundant limonite, jarosite.

**30, 0.9, 95, 12, 27**

94MCR031- 1.3 m. chip. Same as above, minor carbonate.

**4, 0.1, 32, 5, 51**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94MCR032- 1.0 m. chip. Qtz.-cal. veinlets to 2 cm. in schist (foliated lapilli tuff).  
**4, 0.2, 44, 7, 19**

94MCR033- 1.0 m. chip. Same as above.  
**11, 0.3, 29, 11, 19**

94MCR034- 1.4 m. chip. Qtz.-sericite-py., abundant limonite, jarosite.  
**8, 0.2, 50, 5, 54**

94MCR035- 1.0 m. chip. Same as above.  
**13, 0.2, 73, 16, 131**

94MCR036- 2.0 m. chip. Qtz.-sericite-chlorite schist (foliated lapilli tuff), 3% diss.py.,  
Mn oxide stain as fracture coatings.  
**32, 0.3, 75, 8, 51**

94MCR037- 2.0 m. chip. Same as above.  
**11, 0.3, 59, 7, 51**

94MCR038- 2.0 m. chip. Same as above.  
**12, 0.1, 30, 8, 33**

94MCR039- 0.2 m. chip. Qtz.-cal. vein, minor chlorite.  
**5, 0.1, 8, 7, 20**

94MCR040- 0.7 m. chip. Zone of qtz.veinlets to 10 cm. wide, 10% py. trace-1% cpy.  
**152, 1.5, 681, 13, 71**

94MCR041- 6.0 m. chip. Qtz.-sericite-py. altered rhyolite dyke, 20% qtz, as veinlets  
up to 10 cm. wide, abundant limonite, jarosite, goethite.  
**43, 0.3, 103, 9, 64**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94MCR042- 4.0 m. chip. Zone of qtz.-py veins to 20 cm. width with 40% py. in intermediate lapilli tuff.

**19, 0.4, 71, 15, 41**

94MCR043- 2.0 m. chip. Same as above, increased carbonate and Mn oxide.

**7, 0.3, 103, 9, 64**

94MCR044- 2.0 m. chip. Same as above.

**7, 0.3, 75, 7, 56**

**SOUTHEAST OF COPPER ZONE**

94MCR045- 2.0 m. chip. Sheared rhyolite, 3-5% carbonate stringers, 0.6m. wide qtz.-py. zone.

**8, 0.1, 5, 6, 25**

94MCR046- 3.2 m. chip. Qtz.-rhyolite-py. breccia, Qtz. veinlets up to 2 cm., abundant limonite, jarosite, goethite, melanterite.

**12, 0.4, 5, 25, 22**

94MCR047- 1.1 m. chip. Same as above.

**8, 0.1, 7, 16, 22**

94MCR048- 1.0 m. chip. Qtz.-sericite-schist, 5% qtz. stringers, abundant limonite, goethite, jarosite on weathered surface.

**3, 0.2, 4, 8, 51**

94MCR049- 1.2 m. chip. Same as above.

**10, 0.1, 8, 14, 44**

94MCR050- 1.0 m. chip. Same as above.

**10, 0.3, 5, 16, 35**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94MCR051- 0.3 m. chip. Siliceous rhyolite, 1% py.  
**8, 0.3, 13, 11, 18**

**LITTLE CORNICE ZONE**

94MCR052- 1.8 m. chip. Silicified rhyolite, 5% qtz. stringers.  
**3, 4.4, 180, 33, 133**

94MCR053- 2.0 m. chip. Same as above, increased fracturing.  
**241, 0.9, 79, 11, 30**

94MCR054- 2.0 m. chip. Contact zone of rhyolite/int.lapilli tuff, 1% cpy. in qtz.stringers, mal. stain as fracture coatings.  
**300, 237.2, 2356, 50, 2454**

94MCR055- 2.0 m. chip. Same as above.  
**17, 4.8, 448, 16, 295**

94MCR056- 1.2 m. chip. Same as above.  
**68, 0.7, 85, 8, 30**

94MCR057- 2.4 m. chip. Hangingwall of rhyolite dyke, 3% quartz as veinlets.  
**12, 1.7, 87, 11, 100**

94MCR058- 2.0 m. chip. Fault breccia, bleached, limonitic matrix.  
**10, 0.5, 29, 11, 34**

94MCR059- GRAB. Quartz vein, 10-15% py.  
**10, 3.1, 106, 58, 55**

94MCR060- 2.1 m. chip. Low angle shear zone in rhyolite with qtz.-py. veinlets.  
**10, 3.1, 106, 58, 55**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

**WEST RIDGE GOSSAN ZONE**

94MCR061- 2.0 m. chip. Silicified feldspar porphyry, qtz. stringers, 5% diss. py., abundant jarosite, limonite.

**8, 0.8, 13, 20, 11**

94MCR062- 2.0 m. chip. Silicified feldspar porphyry, qtz. stringers, 5% diss. py., abundant jarosite, limonite.

**2, 0.7, 14, 17, 8**

94MCR063- 2.0 m. chip. Same as above.

**2, 0.8, 11, 22, 10**

94MCR064- 1.5 m. chip. Same as above.

**9, 1.2, 13, 25, 12**

94MCR065- 1.5 m. chip. Same as above.

**1, 1.3, 18, 24, 18**

94MCR066- 1.4 m. chip. Fault zone, in silicified feldspar porphyry, qtz.-py. pods to 20 cm. width.

**2, 3.6, 24, 53, 16**

94MCR067- 1.7 m. chip. Same as above.

**2, 3.2, 26, 56, 40**

94MCR068- 2.0 m. chip. Same as above.

**6, 1.2, 34, 56, 190**

94MCR069- 2.0 m. chip. Same as above.

**8, 3.3, 21, 50, 22**

94MCR070- 2.0 m. chip. Same as above.

**10, 1.1, 11, 30, 14**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94MCR071- 2.0 m. chip. Same as above, increased fracturing.  
**11, 1.7, 19, 42, 31**

94MCR072- 2.0 m. chip. Same as above.  
**10, 2.9, 11, 282, 22**

94MCR073- 2.0 m. chip. Same as above.  
**19, 14.6, 19, 951, 38**

94MCR074- 2.0 m. chip. Same as above.  
**23, 3.6, 14, 97, 19**

94MCR075- 2.0 m. chip. Same as above.  
**19, 1.7, 13, 46, 9**

94MCR076- 1.8 m. chip. Same as above, decreased py.  
**8, 1.4, 13, 27, 34**

94MCR077- 1.8 m. chip. Same as above.  
**4, 0.3, 18, 7, 37**

**WEST RIDGE GOSSAN ZONE**

94MCR078- 2.0 m. chip. Fault zone in silicified feldspar porphyry, qtz.py. pods and lenses up to 20 cm. width.  
**1, 1.1, 15, 24, 70**

94MCR079- 0.5 m. chip. Siliceous siltstone, wallrock of fault zone, 1% cpy., malachite as fracture coatings.  
**31, 37.2, 4341, 41, 345**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, PB ppm, Zn ppm**

**SOUTHEAST OF LITTLE CORNICE ZONE**

94DCR001- 1.5 m chip. Silicified lapilli tuff, trace-1% py. limonite staining as fracture coatings.

**7, 0.6, 72, 7, 48**

94DCR002- 1.0 m. chip. Calcite stringers in rhyolite, 1% py.

**9, 0.4, 64, 4, 77**

94DCR003- 1.0 m. chip. Same as above.

**2, 0.3, 39, 4, 83**

94DCR004- 1.0 m. chip. Same as above.

**7, 0.5, 62, 4, 100**

94DCR005- 0.5 m. chip. Shear zone in lapilli tuff, calcite stringers, 1% py., abundant limonite staining.

**9, 0.8, 58, 11, 39**

94DCR006- 1.0 m. chip. Lapilli tuff breccia, limonite staining, 1% py.

**1, 1.1, 58, 12, 43**

94DCR007- 0.5 m. chip. Same as above.

**12, 3.3, 68, 46, 39**

94DCR008- GRAB. Calcite stringers, 1% py.

**12, 0.3, 70, 10, 70**

**SOUTHWEST OF CORNICE SUMMIT ZONE**

94DCR009- 1.0 m. chip. 1-3% py. in ash tuff, limonite staining.

**1, 0.4, 28, 3, 24**

**ROCK SAMPLE DESCRIPTIONS: CORNICE MTN. PROJECT, 1994**

Au ppb, Ag ppm, Cu ppm Pb ppm, Zn ppm

**SOUTHWEST OF CORNICE SUMMIT ZONE**

94DCR010- 1.0 m. chip. Same as above.

**13, 0.9, 19, 15, 28**

94DCR011- 1.0 m. Same as above.

**1, 0.5, 60, 11, 54**

94DCR012- 1.4 m. chip. Same as above.

**1, 0.4, 34, 9, 25**

94DCR013- 1.2 m. chip. Same as above.

**11, 0.6, 15, 23, 25**

94DCR014- 1.0 m. chip. Same as above.

**30, 2.9, 11, 79, 44**

**WEST OF CORNICE SUMMIT ZONE**

94DCR015- 1.0 m. chip. 1-3% py. in ash tuff, limonite staining.

**11, 2.8, 35, 127, 556**

94DCR016- 1.3 m. chip. Same as above.

**6, 5.7, 28, 695, 719**

94DCR017- 1.5 m. chip. Same as above.

**8, 1.4, 14, 27, 30**

94DCR018- 1.0 m. chip. Same as above.

**41, 2.6, 40, 27, 36**



**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

**BENCH ZONE**

94TCR001- 2.0 m. chip. Carbonatized, silicified, pyritic intermediate tuffs, continuous contour sample line adjacent to Bench Zone.

**25, 0.3, 88, 210, 104**

94TCR002- 2.0 m. chip. Same as above.

**7, 0.1, 27, 15, 84**

94TCR003- 2.0 m. chip. Same as above, increased limonite, Mn oxide.

**7, 0.1, 21, 15, 115**

94TCR004- 2.0 m. chip. Same as above.

**1, 0.1, 6, 5, 31**

94TCR005- 2.0 m. chip. Same as above.

**7, 0.1, 10, 4, 41**

94TCR006- 2.0 m. chip. Same as above.

**2, 0.1, 7, 39, 148**

94TCR007- 2.0 m. chip. Same as above.

**7, 0.1, 11, 10, 86**

94TCR008- 2.0 m. chip. Same as above.

**10, 0.1, 9, 7, 83**

94TCR009- 2.0 m. chip. Same as above.

**2, 0.1, 14, 3, 65**

94TCR010- 2.0 m. chip. Same as above.

**26, 0.6, 48, 46, 108**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94TCR021- 2.0 m. chip. Same as TCR019.  
**8, 0.1, 5, 5, 34**

94TCR022- 2.0 m. chip. Same as above.  
**1, 0.7, 7, 51, 162**

94TCR023- 2.0 m. chip. Same as above.  
**7, 0.2, 16, 7, 37**

94TCR024- 2.0 m. chip. Same as above.  
**2, 0.1, 7, 10, 29**

94TCR025- 2.0 m. chip. Same as above.  
**2, 0.3, 7, 9, 121**

94TCR026- 2.0 m. chip. Same as above.  
**1, 0.1, 7, 5, 35**

94TCR027- 2.0 m. chip. Same as above.  
**10, 0.1, 51, 6, 27**

94TCR028- 2.0 m. chip. Same as above, mal. stain as fracture coatings.  
**6, 1.8, 2155, 7, 20**

94TCR029- 2.0 m. chip. Same as above.  
**3, 3.0, 314, 13, 20**

**SOUTHWEST ZONE**

94TCR030- 2.0 m. chip. Carbonatized, pyritic, silicified int./felsic tuffs, continuous contour sample line adjacent to helipad at the SW extension of the Copper Zone.  
**4, 0.1, 14, 5, 15**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94TCR031- 2.0 m. chip. Same as above.

**6, 0.1, 30, 7, 15**

94TCR032- 2.0 m. chip. Same as above.

**9, 0.1, 38, 12, 11**

94TCR033- 2.0 m. chip. Same as above, malachite as fracture coatings zone of tension gash qtz. veinlets.

**16, 3.9, 12845, 2, 37**

94TCR034- 2.0 m. chip. Carbonatized, pyritic, silicified int./felsic tuffs, 1-2 mm. calcite veinlets.

**1, 0.1, 83, 7, 11**

94TCR035- 2.0 m. chip. Same as above.

**7, 0.1, 128, 7, 22**

94TCR036- 2.0 m. chip. Same as above.

**1, 0.1, 128, 7, 22**

94TCR037- 2.0 m. chip. Same as above.

**3, 0.1, 18, 7, 19**

94TCR038- 2.0 m. chip. Same as above.

**10, 0.3, 10, 5, 25**

94TCR039- 2.0 m. chip. Same as above.

**8, 0.1, 16, 12, 9**

94TCR040- 2.0 m. chip. Same as above, malachite staining as fracture coatings.

**12, 11.0, 6607, 25, 58**

94TCR041- 2.0 m. chip. Same as above.

**6, 0.4, 238, 100, 26**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94TCR042- 2.0 m. chip. Same as above.  
**16, 0.1, 10, 4, 5**

94TCR043- 2.0 m. chip. Same as above.  
**4, 0.1, 41, 6, 18**

94TCR044- 2.0 m. chip. Same as above.  
**2, 0.2, 11, 8, 25**

94TCR045- 2.0 m. chip. Same as above.  
**10, 0.1, 17, 5, 34**

**LITTLE CORNICE ZONE**

94JCR001- 1.5 m. chip. Carbonatized, pyritic, silicified andesitic tuff.  
**2, 0.2, 43, 9, 32**

94JCR002- 1.5 m. chip. Same as above, increased qtz.  
**no assay**

94JCR003- 1.5 m. chip. Same as above, decreased qtz.  
**4, 0.3, 43, 8, 35**

94JCR004- 1.5 m. chip. Same as above.  
**2, 0.1, 34, 4, 39**

94JCR005- 1.5 m. chip. Same as above.  
**1, 0.2, 85, 5, 28**

94JCR006- 1.5 m. chip. Same as above, increased qtz.  
**5, 0.3, 218, 7, 24**

94JCR007- 1.5 m. chip. Same as above, trace-1% mal. as fracture coating  
**4, 0.3, 392, 5, 38**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94TCR042- 2.0 m. chip. Same as above.  
**16, 0.1, 10, 4, 5**

94TCR043- 2.0 m. chip. Same as above.  
**4, 0.1, 41, 6, 18**

94TCR044- 2.0 m. chip. Same as above.  
**2, 0.2, 11, 8, 25**

94TCR045- 2.0 m. chip. Same as above.  
**10, 0.1, 17, 5, 34**

**LITTLE CORNICE ZONE**

94JCR001- 1.5 m. chip. Carbonatized, pyritic, silicified andesitic tuff.  
**2, 0.2, 43, 9, 32**

94JCR002- 1.5 m. chip. Same as above, increased qtz.  
**no assay**

94JCR003- 1.5 m. chip. Same as above, decreased qtz.  
**4, 0.3, 43, 8, 35**

94JCR004- 1.5 m. chip. Same as above.  
**2, 0.1, 34, 4, 39**

94JCR005- 1.5 m. chip. Same as above.  
**1, 0.2, 85, 5, 28**

94JCR006- 1.5 m. chip. Same as above, increased qtz.  
**5, 0.3, 218, 7, 24**

94JCR007- 1.5 m. chip. Same as above, trace-1% malachite as fracture coating  
**4, 0.3, 392, 5, 38**

**ROCK SAMPLE DESCRIPTIONS: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94JCR008- 1.5 m. chip Carbonatized, pyritic, silicified andesite tuff  
**7, 0.2, 22, 5, 33**

94JCR009- 1.5 m. chip. Same as above, increased qtz.  
**3, 2.5, 279, 19, 87**

94JCR010- 1.5 m. chip. Carbonatized, pyritic andesite, trace-0.5% py., po., cpy., gal.  
as blebs in qtz. stringers.  
**9, 7.6, 357, 88, 7.6**

94JCR011- 1.5 m. chip. Pyritic, silicified stockwork in andesite.  
**5, 3.9, 62, 24, 49**

94JCR012- 0.5 m. chip. Rhyolite/andesite contact, fractured, silicified, pyritic, trace-  
2% cpy., mal. on fracture coatings.  
**7, 1.7, 2250, 9, 27**

94JCR013- 1.0 m. chip. chip. Carbonatized, silicified, pyritic rhyolite.  
**3 0.4, 38, 8, 56**

94JCR014- 1.0 m. chip. Same as above, abundant jarosite and Mn oxide.  
**7, 0.9, 51, 24, 59**

94JCR015- 2.0 m. chip. Carbonatized, silicified, pyritic tuff.  
**5, 0.8, 61, 14, 28**

94JCR016- 2.0 m. chip. Same as above.  
**4, 2.0, 41, 15, 54**

***LITTLE CORNICE ZONE***

94JCR017- 1.5m. chip. Sheared, pyritic, silicified rhyolite/andesite contact zone,  
weakly brecciated.  
**5, 1.6, 42, 97, 107**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994.**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94JCR018- 1.5 m. chip. Same as above.

**1, 2.0, 52, 27, 76**

94JCR019- 1.5 m. chip. Same as above, increased limonite.

**5, 2.1, 63, 22, 109**

94JCR020- 2.0 m. chip. Carbonatized, silicified, pyritic rhyolite breccia

**5, 5.4, 95, 25, 49**

94JCR021- 1.0 m. chip. Same as above, increased fracturing.

**7, 16.1, 566, 17, 67**

***SOUTHERN GOSSAN ZONE***

94JCR022- 1.0 m. chip. Silicified breccia dyke/andesite contact zone,

**5, 0.5, 54, 7, 108**

94JCR023- 1.0 m. chip. Same as above

**1, 0.6, 16, 8, 6**

94JCR024- 1.0 m. chip. Carbonatized, silicified, pyritic andesite.

**7, 0.8, 34, 13, 20**

94JCR025- 1.0 m. chip. Same as above.

**1, 1.5, 36, 30, 32**

94JCR026- 1.0 m. chip. Silicified, carbonatized, fractured lapilli tuff.

**16, 1.3, 41, 27, 130**

94JCR027- 1.0 m. chip. Quartz breccia dyke, 20% epidote, limonite as fracture coatings.

**1, 0.9, 32, 12, 122**

94JCR028- 1.0 m. chip. Same as above.

**7, 2.1, 175, 17, 200**

**ROCK SAMPLE DESCRIPTION: CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94JCR029- 1.1 m. chip. Silicified, carbonatized lapilli tuff.

**2, 1.9, 21, 40, 43**

94JCR030- 1.0 m. chip. Same as above.

**9, 3.0, 14, 80, 26**

94JCR031- 1.0 m. chip. Same as above.

**3, 2.5, 9, 88, 20**

94JCR032- 1.0 m. chip. Same as above, increased limonite and jarosite.

**4, 4.6, 14, 96, 17**

94JCR033- 1.0 m. chip. Same as above.

**1, 1.1, 21, 55, 188**

***SOUTHERN GOSSAN ZONE***

94JCR034- 1.0 m. chip. Carbonatized, silicified lapilli tuff, py. vein to 5 cm. width, trace-1% diss. po., abundant hematite, limonite,

**48, 32.8, 198, 2384, 1517**

94JCR035- 1.0 m. chip. Bleached, fractured, limonitic andesitic breccia.

**7, 3.2, 18, 195, 174**

94JCR036- 1.0 m. chip. Same as above.

**15, 1.8, 19, 34, 90**

94JCR037- 1.0 m. chip. Same as above, increased qtz..

**11, 3.7, 26, 73, 56**

94JCR038- 1.0 m. chip. Same as above.

**19, 7.6, 36, 302, 112**

94JCR039- 1.0 m. chip. Same as above.

**15, 4.7, 21, 91, 104**



**ROCK SAMPLE DESCRIPTIONS- CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

94JCR040- 1.0 m. chip. Same as above.  
**16, 2.9, 23, 38, 35**

94JCR041- 1.0 m. chip. Same as above.  
**5, 3.0, 21, 33, 44**

94JCR042- 1.5 m. chip. Brecciated, limonitic andesite flow.  
**7, 1.7, 30, 28, 16**

94JCR043- 1.5 m. chip. Same as above.  
**9, 1.0, 18, 22, 8**

94JCR044- 2.0 m. chip. Silicified, limonitic andesite flow.  
**12, 0.7, 64, 6, 113**

94JCR045- 2.0 m. chip. Same as above.  
**14, 0.6, 83, 6, 80**

***LITTLE CORNICE ZONE***

94JCR046- 0.5 m. chip. Sheared, limonitic, rhyolite/andesite contact zone, shallow dipping fault zone, trace-3% py., cpy.  
**70, 153.7, 7160, 251, 1356**

94JCR047- 1.0 m. chip. Same as above, trace-1% py., cpy.  
**37, 29.0, 4122, 151, 584**

94JCR048- 1.0 m. chip. Carbonatized, pyritic quartz-carbonate breccia.  
**13, 11.6, 2564, 23, 303**

94JCR049- 1.0 m. chip. Carbonatized, silicified, pyritic rhyolite  
**7, 1.0, 85, 12, 33**

**ROCK SAMPLE DESCRIPTIONS- CORNICE MTN. PROJECT, 1994**

**Au ppb, Ag ppm, Cu ppm, Pb ppm, Zn ppm**

***LITTLE CORNICE ZONE***

94JCR050- 1.0 m. chip. Sheared andesite, abundant Mn oxide.  
**12, 0.3, 47, 7, 424**

94JCR051- 1.0 m. chip. Fractured, silicified andesite, qtz. stringers.  
**5, 1.8, 418, 18, 130**

94JCR052- 1.5 m. chip. Quartz stockwork veining in rhyolite.  
**7, 0.3, 30, 8, 16**

94JCR053- GRAB Silicified, brecciated andesite, fracture filling py., po., cpy.  
**2, 0.2, 24, 8, 23**

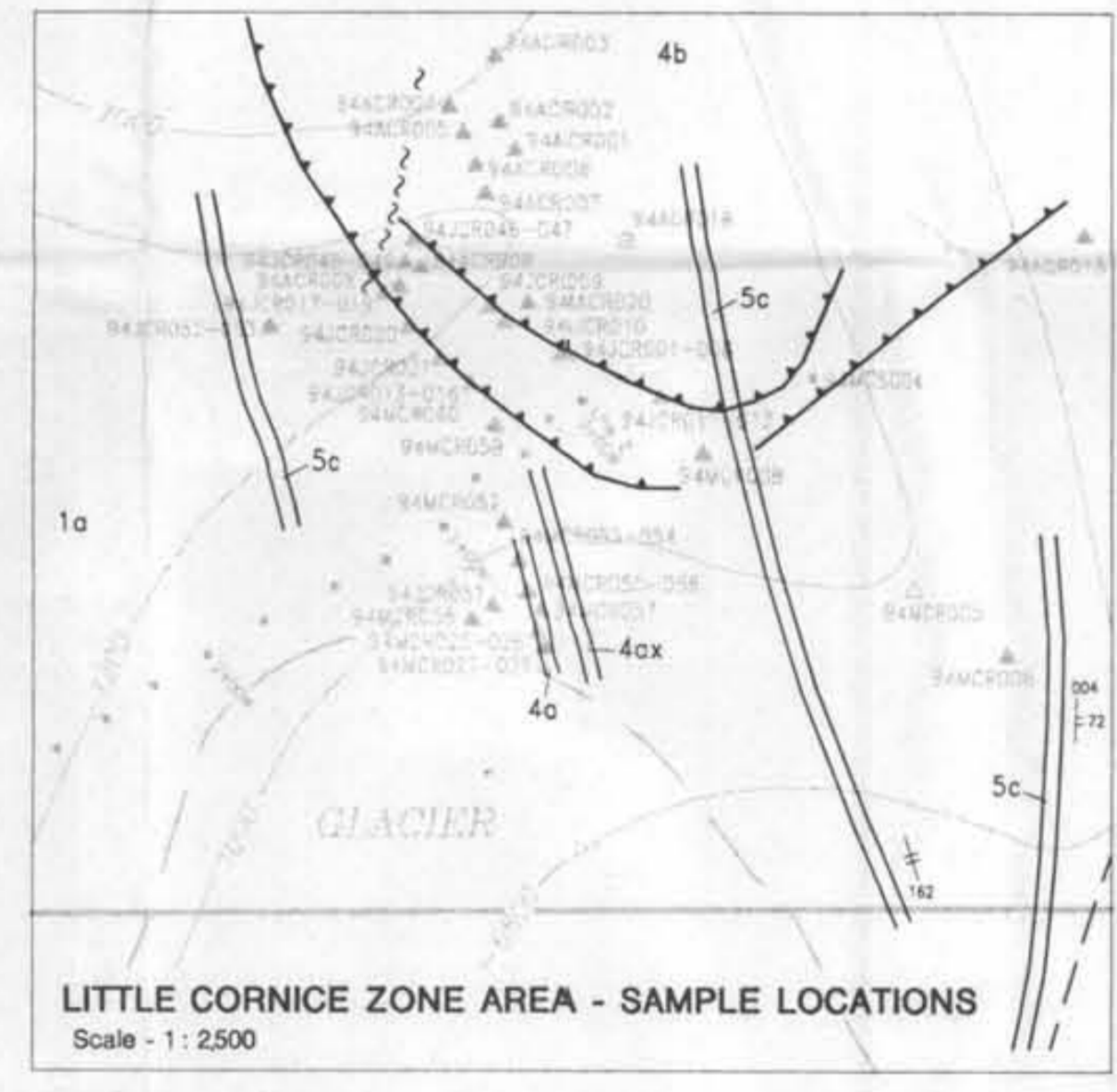
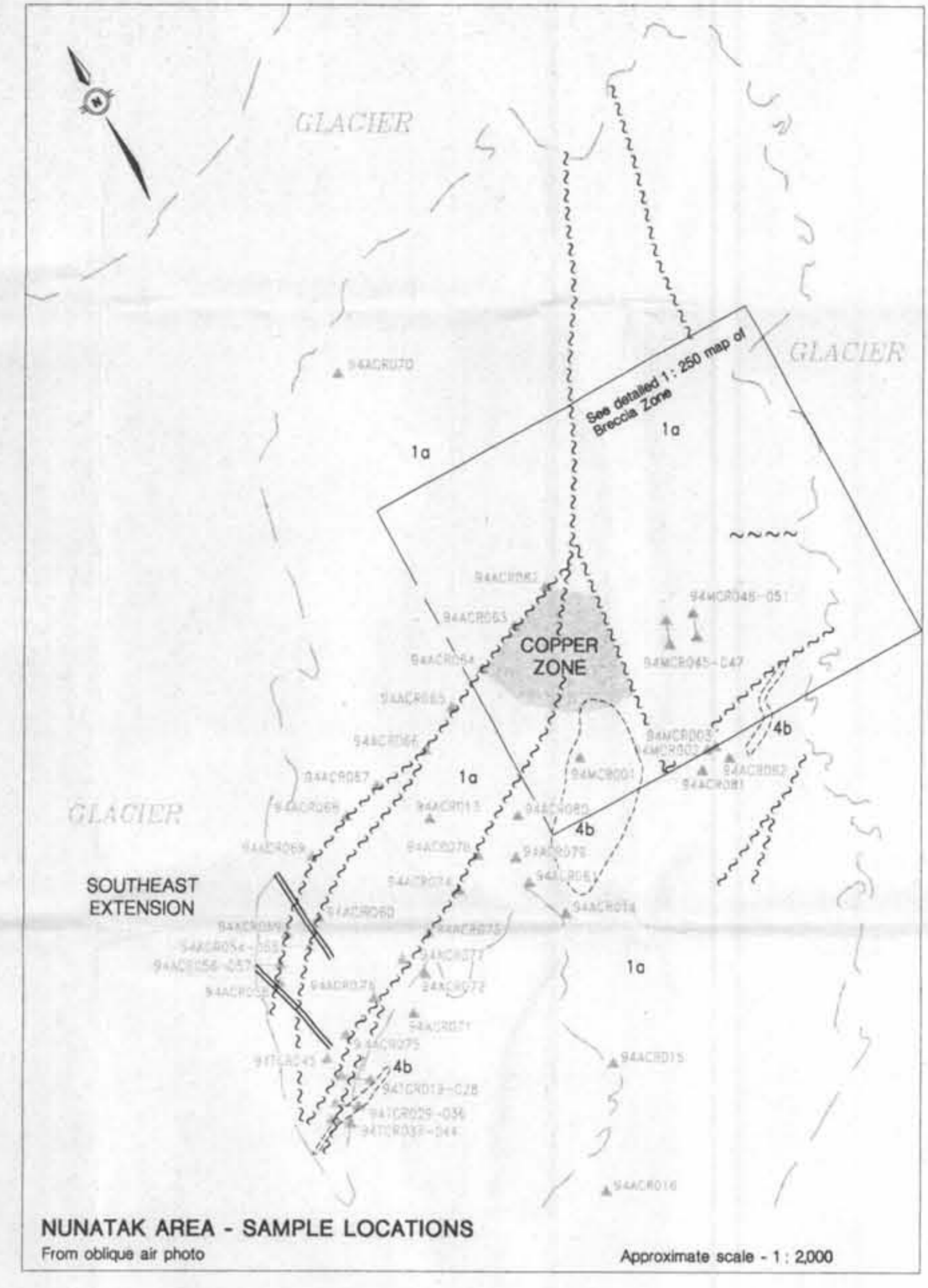
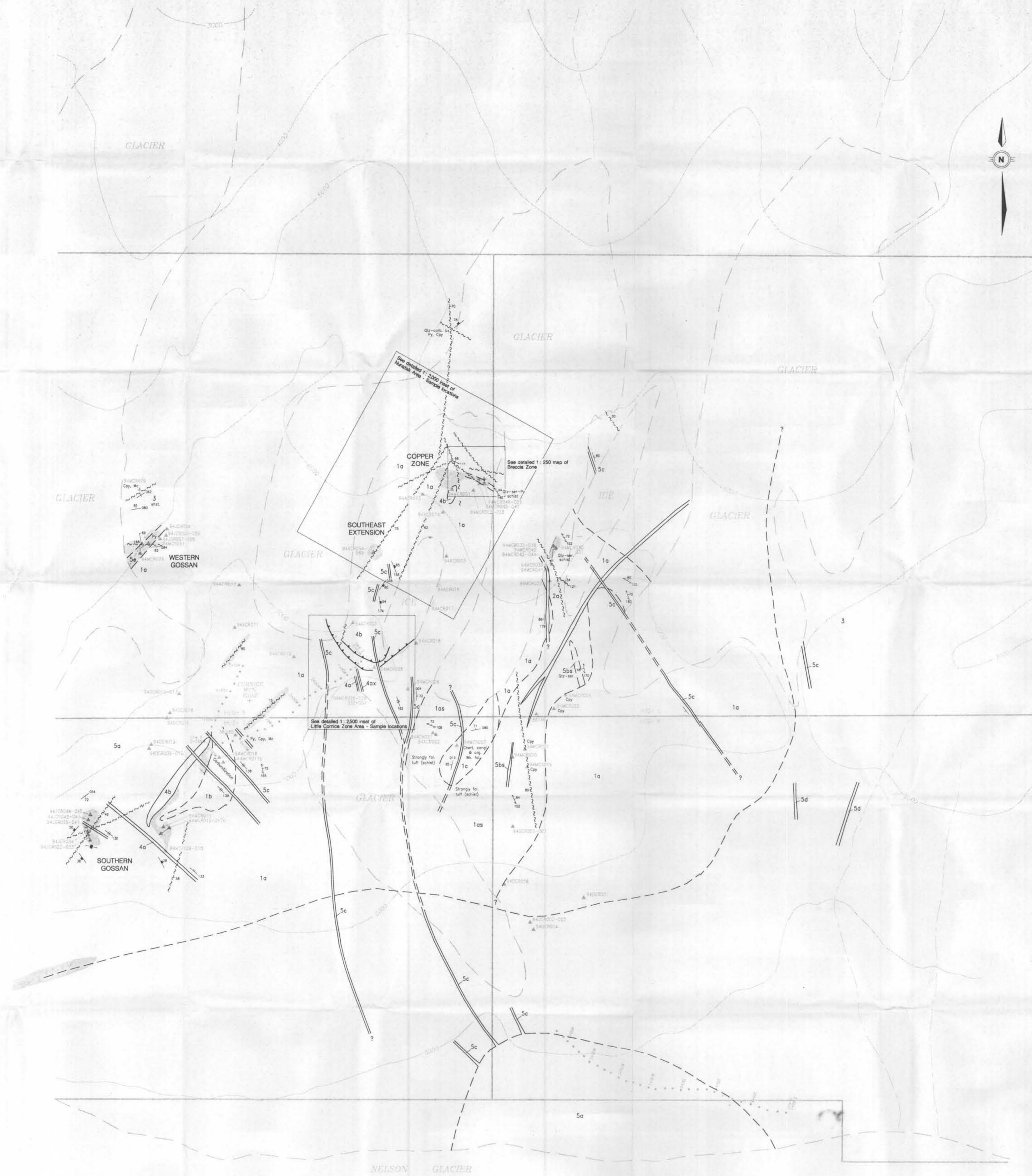
94JCR054- 1.0 m. chip. Limonitic, carbonatized andesite tuff, abundant Mn oxide,  
trace-2% py. and cpy.  
**20, 2.4, 40, 42, 184**

94JCR055- 1.0 m. chip. Silicified, pyritic andesite.  
**1, 0.7, 25, 37, 84**

94JCR056- 1.5 m. chip. Fractured, limonitic cherty argillite.  
**14, 4.2, 54, 19, 66**

94JCR057- 1.0 m. chip. Sheared lapilli tuff.  
**2, 0.7, 72, 35, 510**

94JCR058- 1.5 m. chip. Limonitic tuff breccia.  
**1, 0.4, 22, 21, 306**



- LEGEND**
- 1a Intermediate lapilli tuff
  - 1as Foliated (schistose) lapilli tuff
  - 1b Agglomerate
  - 1c Conglomerate
  - 2 Limestone
  - 3 Chert/argillite
  - 4a Quartz porphyry
  - 4ax Rhyolite breccia
  - 4b Welded rhyolite tuff
  - 5a Quartz monzonite
  - 5bs Foliated (schistose) felsic dyke
  - 5c Feldspar biotite +/- hornblende porphyry
  - 5d Diorite
  - 5e Siliceous feldspar porphyry
- Glacier limit
  - Geologic contact, observed
  - - - Geologic contact, inferred
  - - - Fault (with dip direction)
  - ~ ~ ~ Thrust fault
  - Strong gossan
  - Bedding or stratigraphic contact (inclined, vertical)
  - Dyke contact (inclined, vertical)
  - Foliation (inclined, vertical)
  - Joint (inclined, vertical)
  - Fault attitude (inclined, vertical)
  - Continuous rock chip sample
  - Rock chip or composite sample
  - Float sample
  - Talus sample
  - Soil sample

GEOLOGICAL BRANCH ASSESSMENT REPORT

23,876

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**TREV CORP.**  
CAMECO OPTION - STEWART PROPERTY  
Skeena Mining Division, B.C.

**GEOLOGY**

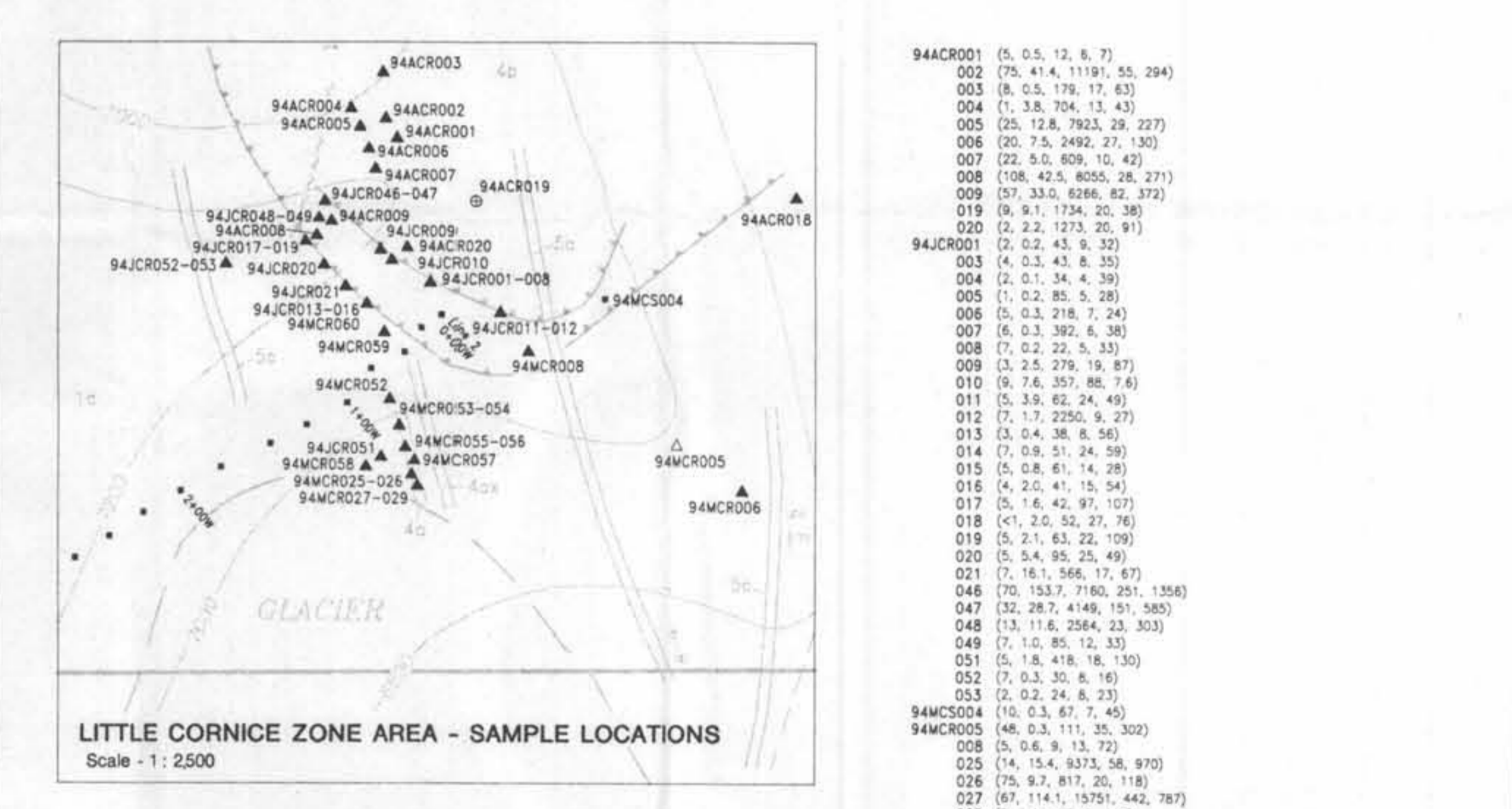
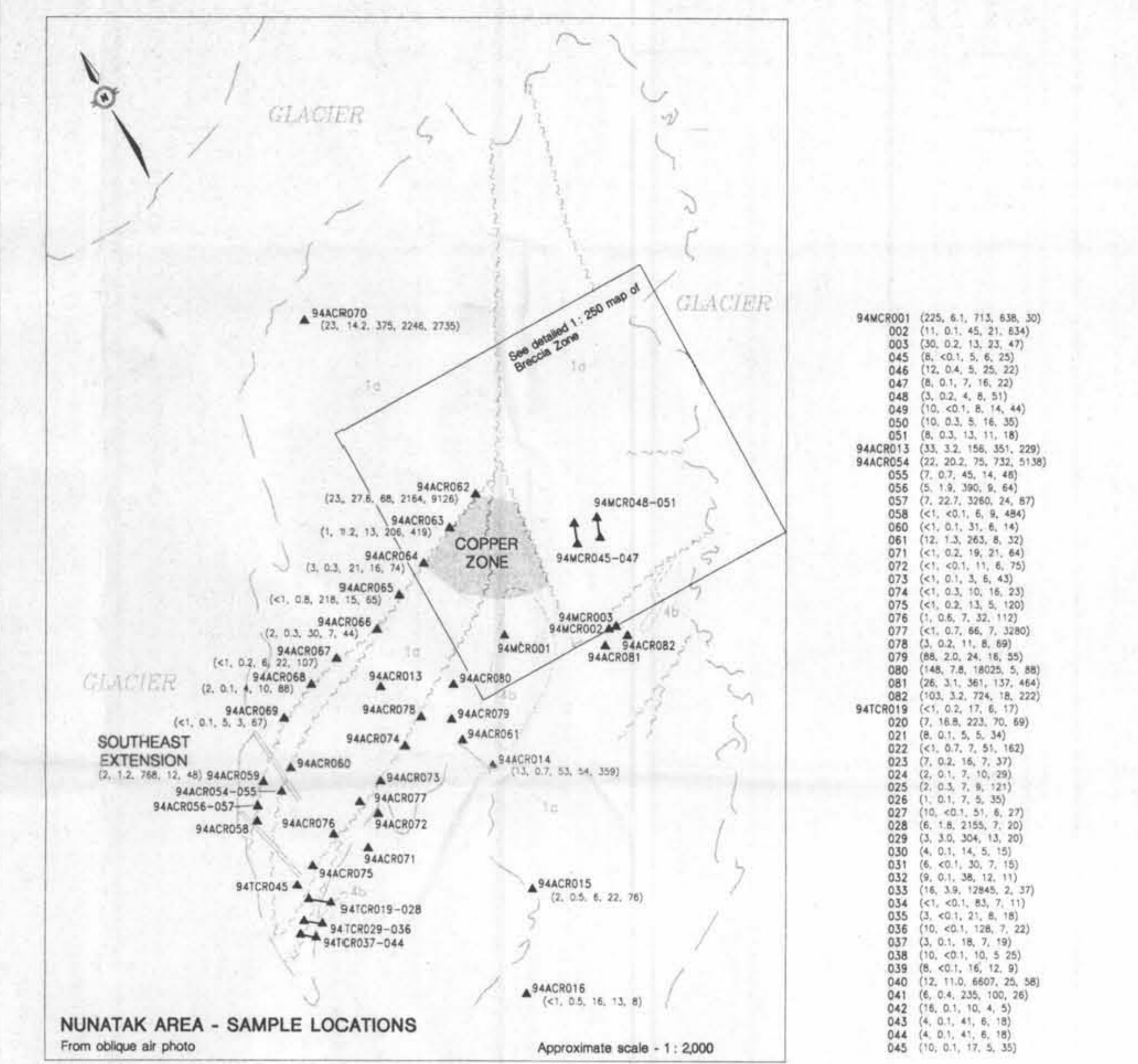
**NICHOLSON AND ASSOCIATES**  
1: 5,000 Scale  
OCT 1994



- 94JCR002** (0, 0.5, 54, 7, 108)  
 023 (4, 0.6, 18, 8, 9)  
 024 (7, 0.8, 26, 13, 205)  
 025 (1, 5, 36, 30, 37)  
 026 (14, 1.3, 47, 27, 130)  
 027 (4, 0.9, 32, 12, 122)  
 028 (2, 2.1, 19, 17, 200)  
 029 (2, 1.8, 21, 45, 43)  
 030 (3, 3.0, 14, 80, 29)  
 031 (3, 2.6, 20, 2, 5)  
 032 (4, 4, 96, 17, 46)  
 033 (4, 1.1, 50, 188, 1)  
 034 (48, 12.8, 198, 284, 1517)  
 035 (7, 3.0, 18, 198, 174)  
 036 (15, 1.8, 18, 34, 90)  
 037 (11, 3.7, 36, 35, 36)  
 038 (19, 7.6, 36, 302, 112)  
 039 (15, 4.7, 21, 91, 34)  
 040 (18, 2.8, 23, 38, 33)  
 041 (5, 3.0, 21, 33, 44)  
 042 (7, 1.7, 30, 28, 16)  
 043 (8, 1.0, 18, 22, 8)  
 044 (12, 0.7, 84, 6, 113)  
 045 (4, 0.6, 81, 6, 80)

- SUR LINE 2**  
 0100W (242, 1.8, 318, 44, 292)  
 0101W (18, 8, 332, 47, 282)  
 0102W (150, 3.3, 398, 86, 224)  
 0103W (90, 2.7, 252, 75, 185)  
 1100W (10, 1.4, 28, 78, 224)  
 1101W (8, 1.0, 137, 40, 171)  
 1102W (11, 1.4, 44, 47, 305)  
 1103W (37, 4.3, 784, 27, 377)  
 2100W (78, 4.5, 144, 67, 544)  
 2101W (20, 3.8, 60, 78, 278)  
 2102W (18, 2.8, 102, 246, 848)  
 2103W (74, 12.6, 815, 320, 848)  
 3100W (50, 21.4, 251, 123, 1919)  
 3101W (71, 12, 478, 250, 794)  
 3102W (308, 11.3, 440, 810, 1820)  
 4100W (24, 30.2, 1248, 2328, 3225)  
 4101W (41, 62.8, 180, 1978, 6178)  
 4102W (87, 35.8, 480, 1801, 3744)  
 4103W (8, 2.8, 102, 246, 848)  
 5100W (44, 19.5, 888, 478, 102)  
 5101W (40, 19.8, 188, 41, 182)  
 5102W (60, 5.5, 521, 153, 523)  
 5103W (30, 5.5, 473, 44, 213)  
 6100W (75, 4.8, 450, 88, 407)

- SUR LINE 3**  
 0100W (14, 5.1, 165, 84, 111)  
 0101W (22, 4.1, 131, 70, 80)  
 0102W (28, 4.8, 468, 77, 287)  
 1100W (26, 9.8, 351, 245, 314)  
 1101W (28, 5.8, 188, 188, 560)  
 1102W (18, 6.5, 613, 133, 814)  
 1103W (21, 19.8, 881, 450, 1048)  
 2100W (8, 20, 164, 48, 133)  
 2101W (24, 18.0, 108, 100, 270)  
 2102W (27, 33.2, 688, 485, 1535)  
 2103W (14, 18.0, 108, 100, 270)  
 3100W (5, 150.0, 931, 262, 225)



**LEGEND**

- 1a Intermediate lapilli tuff
- 1as Foliated (schistose) lapilli tuff
- 1b Agglomerate
- 1c Conglomerate
- 2 Limestone
- 3 Chert/argillite
- 4a Quartz porphyry
- 4b Rhyolite breccia
- 4c Welded rhyolite tuff
- 5a Quartz monzonite
- 5b Foliated (schistose) felsic dyke
- 5c Feldspar biotite +/- hornblende porphyry
- 5d Diorite
- 5e Siliceous feldspar porphyry
- 6a Glacier limit
- 7a Geologic contact, observed
- 7b Geologic contact, inferred
- 8 Fault (with dip direction)
- 9 Thrust fault
- 10 Strong gossan
- 11 Bedding or stratigraphic contact (inclined, vertical)
- 12 Dyke contact (inclined, vertical)
- 13 Faultion (inclined, vertical)
- 14 Joint (inclined, vertical)
- 15 Fault (inclined, vertical)
- 16 Continuous rock chip sample
- 17 Rock chip or composite sample
- 18 Flot sample
- 19 Talus sample
- 20 Soil sample

**TREY CORP.**  
 CAMECO OPTION - STEWART PROPERTY  
 Skeena Mining Division, B.C.

**SAMPLE LOCATIONS**

**NICHOLSON AND ASSOCIATES**  
 SCALE: 1:5,000  
 DATE: SEP 1994

**23,846**

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

Sample results in units as follows (A=ppm, B=ppm, C=ppm, D=ppm, E=ppm, F=ppm) unless otherwise noted.



LEGEND

- 1** Andesitic volcanics; ash tuff, lapilli tuff, agglomerate and massive flows
  - 1a** Gossanous, med. brown, iron carbonate altered volcanics
  - 1b** Gossanous, deep brown, quartz +/- carbonate +/- chlorite altered volcanics
  - 1c** Orange gossan, alumite-jarosite staining, quartz-sericite-pyrite altered volcanics
  - 1d** Gossanous quartz +/- carbonate +/- sulphide breccia
  - 1e** Laminated chert or siliceous argillite
  - 3** Laminated chert or siliceous argillite
- 
- Glacier limit
  - Geologic contact, observed
  - Geologic contact, inferred
  - Fault (with dip direction)
  - Bedding or stratigraphic contact (inclined, vertical)
  - Foliation (inclined, vertical)
  - Joint (inclined, vertical)
  - Fault attitude (inclined, vertical)
  - Vein
  - Diamond drill hole
  - Survey station
- 
- ▲ Continuous rock chip sample
  - ▲ Rock chip or composite sample
  - ▲ Talus sample
  - ▲ (1993 Cameco samples and results in Italics)

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

23,846



**TREV CORP.**  
CAMECO OPTION - STEWART PROPERTY  
Skeena Mining Division, B.C.

**BRECCIA ZONE - COPPER ZONE AREA  
GEOLOGY**

**NICHOLSON AND ASSOCIATES**

SCALE: 1:250  
DATE: OCT 1994  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]

