# BRITISH COLUMBIA

# PROSPECTORS ASSISTANCE PROGRAM

# MINISTRY OF ENERGY AND MINES

# GEOLOGICAL SURVEY BRANCH

| | |
|---|---|
| PROGRAM YEAR: | 1994/95 |
| REPORT #: | PAP 94-23 |
| NAME: | RICHARD LODMELL |

Richard Delmar Lodmell

1994 Prospecting Program

Ref. No. 94-95-P75

Quilchena Plateau N.T.S. 92I/2E

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Nestor Cr

LEGACY • 2 317369 | LEGACY • 1 317368
LEGACY • 4 317371 | LEGACY • 3 317370
LEGACY • 10 317377 | LEGACY • 9 317376 | LEGACY • 6 317373 | LEGACY • 5 317372
LEGACY • 8 317375 | LEGACY • 7 317374

L.3837 C.Q. | L.3835 C.Q. | L.3836 C.Q. | L.4789 C.Q.

RCG L.6203 237795 | RCG L.5198 237792 | RCG | RCG L.5202 237794 | L.6189 237783

QUIL • 1
322479
5NX4W

QUIL • 2
322480
5NX4E

224645 | 224646

555667

MOON
326476
1NX5W
SK-15
(5N x 4W)
327273

COPPER MOON
326475
SK-16
(5N x 4E) 1NX5E
327274

TM
331970

230274 | 230273

Creek 230480 | 230477 | 230398 | 230399

SK-12
(4S x 5W)
327270

SK-13
(4S x 5E)
327271

1969 | 1964

Lundbom L.

Marquart L.

SK-10

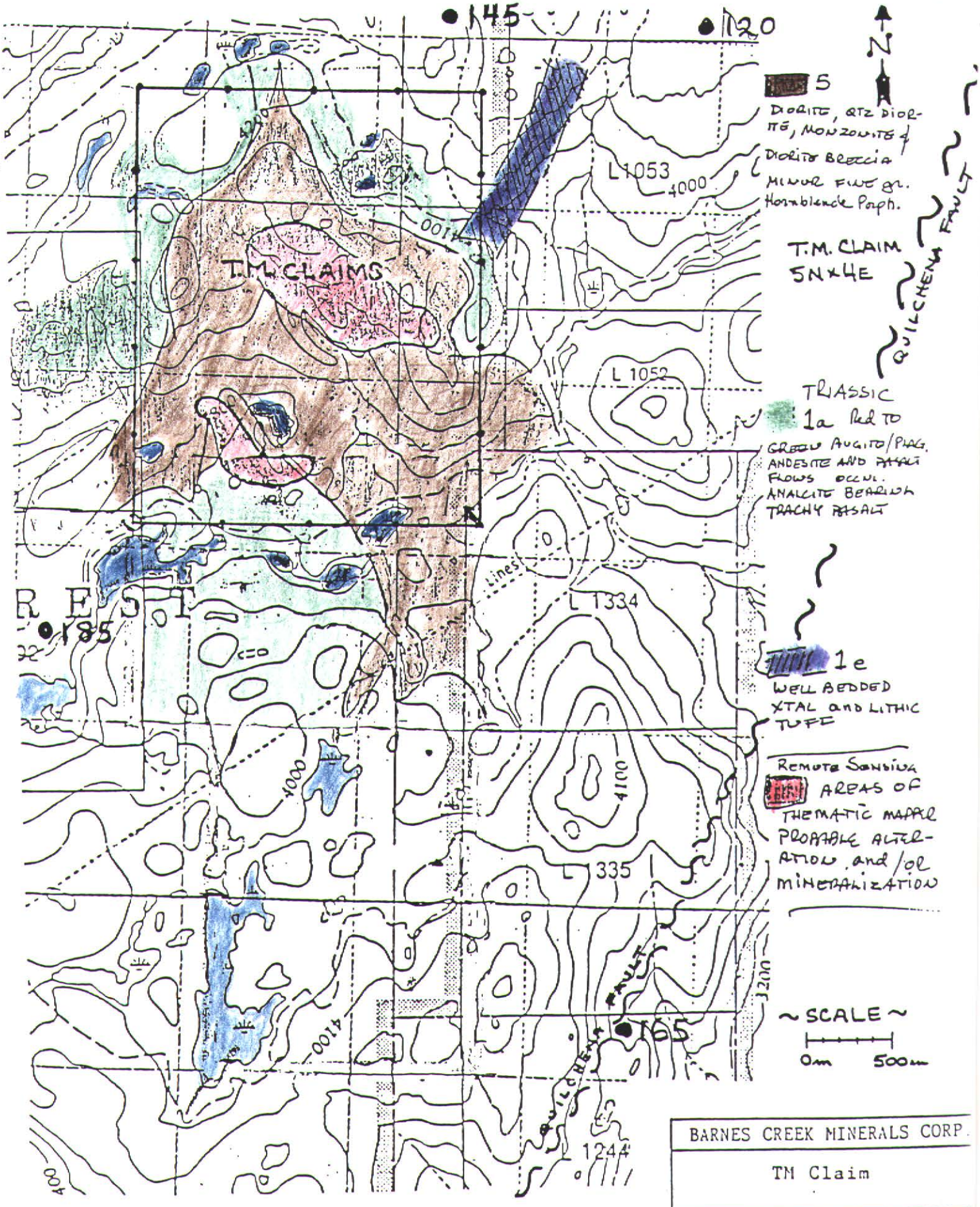
CLAIMS MAP
Nicola Mining Division
N.T.S. 92I/2E
Scale: 0m 500m 1000m 1500m

Teenamilsts Creek

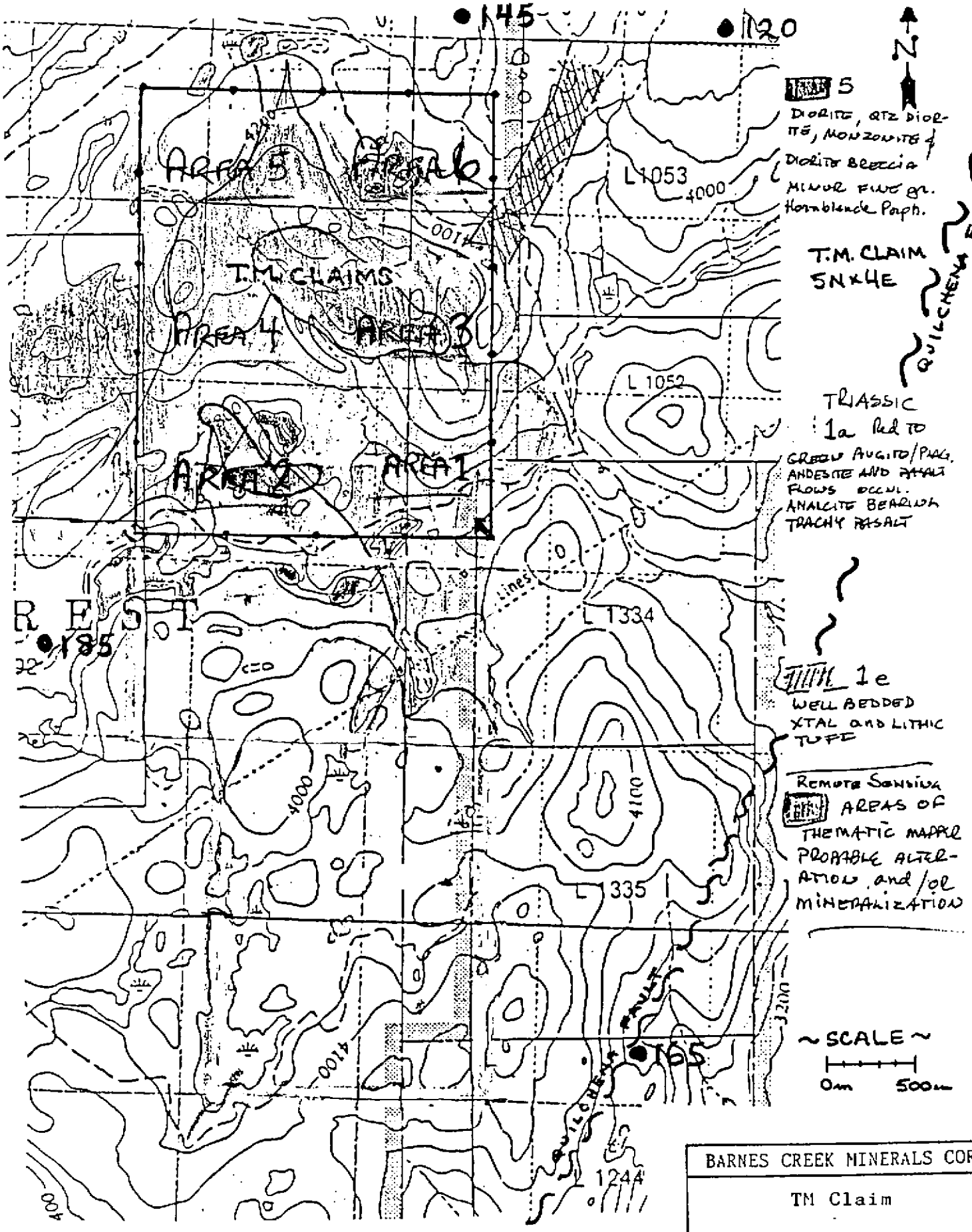
5550336

I.R. No. 7

QUIL




| BARNES CREEK MINERALS CORP. | | |
|---|---|---|
| TM Claim | | |
| 92I/2 | Km Mn Dv | Dwn:L. |
| Nov 94 | Claim TM | Fig. 3 |




| BARNES CREEK MINERALS CORP. | | |
|---|---|---|
| TM Claim | | |
| 92I/2 | Km Mn Dy | Dwn:LD |
| Nov 94 | Claim TM | Fig. 3 |

.45C

RUN DATE: 12/27/94 MINFILE / pc
RUN TIME: 15:19:08 PAGE: 1 MASTER REPORT
REPORT: RGEN0100
GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

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MINFILE NUMBER: s3BB NATIONAL MINERAL INVENTORY:

NAME(S): s3BG & GI, IOTA

STATUS: Showing
MINING DIVISION: Nicola
NTS MAP: 092I02E
UTM ZONE: 10
LATITUDE: 50 07 32
NORTHING: 5555250
LONGITUDE: 120 32 57
EASTING: 675188
ELEVATION: 1327 Metres
LOCATION ACCURACY: Within 500M

COMMODITIES: Copper Gold

MINERALS
SIGNIFICANT: Pyrite Chalcopyrite
ASSOCIATED: Quartz Calcite
ALTERATION: Epidote
ALTERATION TYPE: Propylitic
MINERALIZATION AGE: Unknown
ISOTOPIC AGE: DATING METHOD: Unknown
MATERIAL DATED:

DEPOSIT
CHARACTER: Vein Disseminated
CLASSIFICATION: Hydrothermal
DIMENSION: Metres STRIKE/DIP: 005/65E
TREND/PLUNGE:
COMMENTS: Strata and quartz veins.

HOST ROCK
DOMINANT HOST ROCK: Plutonic

| AGE | N | METAMORPHIC/OTHER |
|---|---|---|
| per Triassic | Nicola | Undefined Formation |
| Unknown | | |
| Unnamed/Unknown Informal | | |

LITHOLOGY: Porphyritic Diorite
Andesite
Augite Porphyritic Andesite

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
PHYSIOGRAPHIC AREA: Thompson Plateau
TERRANE: Quesnellia
METAMORPHIC TYPE: Regional RELATIONSHIP:
GRADE: Greenschist

RESERVES

ORE ZONE: AL

CATEGORY: Assay YE
AR: 1987

SAMPLE TYPE: Drill Core

Gold 0.4600 Grams per tonne
REFERENCE: Assessment Report 15852

CAPSULE GEOLOGY

The AL property is located in a belt of volca
nic and minor
sedimentary rocks of the Upper Triassic Nicola Gro
up. These consist
of red to green-grey andesitic and basaltic flows
which are either
fine-grained and massive or porphyritic with augit
e phenocrysts.
Epidote alteration is locally intense. Volcanic r
ocks strike north
dip 60 to 80 degrees to the east, and carry sparse
pyrite and
chalcopyrite. The regional Quilchena fault strike
s northeast and
appears to have been the locus of up to three kilo
metres of
horizontal displacement.

Copper mineralization appears to be related t
o microdiorite
intrusions. Diamond drilling (1987) led to the re
cognition
of three types of microdiorite. The first is sili
ceous, very
fine-grained and finely porphyritic and carries 2
to 8 per cent

MINFILE NUMBER: s3BB

pes contain
rix with sparse
rts per billion)
ner values (60 to
calcite veins. A
per tonne gold
ars are offset by
uilchena fault.

disseminated fine pyrite. The second and third ty
subhedral feldspar phenocrysts in a grey-green mat
pyrite and chalcopyrite. Gold values (10 to 35 pa
are associated with the microdiorite units and hig
460 parts per billion) are associated with quartz-
diamond-drill hole intersection assayed 0.46 grams
(Assessment Report 15852). In the adits, vein she
post-mineral faults which are subordinate to the Q

BIBLIOGRAPHY


EMPR ASS RPT 8494, 12256, 15572, 15852
EMPR MAP 47
GSC MEM 249, p. 131
EMPR AR 1962-57
EMPR PF (Kamloops) (*Kelly, S.F. (1986): Report on
G & GI Groups of Mineral Claims; Sorbara, J.F.
on IOTA and G & GI claims for IOTA Explorations
EMPR EXPL 1989-119-134


the IOTA and
(1987): Report
Ltd.)

DATE CODED: 850724 CODED B
": GSB FIELD CHECK: N
DATE REVISED: 871110 REVISED B
Y: LKW FIELD CHECK: N

.45C

RUN DATE: 12/27/94 MINFILE / pc
PAGE: 1
RUN TIME: 15:30:52 MASTER REPORT
REPORT: RGEN0100

GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

MINFILE NUMBER: s3BB

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MINFILE NUMBER: s3BB NATIONAL MINERAL INVENTORY:

NAME(S): s3BIMESTONEsOB STATUS: Showing
MINING DIVISION: Nicola
NTS MAP: 092I02E
UTM ZONE: 10
LATITUDE: 50 07 38
NORTHING: 5555370
LONGITUDE: 120 34 28
EASTING: 673370
ELEVATION: 1341 Metres
LOCATION ACCURACY: Within 1 KM
COMMENTS: Limestone exposure forms a rounded ridge 2.5 kilometres south of Nicola Lake, 15.5 kilometres east from the town of Merritt (Minister of Mines Annual Report 1958, page 94).

COMMODITIES: Limestone

MINERALS
SIGNIFICANT: Carbonate
MINERALIZATION AGE: Upper Triassic
ISOTOPIC AGE: DATING METHOD: Unknown
MATERIAL DATED:

DEPOSIT
CHARACTER: Massive Stratiform
CLASSIFICATION: Sedimentary Industrial Min.

HOST ROCK
DOMINANT HOST ROCK: Sedimentary

| AGE | | N | METAMORPHIC/OTHER |
|---|---|---|---|
| per Triassic | Nicola | | Undefined Formation |

LITHOLOGY: Limestone

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
PHYSIOGRAPHIC AREA: Thompson Plateau
TERRANE: Quesnellia

CAPSULE GEOLOGY

Nicola Group is

d is 61 metres wide.

ous. A sample of

ent Fe203, 0.015

O, 0.038 per cent

4 per cent H2O,

ter of Mines Annual

y small.

A large limestone lens of the Upper Triassic

exposed for 152 metres in a northerly direction an

The rock is dark grey, rough weathering and silice

random chips across the surface analyzed 0.2 per c

per cent MnO, 0.46 per cent MgO, 53.67 per cent Ca

P2O5, 0.01 per cent S, 42.8 per cent Ig. Loss, 0.0

2.62 per cent Insol. and 0.28 per cent R2O3 (Minis

Report 1958). A second lens is evident but is ver

BIBLIOGRAPHY

EMPR AR *1958-94-96
GSC MAP 886A
GSC MEM 249; 243
GSC OF 980
EMPR EXPL 1989-119-134

DATE CODED: CODED B

Y: FIELD CHECK: N

DATE REVISED: 891024 REVISED B

Y: GO FIELD CHECK: N

MINFILE NUMBER: s3BB

092I 2SE #165

8a.

.45C

RUN DATE: 12/27/94 MINFILE / p
c PAGE: 1
RUN TIME: 15:53:16 MASTER REPO
RT REPORT: RGEN0100
GEOLOGICAL SURVEY BRANCH - MINER
AL RESOURCES DIVISION
MINFILE NUMBER: s3BB MINISTRY OF ENERGY, MINES AND
PETROLEUM RESOURCES

---

MINFILE NUMBER: s3BB NATIONAL MINER
AL INVENTORY:

NAME(S): s3B MC

STATUS: Showing
MINING DIVISION: Nicola
NTS MAP: 092I02E
UTM ZONE: 10
LATITUDE: 50 05 42
NORTHING: 5551717
LONGITUDE: 120 36 24
EASTING: 671181
ELEVATION: 1165 Metres
LOCATION ACCURACY: Within 500M

COMMODITIES: Copper

MINERALS
SIGNIFICANT: Chalcopyrite Cuprite Magnetite
MINERALIZATION AGE: Unknown
ISOTOPIC AGE: DATING METHOD: Unknown
MATERIAL DATED:

DEPOSIT
CHARACTER: Unknown
CLASSIFICATION: Unknown

HOST ROCK
DOMINANT HOST ROCK: Volcanic

| AGE | N | METAMORPHIC/OTHER |
|---|---|---|
| per Triassic | Nicola | Undefined Formation |

LITHOLOGY: Augite Plagioclase Porphyritic Andesite
Basalt
Diorite

GEOLOGICAL SETTING
TECTONIC BELT: Intermontane
PHYSIOGRAPHIC AREA: Thompson Plateau
TERRANE: Quesnellia

of the central belt of the Upper Triassic Nicola Group. Locally these consist of red to green augite-plagioclase porphyritic andesite and basalt flows striking northeast and dipping 35 degrees to the east. The volcanics are intruded by comagmatic diorite stocks and plugs.

Mineralization consists of chalcopyrite, cuprite and magnetite.

BIBLIOGRAPHY

EMPR BULL *69
EMPR MAP *47
GSC MEM 249
GSC MAP 886A
GSC OF 980
EMPR EXPL 1989-119-134

DATE CODED: 850724 CODED BY: GSB FIELD CHECK: N

DATE REVISED: 880108 REVISED BY: LKW FIELD CHECK: N

MINFILE NUMBER: s3BB

.45C

RUN DATE: 12/27/94 MINFILE / pc
RUN TIME: 15:44:41 PAGE: 1 MASTER REPORT
REPORT: RGEN0100
GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

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MINFILE NUMBER: 092BSE 3BB NATIONAL MINERAL INVENTORY:

NAME(S): 092BSE 3BM.E., TYE, YT, THEL, SUN
BR-3
STATUS: Showing
MINING DIVISION: Nicola
NTS MAP: 092I02E
UTM ZONE: 10
LATITUDE: 50 04 14
NORTHING: 5549116
LONGITUDE: 120 33 23
EASTING: 674875
ELEVATION: 1070 Metres
LOCATION ACCURACY: Within 500M

COMMODITIES: Copper, Silver, Molybdenum

MINERALS
SIGNIFICANT: Chalcopyrite, Bornite, Pyrite, Molybdenite
ASSOCIATED: Quartz, Calcite
ALTERATION: Epidote, Chlorite, Biotite
ALTERATION TYPE: Propylitic, Epidote
MINERALIZATION AGE: Unknown
ISOTOPIC AGE: DATING METHOD: Unknown
MATERIAL DATED:

DEPOSIT
CHARACTER: Stockwork
CLASSIFICATION: Hydrothermal, Epigenetic

HOST ROCK
DOMINANT HOST ROCK: Volcanic

| AGE | | N | METAMORPHIC/OTHER |
|---|---|---|---|
| per Triassic | Nicola | | Undefined Formation |

LITHOLOGY: Augite Plagioclase Porphyritic Andesite
Crystal Tuff
Lithic Tuff
Argillite
Diorite

GEOLOGICAL SETTING

TECTONIC BELT: Intermontane

PHYSIOGRAPHIC AREA: Thompson Plateau

TERRANE: Quesnellia

METAMORPHIC TYPE: Regional Contact RELATIONSHIP:

GRADE: Greenschist

Hornfels

RESERVES

ORE ZONE: ME

CATEGORY: Assay YE
AR: 1983

SAMPLE TYPE: Grab

Silver 22.2800 Grams per tonne

Copper 4.6000 Per cen
t

Molybdenum 0.0030 Per cen
t

COMMENTS: Sample from trench.

REFERENCE: Assessment Report 12957

CAPSULE GEOLOGY

The property is situated in north trending Up
per Triassic
Nicola Group volcanic and sedimentary rocks and Lo
wer Jurassic
granitic intrusions. The Me showing is underlain
by augite-
plagioclase porphyritic andesitic and basaltic flo
ws with intercalated
crystal and lithic tuffs and minor argillite. The
se are variably
epidotized and generally green in colour. Intrusi
ves vary from
monzonitic to dioritic composition with diorite be
ing the most
predominant. Extensive dyke swarms are mapped in
the north-central
part of the property. The Quilchena fault system
trends northeast

MINFILE NUMBER: 093B

ffs along branches

ures and consists

of molybdenite with

ation, the

t a strong north-

ingers characterize

ly associated with

which is south of a

ms per tonne silver

2957).



Mineralization occurs in sheared flows and tu
of the regional fault and numerous conjugate fract
of chalcopyrite, bornite, pyrite and minor amounts
associated silver values. In the zone of minerali
volcanics have been altered to hornfels and exhibi
northeast trending fabric. Quartz and calcite str
this zone though they are not necessarily intimate
the mineralization.

A grab sample from a trench south of an adit
small lake, assayed 4.6 per cent copper, 22.28 gra
and 0.003 per cent molybdenum (Assessment Report 1

BIBLIOGRAPHY

GSC OF 980
EMPR ASS RPT *4325, 4805, 12957
EMPR GEM 1973-164
EMPR AR 1967-167
EMPR BULL *69
EMPR MAP *47
EMPR EXPL 1983-268
EMPR EXPL 1989-119-134

DATE CODED: 850724 CODED B
Y: GSB FIELD CHECK: N
DATE REVISED: 871219 REVISED B
Y: LKW FIELD CHECK: N

# BRITISH COLUMBIA
# PROSPECTORS ASSISTANCE PROGRAM
# PROSPECTING REPORT FORM (continued)

## B. TECHNICAL REPORT

- One technical report to be completed for each project area
- Refer to Program Requirements/Regulations, section 15, 16 and 17
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT

Name Richard Lodmell Reference Number 94-95-P75

### LOCATION/COMMODITIES

Project Area (as listed in Part A.) Quilchena Plateau Minfile No. if applicable #120 - #145 #165 - #185

Location of Project Area NTS 92I/2E Lat 50° 06' Long 120° 37'

Description of Location and Access The location is 6 Km. South of Nicola Lake and 2Km. N.E. of Lundbom Lake in the Nicola Mining Division N.T.S. map 92I/2E. The area is accessible by truck via highway 5 for 17 Km. S.E. of Merritt to the Lundbom Lake road for 8 Km. to Lundbom Lake.

Main Commodities Searched For Copper and Gold

Known Mineral Occurrences in Project Area This particular area of the Quilchena Plateau has no recorded history of physical work, there has been considerable work in the near vicinity as the copper and gold producing Guichon Mine was located 8 Km. N.E. of the area.

### WORK PERFORMED

1. Conventional Prospecting (area) 9 square kilometers
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples) 8 lithogeochem and 77 soil geochem
4. Geophysical (type and line km) 3.6 Km. Magnetometer and 3.6 Km. VLF/EM surveys
5. Physical Work (type and amount) 20 unit claim staked - 1.6 Km. Baseline construction 10.2 meters gridline construction
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

### SIGNIFICANT RESULTS (if any)

Commodities Copper Claim Name T M

Location (show on map) Lat 50° 06' Long 120° 37' Elevation 3800'

Best assay/sample type 119 PPM "B" Horizon soil sample

Description of mineralization, host rocks, anomalies

See Report on the T M Claim

Geology and conclusions

Supporting data must be submitted with this TECHNICAL REPORT.

# REPORT ON THE TM CLAIM
## 92I/02 - OCT 94

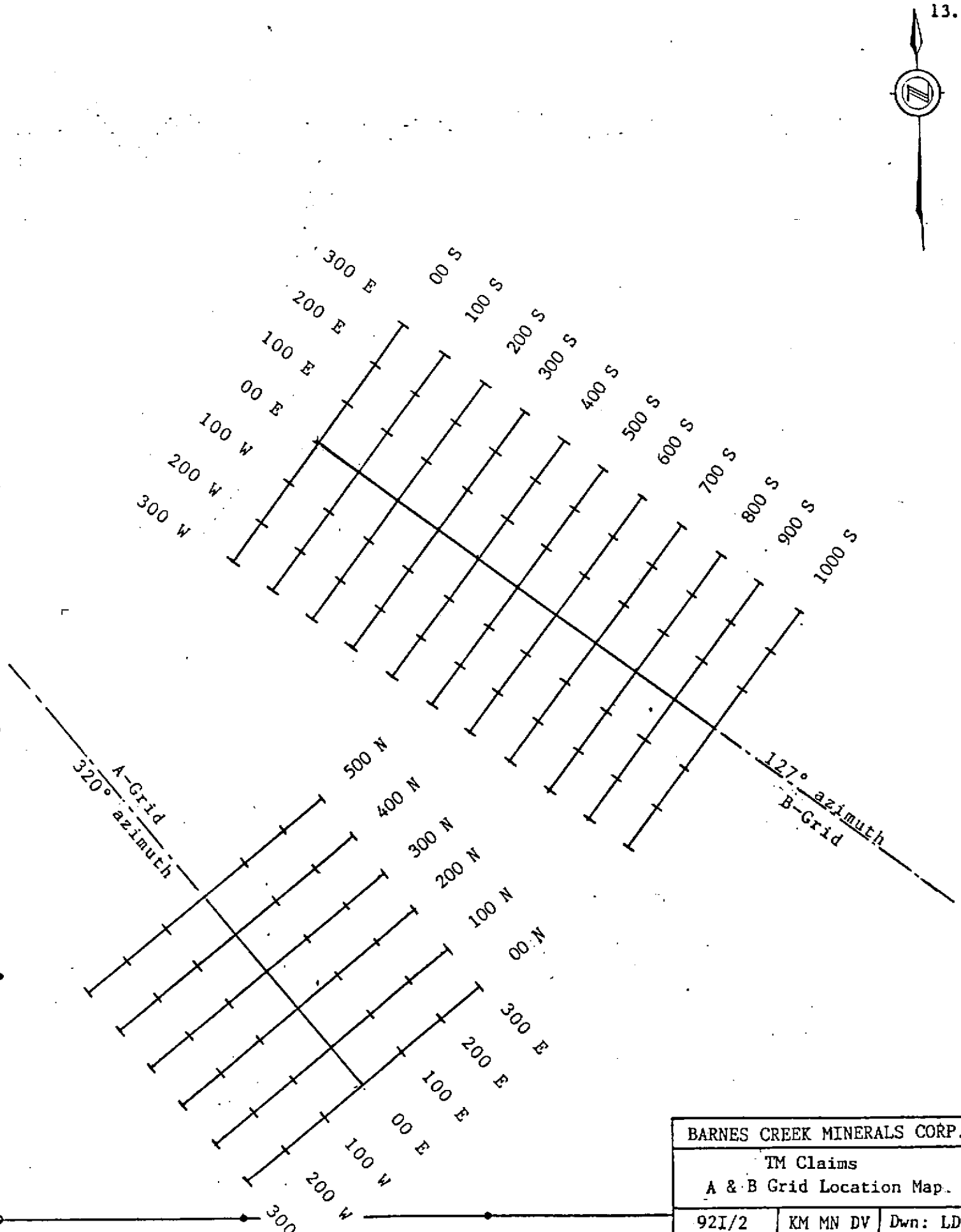
**Work Performed** From the 19th of October until the 30th of October 1994, Barnes Creek Minerals Corporation conducted a VLF/EM and Magnetometer survey on the TM claim. On the 19th and 20th we assisted in installing the B-grid, see figure 1. On the 21st and 22nd of October we did a magnetometer survey using a Geonics 816g proton magnetometer. On the 25th and 26th of October we did a VLF/EM survey using a Sabre model 27. On the 27th to 30th of october we did lithogeochem and soil sampling and assisted the property owner, R.D.Lodmell.

**History** There are four minfile occurrences around the TM claim. They are minfile 92I02SE #120, 92I02SE #145, 92I02SE #165 and 92I02SE #185. The commodities are #120 Cu/Au, #145 limestone, #165 Cu and #185 Cu/Ag/Mo.

**Geology** The TM claim is located in a belt of volcanic and minor sedimentary rocks of the upper Triassic Nicola Group and lower Jurassic granitic intrusives. The TM claim is underlain by plagioclase porphyritic andesitic and basaltic flows with intercalated crystal and lithic tuffs and argillites. Epidote alteration is massive and results in a gray/green fine grained coloration to the flows. The regional Quilchena fault strikes north by northwesterly to the east of the TM claim. Mineralization along the fault is localized by conjugate faults related to the Quilchena fault. Volcanic rocks strike northerly and dip 50 to 80 degrees to the east. The intrusive is a diorite stock and appears to be in geological contact with the andesite/basalt.

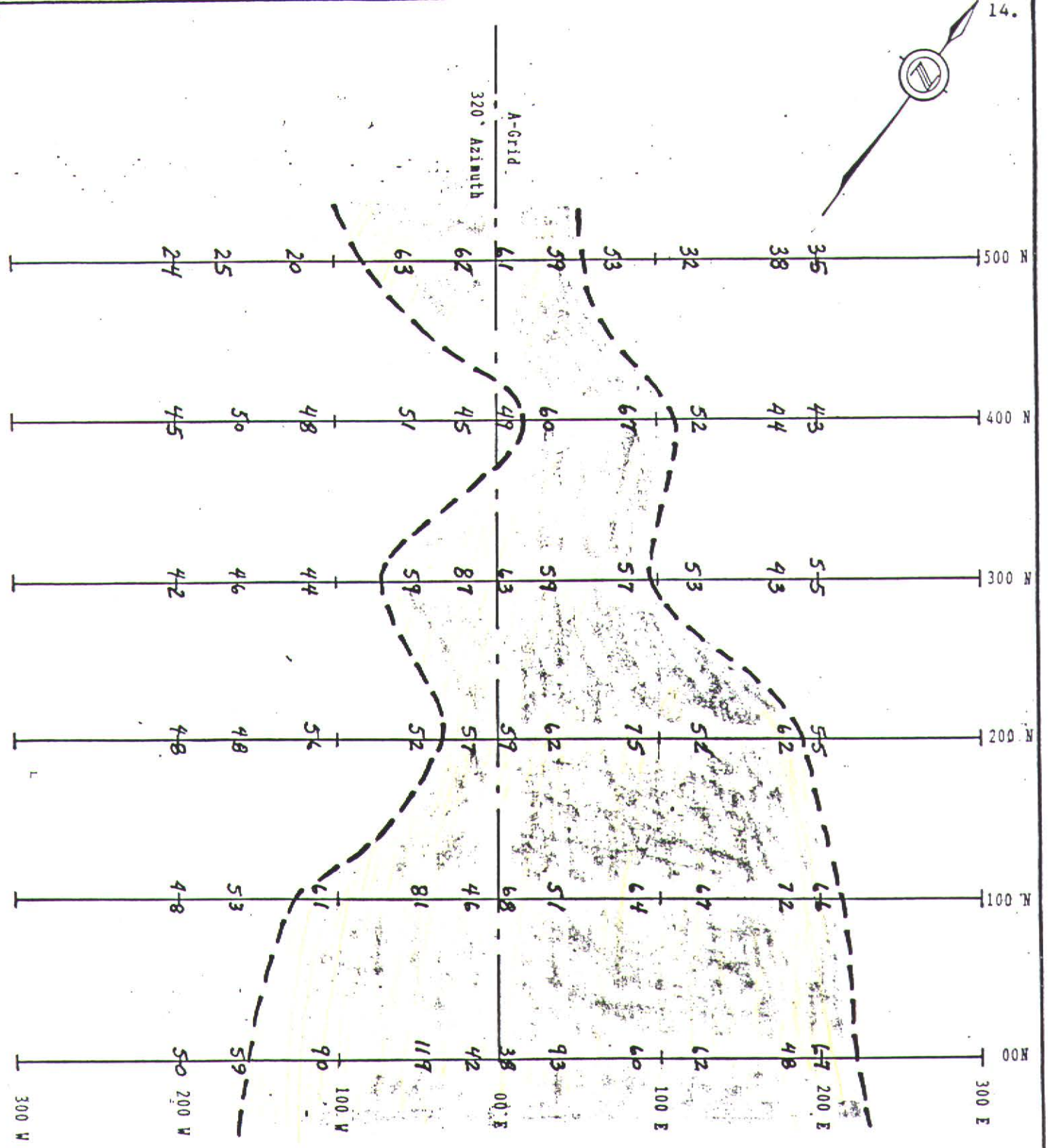
**Conclusions** Due to the high cost of assaying each soil sample taken on the grid, a selected number of samples were assayed to represent a cross section of the A-grid. Figure 2a is a contour of the soil sampling and shows a weak copper anomaly with down slope dispersion. The magnetometer survey outlined six areas of interest 500N+200W, 300N+200W, 00N+160W, 200N+180W, 00N+00E and 400N+160E. All of the magnetometer anomalies are mag highs except for the mag low at 200N+160W. The northwesterly trending high appears to be the contact between the diorite to the north and the andesite/basalt to the south. The low corresponding to a younger andesite (?) flow which depolarized the remnant magnetism of the intrusive. The highs at 500N+200W, 00N+00E, 300N+200W and 00N+140W warrant further evaluation. The VLF/EM survey outlined three areas of interest with each being coincident with the magnetometer survey. First the 200N+80W VLF/EM anomaly is just north of the magnetometer low and could be indicative of a low grade epithermal deposit, gold in soils should be run. Secondly the 55N+200W VLF/EM anomaly is coincident with the magnetometer high (4224) and warrants further sampling and mapping. Third the 500N+180E VLF/EM anomaly is coincident with the northwesterly trending mag high that is possibly the contact between the andesite/basalt and the diorite intrusive. It too warrants further sampling and mapping. The property warrants further evaluation, an extension of the A-grid to the north, and a geosurvey of the B-grid.

L.Lutjen for: Barnes Creek Minerals Corporation.



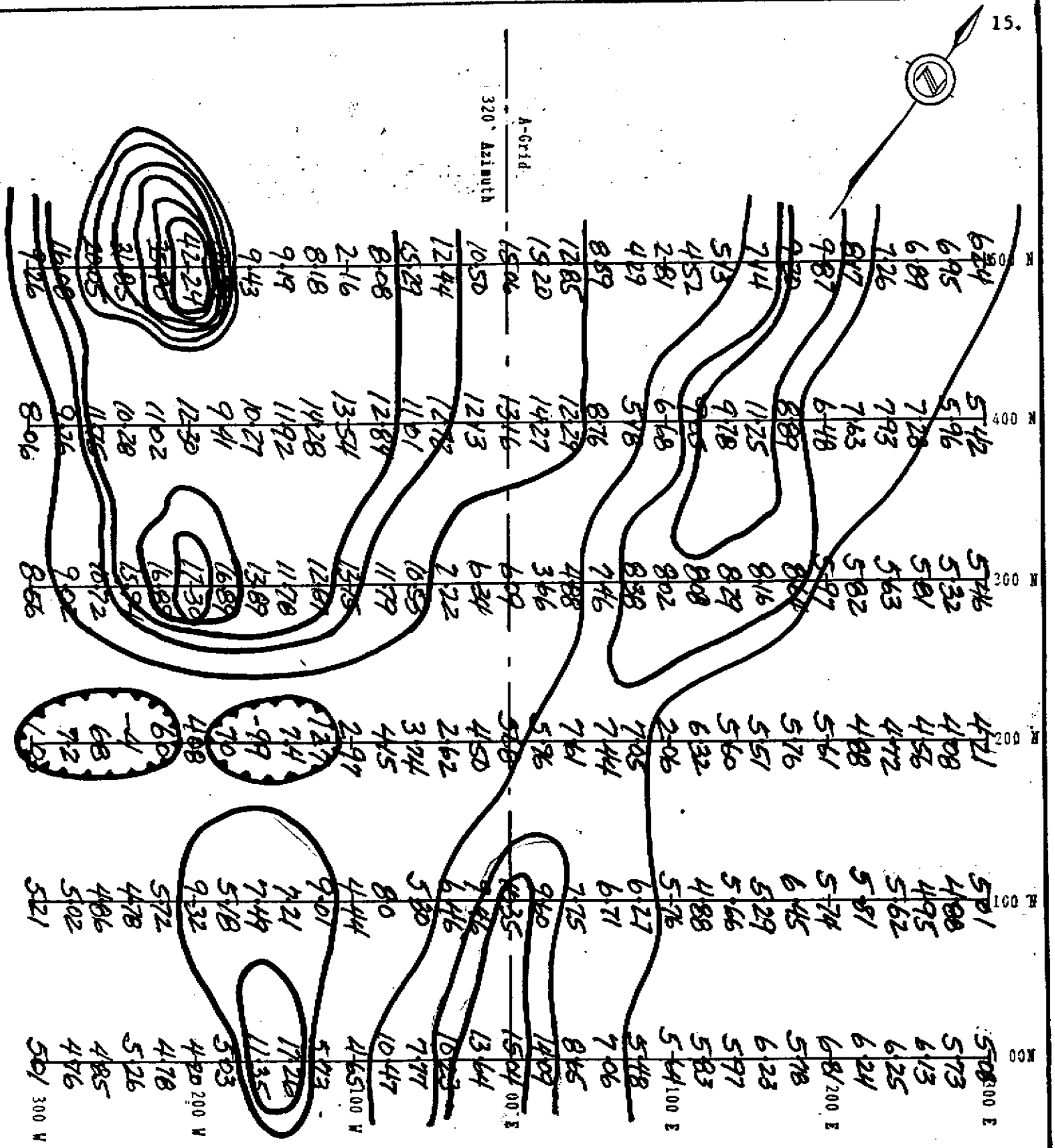

TM Claims (5Nx4W)

| BARNES CREEK MINERALS CORP. | | |
|---|---|---|
| TM Claims<br>A & B Grid Location Map. | | |
| 92I/2 | KM MN DV | Dwn: LDL |
| 1:10,000 | NOV 1994 | Fig. 1 |



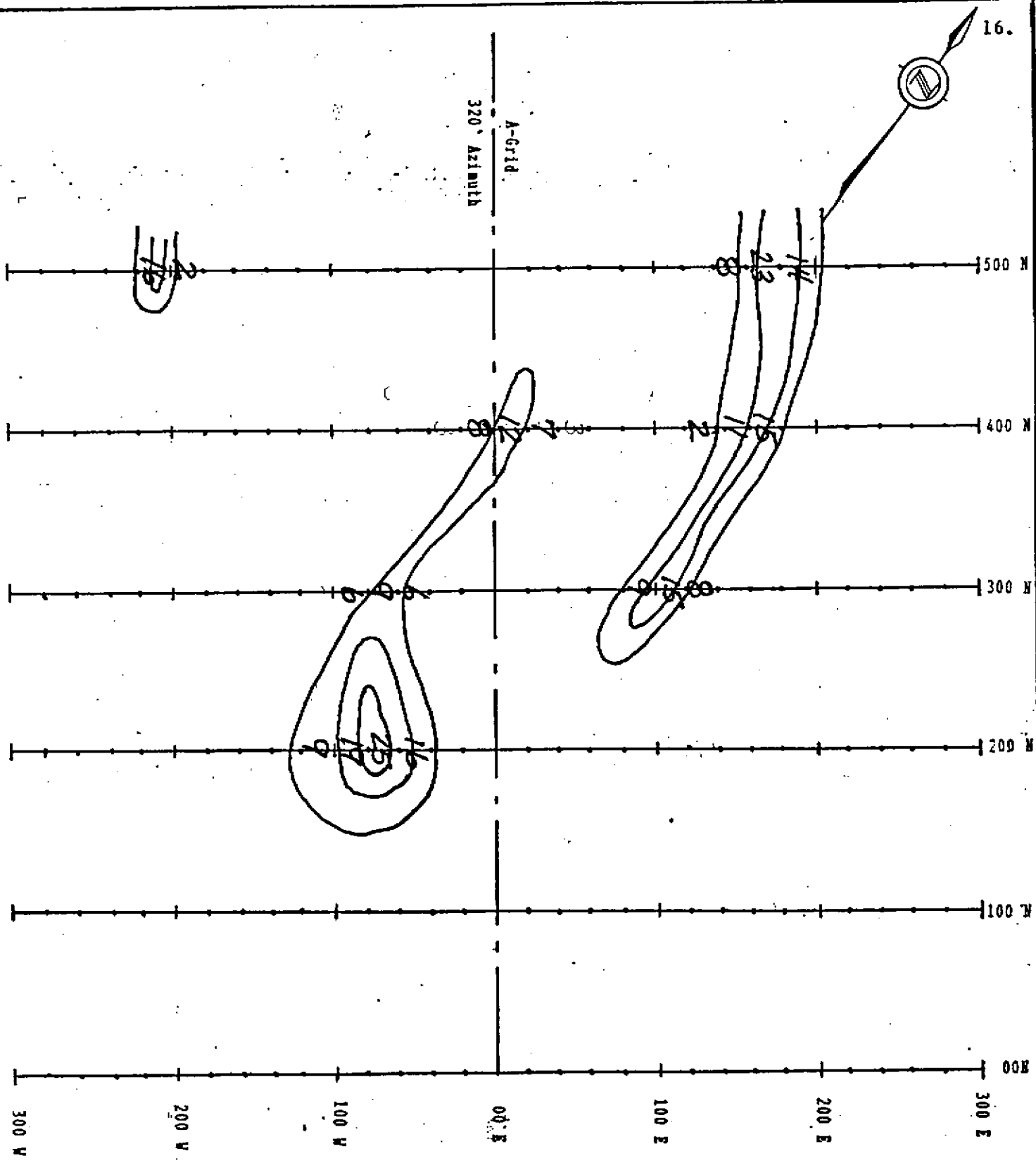

Cu - 30 to 40ppm = background
Cu - 55ppm and greater = anomalous
(all measurements in meters)

| BARNES CREEK MINERALS CORP. | | |
|---|---|---|
| TM Claim<br>Copper in Soil Anomaly | | |
| 92I/2 | Km Mn Dv | Dwn:LDL |
| 1:16,666 | Nov 94 | Fig.2a |




All reading done on the 21th and 22nd of October 1994 and normalized to 56,000 gamma's (i.e.56,700-56,000=700). All readings were corrected for diurnal shifts by factoring the drift against time using a magnetometer base station. The instrument used was a Geometrics 816G proton mag. Ser.#6424.

| BARNES CREEK MINERALS CORP. | | |
|---|---|---|
| TM Claim<br>Magnetometer Survey | | |
| 92I/2 | Km Mn Dv | Dwn:LDL |
| 1:16,666 | Nov 94 | Fig.2 b |




All readings were done on the 25th and 26th of October 1994 using Cutler,Maine at 17.8 Khz and filtered using the D.C.Fraser technique (Geophysics, V.34 No.6 pg.958-967). All measurements are in meters and only the positive values were contoured.

| BARNES CREEK MINERALS CORP. | | |
|---|---|---|
| TM Claim<br>VLF/EM Survey 1994 | | |
| 92I/2 | Km Mn Dv | Dwn:LDL |
| 1:16,666 | Nov 94 | Fig.2c |

November 8, 1994

To: Acme Analytical Laboratory
852 East Hastings
Vancouver, B.C.
V6A 1R6

Attention: Clarence Leong - (604) 253-3158

From: Richard Lodmell - (604) 851-0795
Box 1192
Kamloops, B.C.
V2C 6H3

Re: British Columbia Prospectors Assistance Program Reference No. 94-95-P75

TM Claim tenure number 331970 geochemical analysis

Dear Clarence,

Please conduct a 31 element I.C.P. analysis on soil samples from lines 00N to 600N with 40 meter stations 200E to 200W per grid line, a total of 77 samples from Grid "A" in the TM claim.

There are also 7 rock samples that need a 31 element I.C.P. analysis as well. They are: TM 180N + 180W - A Grid
TM 500N + 20W - A Grid
TM 500N + 40E - A Grid

TM 100E + 00N - B Grid
TM 200E + 00N - B Grid
TM 400E + 00N - B Grid
TM 700E + 20N - B Grid

Thank you.

Yours truly,

Richard Lodmell

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6 )253-1716

# GEOCHEMICAL ANALYSIS CERTIFICATE

Richard Lodmell File # 94-4089 Page 1

Box 1192, Kamloops BC V2C 6H3

| 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 | Tl ppm | Hg ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TM 180N+180W | <1 | 88 | <2 | 5 | .1 | 12 | 50 | 297 | 3.77 | 3 | <5 | <2 | 3 | 100 | .3 | <2 | <2 | 81 | 3.85 | .022 | 2 | 5 | .69 | 10 | .12 | <2 | 1.44 | <.01 | .01 | 1 | <5 | <1 |
| TM 500N+20W | 1 | 5 | 3 | 24 | <.1 | <1 | 8 | 438 | 4.02 | 2 | <5 | <2 | 2 | 19 | <.2 | 2 | 4 | 65 | 1.23 | .111 | 4 | 5 | .77 | 6 | .17 | <2 | 1.23 | .07 | .10 | 2 | <5 | 2 |
| TM 500N+40E | <1 | 331 | <2 | 47 | <.1 | 17 | 22 | 332 | 4.50 | <2 | <5 | <2 | <2 | 69 | .5 | 4 | <2 | 174 | 1.66 | .048 | 3 | 15 | 1.36 | 26 | .16 | <2 | 2.48 | .14 | .06 | 1 | <5 | <1 |
| TM 100E+00N | 1 | 93 | 4 | 74 | <.1 | 10 | 14 | 675 | 3.74 | 3 | <5 | <2 | 4 | 52 | <.2 | <2 | <2 | 125 | 2.08 | .071 | 6 | 38 | 1.70 | 118 | .16 | <2 | 2.26 | .04 | .11 | <1 | <5 | <1 |
| TM 200E+00N | 1 | 323 | 5 | 63 | <.1 | 24 | 18 | 545 | 4.82 | <2 | <5 | <2 | 2 | 38 | <.2 | <2 | <2 | 151 | 1.57 | .083 | 9 | 38 | 1.56 | 38 | .16 | <2 | 1.62 | .06 | .13 | <1 | <5 | <1 |
| TM 400E+00N | 1 | 23 | 3 | 52 | <.1 | 19 | 13 | 438 | 3.53 | 2 | <5 | <2 | 4 | 31 | .2 | 2 | <2 | 146 | 1.37 | .117 | 10 | 30 | .89 | 81 | .14 | <2 | 1.55 | .07 | .13 | <1 | <5 | <1 |
| RE TM 400E+00N | 1 | 21 | <2 | 55 | <.1 | 16 | 11 | 444 | 3.58 | <2 | <5 | <2 | 3 | 31 | .2 | <2 | <2 | 149 | 1.38 | .117 | 10 | 30 | .90 | 78 | .14 | <2 | 1.55 | .07 | .13 | <1 | <5 | <1 |
| TM 700E+20N | <1 | 18 | 2 | 23 | <.1 | 6 | 11 | 446 | 3.24 | <2 | <5 | <2 | 5 | 34 | <.2 | 3 | <2 | 112 | 1.27 | .112 | 10 | 34 | 1.18 | 28 | .10 | <2 | 1.72 | .04 | .09 | 1 | <5 | 1 |
| STANDARD C | 20 | 58 | 40 | 128 | 6.8 | 75 | 31 | 1052 | 3.96 | 38 | 18 | 7 | 38 | 52 | 18.9 | 16 | 23 | 61 | .51 | .094 | 40 | 60 | .92 | 182 | .08 | 35 | 1.88 | .07 | .15 | 11 | <5 | 2 |

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 ROCK P2 TO P4 SOIL Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: NOV 10 1994 DATE REPORT MAILED: Nov 18/94 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 | Tl ppm | Hg ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TM 00N+200W | 1 | 50 | 7 | 92 | <.1 | 18 | 14 | 1295 | 3.29 | 3 | <5 | <2 | <2 | 62 | <.2 | <2 | 3 | 71 | 1.07 | .110 | 10 | 26 | .69 | 248 | .09 | 9 | 2.05 | .01 | .30 | <1 | <5 | <1 |
| TM 00N+160W | 1 | 59 | 3 | 93 | .1 | 28 | 14 | 1093 | 3.79 | 5 | <5 | <2 | <2 | 62 | <.2 | 3 | 4 | 81 | 1.27 | .095 | 9 | 31 | 1.11 | 188 | .09 | 9 | 2.11 | .01 | .31 | <1 | <5 | <1 |
| TM 00N+120W | 1 | 98 | 3 | 84 | .1 | 19 | 14 | 1016 | 3.41 | 7 | <5 | <2 | <2 | 105 | <.2 | <2 | <2 | 79 | 1.65 | .113 | 9 | 32 | 1.20 | 161 | .08 | 7 | 2.05 | .02 | .18 | <1 | <5 | <1 |
| TM 00N+80W | 1 | 119 | 3 | 73 | .1 | 18 | 13 | 769 | 3.75 | 5 | <5 | <2 | <2 | 155 | <.2 | <2 | <2 | 103 | 1.79 | .113 | 8 | 29 | 1.34 | 162 | .10 | 13 | 1.97 | .02 | .22 | <1 | <5 | 2 |
| TM 00N+40W | <1 | 42 | 5 | 67 | .1 | 20 | 6 | 251 | 2.18 | 7 | <5 | <2 | 2 | 183 | <.2 | 3 | <2 | 49 | 2.57 | .120 | 6 | 22 | 1.27 | 163 | .08 | 10 | 1.79 | .02 | .14 | <1 | <5 | <1 |
| TM 00N+00E | <1 | 38 | <2 | 39 | <.1 | 23 | 9 | 539 | 3.37 | 4 | <5 | <2 | 4 | 117 | .2 | <2 | 5 | 68 | 7.95 | .064 | 6 | 26 | 1.24 | 154 | .08 | 9 | 1.39 | .01 | .35 | <1 | <5 | <1 |
| TM 00N+40E | 1 | 93 | 7 | 77 | .1 | 25 | 10 | 1221 | 2.33 | 7 | <5 | <2 | <2 | 185 | .2 | <2 | <2 | 48 | 2.49 | .115 | 10 | 17 | .74 | 236 | .05 | 15 | 1.78 | .02 | .22 | <1 | <5 | <1 |
| TM 00N+80E | 1 | 60 | 5 | 124 | <.1 | 20 | 11 | 1679 | 2.97 | 11 | <5 | <2 | <2 | 144 | <.2 | <2 | <2 | 57 | 1.38 | .151 | 12 | 21 | .66 | 308 | .07 | 7 | 2.36 | .01 | .22 | <1 | <5 | 1 |
| TM 00N+120E | 1 | 62 | 8 | 143 | .1 | 15 | 12 | 1745 | 2.64 | 2 | <5 | <2 | <2 | 70 | <.2 | 2 | <2 | 50 | 1.49 | .157 | 11 | 19 | .57 | 322 | .07 | 8 | 2.11 | .01 | .23 | <1 | <5 | <1 |
| TM 00N+160E | 1 | 48 | 4 | 75 | .1 | 19 | 11 | 981 | 3.06 | 4 | <5 | <2 | <2 | 110 | <.2 | <2 | <2 | 60 | 1.43 | .066 | 10 | 23 | .69 | 231 | .08 | 11 | 2.16 | .01 | .38 | <1 | <5 | 1 |
| TM 00N+200E | 1 | 67 | 7 | 126 | .1 | 14 | 14 | 1635 | 3.31 | 4 | 5 | <2 | <2 | 70 | .2 | 4 | 3 | 64 | 1.29 | .134 | 12 | 26 | .75 | 317 | .09 | 8 | 2.47 | .01 | .35 | <1 | <5 | 1 |
| TM 100N+200W | <1 | 48 | 4 | 63 | <.1 | 24 | 23 | 1115 | 3.82 | 10 | <5 | <2 | <2 | 54 | <.2 | 2 | 2 | 87 | .96 | .066 | 8 | 20 | 1.00 | 147 | .12 | 2 | 2.79 | .02 | .20 | <1 | <5 | 1 |
| TM 100N+160W | <1 | 54 | <2 | 64 | <.1 | 22 | 17 | 1090 | 3.90 | 9 | <5 | <2 | <2 | 58 | <.2 | <2 | <2 | 91 | 1.16 | .071 | 9 | 27 | 1.00 | 174 | .11 | 3 | 2.31 | .01 | .25 | <1 | <5 | <1 |
| RE TM 100N+160W | <1 | 53 | <2 | 66 | .1 | 19 | 17 | 1096 | 3.87 | 7 | <5 | <2 | <2 | 58 | <.2 | 2 | <2 | 90 | 1.17 | .073 | 9 | 26 | 1.00 | 163 | .11 | 3 | 2.31 | .02 | .26 | <1 | <5 | <1 |
| TM 100N+120W | 1 | 61 | 8 | 83 | .1 | 17 | 13 | 1732 | 3.33 | 5 | <5 | <2 | <2 | 67 | <.2 | <2 | <2 | 66 | 1.40 | .123 | 13 | 25 | .65 | 271 | .09 | 5 | 2.69 | .02 | .26 | <1 | <5 | <1 |
| TM 100N+80W | <1 | 81 | 10 | 119 | .1 | 29 | 18 | 1846 | 4.40 | 8 | 6 | <2 | <2 | 60 | <.2 | <2 | 2 | 89 | 1.08 | .135 | 11 | 34 | 1.13 | 239 | .11 | 7 | 2.59 | .01 | .32 | <1 | <5 | <1 |
| TM 100N+40W | 1 | 46 | 7 | 109 | <.1 | 21 | 10 | 1579 | 2.80 | 8 | <5 | <2 | <2 | 103 | .7 | 3 | <2 | 54 | 1.32 | .170 | 10 | 21 | .68 | 291 | .07 | 6 | 2.28 | .01 | .25 | <1 | <5 | <1 |
| TM 100N+00E | 1 | 68 | 9 | 100 | .1 | 14 | 12 | 1613 | 2.69 | 7 | <5 | <2 | <2 | 112 | .4 | <2 | <2 | 54 | 1.68 | .134 | 11 | 19 | .85 | 189 | .06 | 3 | 1.97 | .02 | .16 | <1 | <5 | 1 |
| TM 100N+40E | 1 | 51 | 8 | 96 | <.1 | 16 | 10 | 1466 | 2.85 | 4 | <5 | <2 | <2 | 69 | .5 | 3 | <2 | 56 | 1.14 | .123 | 12 | 21 | .62 | 282 | .08 | 8 | 2.31 | .02 | .24 | <1 | <5 | 1 |
| TM 100N+80E | 1 | 64 | 5 | 88 | <.1 | 24 | 13 | 1188 | 3.90 | 8 | <5 | <2 | <2 | 56 | .6 | <2 | <2 | 77 | .99 | .087 | 12 | 34 | 1.12 | 254 | .08 | 4 | 2.61 | .01 | .36 | <1 | <5 | <1 |
| TM 100N+120E | <1 | 67 | <2 | 72 | .1 | 19 | 9 | 605 | 3.04 | 7 | <5 | <2 | <2 | 132 | .4 | 2 | <2 | 57 | 1.77 | .088 | 10 | 25 | 1.11 | 201 | .06 | 10 | 2.29 | .02 | .21 | <1 | <5 | <1 |
| TM 100N+160E | <1 | 72 | 5 | 93 | <.1 | 24 | 14 | 1166 | 4.15 | 7 | <5 | <2 | <2 | 57 | .7 | <2 | 3 | 84 | 1.00 | .083 | 12 | 33 | 1.21 | 228 | .08 | 2 | 2.63 | .01 | .38 | <1 | <5 | <1 |
| TM 100N+200E | 1 | 66 | 7 | 92 | .1 | 20 | 15 | 1199 | 4.03 | 5 | <5 | <2 | <2 | 59 | <.2 | 3 | 3 | 84 | .87 | .079 | 12 | 35 | 1.00 | 243 | .08 | 8 | 2.49 | .02 | .43 | <1 | <5 | <1 |
| TM 200N+200W | 1 | 48 | 3 | 69 | .2 | 18 | 12 | 946 | 3.84 | 8 | <5 | <2 | <2 | 49 | .5 | 5 | 3 | 88 | .84 | .072 | 10 | 34 | .94 | 153 | .10 | 10 | 2.02 | .01 | .16 | <1 | <5 | <1 |
| TM 200N+160W | <1 | 48 | 5 | 92 | .1 | 9 | 7 | 236 | 2.39 | 7 | <5 | <2 | <2 | 72 | <.2 | 4 | <2 | 45 | 1.13 | .080 | 8 | 18 | .69 | 154 | .08 | 11 | 2.20 | .03 | .12 | <1 | <5 | <1 |
| TM 200N+120W | <1 | 56 | <2 | 88 | .1 | 14 | 11 | 705 | 3.57 | 12 | <5 | <2 | <2 | 139 | <.2 | <2 | 4 | 70 | 1.27 | .066 | 9 | 29 | 1.27 | 177 | .08 | 9 | 2.31 | .01 | .42 | <1 | <5 | <1 |
| TM 200N+80W | <1 | 52 | <2 | 86 | <.1 | 30 | 12 | 818 | 3.36 | 7 | <5 | <2 | <2 | 219 | .6 | <2 | 9 | 59 | 3.59 | .076 | 8 | 26 | 1.90 | 166 | .06 | 8 | 2.18 | .03 | .28 | <1 | <5 | 1 |
| TM 200N+40W | <1 | 57 | <2 | 86 | .1 | 11 | 7 | 398 | 2.07 | 6 | 6 | <2 | 3 | 445 | .5 | <2 | <2 | 34 | 9.97 | .115 | 6 | 14 | 3.35 | 181 | .04 | 17 | 1.65 | .04 | .24 | <1 | <5 | <1 |
| TM 200N+00E | 1 | 59 | 6 | 94 | .1 | 17 | 9 | 791 | 3.22 | 10 | <5 | <2 | <2 | 121 | 1.1 | <2 | 2 | 64 | 1.33 | .095 | 10 | 26 | 1.29 | 195 | .07 | 11 | 2.47 | .02 | .38 | <1 | <5 | 2 |
| TM 200N+40E | 1 | 62 | 5 | 91 | <.1 | 20 | 10 | 1011 | 3.47 | 6 | <5 | <2 | <2 | 93 | .2 | <2 | 2 | 68 | 1.26 | .065 | 10 | 29 | 1.13 | 173 | .08 | 7 | 2.35 | .02 | .43 | <1 | <5 | 2 |
| TM 200N+80E | <1 | 75 | 6 | 98 | .1 | 23 | 16 | 1344 | 4.13 | 10 | <5 | <2 | <2 | 51 | <.2 | <2 | <2 | 86 | 1.22 | .103 | 11 | 35 | 1.14 | 230 | .09 | 12 | 2.48 | <.01 | .37 | <1 | <5 | <1 |
| TM 200N+120E | 1 | 52 | 6 | 79 | <.1 | 13 | 13 | 1162 | 3.69 | 11 | <5 | <2 | <2 | 59 | .9 | <2 | <2 | 75 | 1.05 | .089 | 11 | 30 | .98 | 232 | .08 | 6 | 2.35 | .02 | .32 | <1 | <5 | 1 |
| TM 200N+160E | 1 | 62 | 5 | 65 | .2 | 11 | 5 | 363 | 1.68 | 4 | <5 | <2 | 3 | 341 | <.2 | 4 | <2 | 27 | 10.52 | .155 | 6 | 12 | 1.29 | 193 | .03 | 17 | 1.31 | .05 | .12 | <1 | <5 | <1 |
| TM 200N+200E | <1 | 55 | 9 | 96 | .1 | 17 | 11 | 1095 | 3.49 | 5 | <5 | <2 | <2 | 63 | .8 | 2 | <2 | 71 | 1.16 | .099 | 11 | 26 | .94 | 224 | .07 | 3 | 2.19 | .02 | .36 | 1 | <5 | 2 |
| STANDARD C | 20 | 59 | 38 | 127 | 7.1 | 76 | 31 | 1091 | 4.16 | 42 | 20 | 7 | 37 | 52 | 19.3 | 14 | 21 | 62 | .50 | .097 | 41 | 60 | .91 | 188 | .09 | 33 | 1.97 | .07 | .17 | 11 | <5 | 3 |

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 | Tl ppm | Hg ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TM 300N+200W | 1 | 42 | 3 | 68 | .1 | 12 | 11 | 940 | 3.07 | 3 | <5 | <2 | 2 | 64 | <.2 | 4 | 5 | 71 | 1.29 | .084 | 8 | 25 | .75 | 168 | .10 | 9 | 1.80 | .01 | .30 | 2 | <5 | 2 |
| TM 300N+160W | 1 | 46 | 5 | 102 | <.1 | 12 | 13 | 1374 | 2.52 | 6 | <5 | <2 | <2 | 84 | .6 | 4 | <2 | 54 | 1.47 | .123 | 9 | 19 | .59 | 246 | .07 | 8 | 1.76 | .02 | .18 | 1 | <5 | <1 |
| TM 300N+120W | 1 | 44 | 5 | 78 | <.1 | 13 | 11 | 1195 | 3.02 | <2 | <5 | <2 | <2 | 75 | .5 | 3 | <2 | 67 | 1.26 | .101 | 9 | 23 | .72 | 215 | .09 | 9 | 2.04 | .02 | .26 | <1 | <5 | <1 |
| TM 300N+80W | 1 | 59 | 9 | 88 | <.1 | 13 | 17 | 1047 | 4.18 | 6 | <5 | <2 | <2 | 59 | .7 | 3 | <2 | 89 | 1.18 | .083 | 9 | 36 | 1.37 | 161 | .10 | 7 | 2.30 | .02 | .39 | <1 | <5 | <1 |
| TM 300N+40W | <1 | 87 | 6 | 84 | .1 | 10 | 9 | 524 | 2.90 | <2 | <5 | <2 | <2 | 135 | .4 | <2 | 7 | 55 | 2.05 | .075 | 10 | 22 | 1.15 | 158 | .08 | 7 | 2.29 | .04 | .15 | <1 | <5 | <1 |
| TM 300N+00E | <1 | 63 | 6 | 98 | .1 | 8 | 9 | 742 | 2.56 | 3 | <5 | <2 | <2 | 254 | .7 | 3 | <2 | 51 | 4.43 | .107 | 8 | 19 | 1.63 | 179 | .06 | 21 | 1.68 | .03 | .23 | <1 | <5 | <1 |
| TM 300N+40E | 1 | 59 | 10 | 98 | <.1 | 19 | 14 | 1119 | 4.01 | <2 | <5 | <2 | <2 | 60 | .6 | <2 | <2 | 86 | 1.06 | .076 | 11 | 34 | 1.02 | 202 | .11 | 4 | 2.42 | .02 | .35 | <1 | <5 | <1 |
| TM 300N+80E | 1 | 57 | 6 | 84 | <.1 | 12 | 14 | 1139 | 3.89 | 2 | <5 | <2 | <2 | 51 | .7 | 4 | 4 | 86 | .89 | .072 | 10 | 29 | .86 | 209 | .11 | 10 | 2.39 | .02 | .34 | <1 | <5 | <1 |
| TM 300N+120E | <1 | 53 | 11 | 94 | <.1 | 24 | 12 | 1073 | 3.81 | 4 | <5 | <2 | <2 | 46 | 1.0 | 2 | <2 | 80 | .98 | .075 | 11 | 31 | .89 | 198 | .11 | 5 | 2.54 | .02 | .37 | <1 | <5 | <1 |
| TM 300N+160E | <1 | 43 | 8 | 102 | <.1 | 15 | 14 | 1140 | 3.62 | <2 | <5 | <2 | <2 | 49 | .7 | 3 | <2 | 77 | .87 | .072 | 11 | 31 | .79 | 209 | .09 | <2 | 2.35 | .02 | .27 | <1 | <5 | <1 |
| TM 300N+200E | <1 | 55 | 4 | 95 | .1 | 17 | 9 | 669 | 3.09 | <2 | <5 | <2 | <2 | 154 | .5 | 2 | <2 | 62 | 3.08 | .071 | 9 | 25 | 1.21 | 163 | .08 | 11 | 2.05 | .03 | .32 | <1 | <5 | <1 |
| TM 400N+200W | 1 | 45 | 6 | 130 | .1 | 8 | 13 | 2205 | 3.24 | <2 | <5 | <2 | <2 | 54 | .7 | 6 | <2 | 69 | .91 | .073 | 11 | 20 | .64 | 268 | .13 | 7 | 2.55 | .03 | .27 | <1 | <5 | <1 |
| TM 400N+160W | 1 | 50 | 8 | 124 | .1 | 13 | 13 | 2547 | 2.68 | <2 | <5 | <2 | <2 | 59 | 1.2 | <2 | <2 | 60 | 1.32 | .114 | 8 | 14 | .61 | 315 | .09 | 7 | 2.10 | .02 | .23 | <1 | <5 | <1 |
| TM 400N+120W | 1 | 48 | 8 | 125 | <.1 | 11 | 11 | 2091 | 2.65 | 2 | <5 | <2 | <2 | 63 | .7 | <2 | <2 | 59 | 1.16 | .123 | 8 | 14 | .54 | 276 | .10 | 5 | 2.30 | .02 | .20 | <1 | <5 | 1 |
| TM 400N+80W | <1 | 53 | 6 | 110 | <.1 | 10 | 12 | 1514 | 3.11 | 2 | <5 | <2 | <2 | 59 | .5 | <2 | 3 | 66 | 1.13 | .148 | 11 | 16 | .65 | 295 | .13 | <2 | 3.12 | .03 | .31 | <1 | <5 | <1 |
| RE TM 400N+80W | <1 | 51 | 6 | 115 | .1 | 11 | 11 | 1481 | 3.10 | <2 | <5 | <2 | <2 | 56 | .5 | 2 | <2 | 67 | 1.11 | .146 | 10 | 17 | .64 | 277 | .13 | 6 | 3.02 | .02 | .31 | <1 | <5 | <1 |
| TM 400N+40W | 1 | 45 | 4 | 128 | .1 | 6 | 10 | 2002 | 1.72 | 2 | <5 | <2 | <2 | 131 | .6 | <2 | <2 | 38 | 1.92 | .204 | 7 | 9 | .46 | 287 | .06 | 5 | 1.60 | .01 | .16 | <1 | <5 | <1 |
| TM 400N+00E | 1 | 49 | 9 | 103 | .1 | 10 | 9 | 1607 | 2.03 | <2 | <5 | <2 | <2 | 124 | .8 | 2 | <2 | 44 | 1.87 | .170 | 8 | 11 | .50 | 283 | .07 | 9 | 1.77 | .01 | .17 | <1 | <5 | <1 |
| TM 400N+40E | 1 | 60 | 7 | 97 | .2 | 14 | 11 | 2259 | 2.26 | <2 | <5 | <2 | <2 | 141 | .7 | 3 | 5 | 46 | 1.91 | .159 | 10 | 14 | .52 | 381 | .06 | 6 | 1.82 | .02 | .18 | <1 | <5 | <1 |
| TM 400N+80E | 1 | 67 | 12 | 97 | .1 | 16 | 15 | 1338 | 3.45 | 9 | <5 | <2 | <2 | 136 | .7 | 3 | <2 | 72 | 1.23 | .068 | 11 | 27 | .88 | 248 | .09 | 8 | 2.30 | .02 | .37 | <1 | <5 | <1 |
| TM 400N+120E | <1 | 52 | 5 | 90 | <.1 | 21 | 13 | 1124 | 3.35 | <2 | <5 | <2 | <2 | 83 | .5 | <2 | 4 | 67 | 1.04 | .084 | 12 | 28 | .86 | 252 | .09 | 7 | 2.56 | .02 | .45 | 1 | <5 | <1 |
| TM 400N+160E | <1 | 44 | 7 | 117 | .1 | 11 | 11 | 1183 | 3.44 | <2 | <5 | <2 | <2 | 48 | <.2 | 2 | 6 | 67 | .86 | .074 | 10 | 24 | .78 | 242 | .09 | <2 | 2.35 | .01 | .45 | <1 | <5 | <1 |
| TM 400N+200E | 1 | 43 | 6 | 63 | .2 | 11 | 11 | 1032 | 2.55 | 3 | <5 | <2 | <2 | 130 | .4 | <2 | <2 | 50 | 1.72 | .050 | 9 | 21 | .75 | 209 | .08 | 6 | 1.94 | .02 | .23 | <1 | <5 | 1 |
| TM 500N+200W | <1 | 24 | 6 | 113 | .1 | 9 | 9 | 1665 | 2.18 | <2 | <5 | <2 | <2 | 32 | .9 | <2 | <2 | 51 | .40 | .141 | 7 | 13 | .33 | 189 | .11 | <2 | 1.94 | .03 | .12 | <1 | <5 | <1 |
| TM 500N+160W | <1 | 25 | 4 | 97 | <.1 | 9 | 8 | 712 | 2.54 | <2 | <5 | <2 | <2 | 31 | .3 | 3 | <2 | 59 | .40 | .073 | 5 | 13 | .60 | 144 | .16 | 4 | 2.32 | .04 | .13 | <1 | <5 | 1 |
| TM 500N+120W | 1 | 20 | 8 | 89 | <.1 | 7 | 6 | 844 | 1.79 | <2 | <5 | <2 | <2 | 40 | <.2 | <2 | 3 | 35 | .65 | .101 | 5 | 12 | .33 | 156 | .07 | 2 | 1.65 | .02 | .25 | <1 | <5 | <1 |
| TM 500N+80W | <1 | 63 | 7 | 105 | <.1 | 20 | 15 | 1327 | 4.39 | <2 | <5 | <2 | <2 | 34 | <.2 | 2 | 8 | 90 | .69 | .079 | 9 | 30 | 1.01 | 181 | .10 | <2 | 2.19 | .02 | .38 | <1 | <5 | <1 |
| TM 500N+40W | <1 | 62 | 11 | 104 | .1 | 17 | 13 | 1141 | 4.25 | <2 | <5 | <2 | <2 | 42 | .3 | <2 | 3 | 89 | .96 | .084 | 10 | 31 | .97 | 179 | .10 | 4 | 2.31 | .02 | .47 | <1 | <5 | <1 |
| TM 500N+00E | 1 | 61 | 10 | 99 | <.1 | 19 | 13 | 1125 | 3.79 | 2 | <5 | <2 | <2 | 57 | .6 | 3 | <2 | 80 | 1.14 | .094 | 9 | 34 | 1.01 | 162 | .10 | 7 | 2.09 | .01 | .48 | <1 | <5 | 1 |
| TM 500N+40E | <1 | 59 | 10 | 122 | .1 | 19 | 14 | 1195 | 3.80 | <2 | <5 | <2 | <2 | 56 | .4 | <2 | <2 | 78 | 1.18 | .093 | 10 | 34 | .92 | 192 | .11 | 4 | 2.30 | .01 | .50 | <1 | <5 | <1 |
| TM 500N+80E | <1 | 53 | 7 | 127 | .1 | 20 | 12 | 1278 | 3.53 | 4 | <5 | <2 | <2 | 56 | .5 | 2 | <2 | 72 | 1.21 | .105 | 10 | 32 | .82 | 227 | .10 | 7 | 2.29 | .02 | .48 | <1 | <5 | 1 |
| TM 500N+120E | 1 | 32 | 6 | 83 | .2 | 11 | 10 | 963 | 2.25 | 3 | <5 | <2 | <2 | 98 | .6 | 4 | <2 | 44 | 1.49 | .066 | 8 | 17 | .53 | 229 | .07 | 10 | 1.89 | .02 | .30 | <1 | <5 | <1 |
| TM 500N+160E | <1 | 38 | 10 | 90 | .2 | 21 | 12 | 1076 | 3.21 | 2 | <5 | <2 | <2 | 61 | .4 | 3 | 4 | 67 | 1.02 | .073 | 10 | 29 | .74 | 219 | .09 | 5 | 2.35 | .01 | .34 | <1 | <5 | <1 |
| TM 500N+200E | <1 | 35 | 9 | 86 | <.1 | 15 | 10 | 993 | 3.06 | <2 | <5 | <2 | <2 | 50 | <.2 | <2 | 6 | 63 | .87 | .062 | 11 | 28 | .71 | 224 | .09 | 3 | 2.26 | .02 | .28 | <1 | <5 | <1 |
| STANDARD C | 19 | 58 | 42 | 130 | 6.9 | 73 | 32 | 1049 | 3.96 | 41 | 20 | 7 | 34 | 54 | 17.7 | 14 | 18 | 62 | .49 | .090 | 40 | 61 | .92 | 177 | .09 | 34 | 1.88 | .06 | .15 | 12 | <5 | 2 |

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 | Tl ppm | Hg ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TM 600N+200W | <1 | 20 | 4 | 107 | <.1 | 3 | 8 | 1509 | 1.92 | <2 | <5 | <2 | <2 | 27 | <.2 | 4 | <2 | 45 | .39 | .138 | 5 | 10 | .28 | 179 | .09 | <2 | 1.71 | .04 | .11 | <1 | <5 | <1 |
| TM 600N+160W | <1 | 26 | 2 | 107 | <.1 | 7 | 8 | 1131 | 2.54 | <2 | <5 | <2 | <2 | 35 | <.2 | 7 | <2 | 56 | .49 | .054 | 5 | 13 | .60 | 181 | .15 | <2 | 2.40 | .03 | .19 | <1 | <5 | <1 |
| TM 600N+120W | 2 | 20 | 3 | 118 | <.1 | 9 | 5 | 919 | 1.70 | <2 | <5 | <2 | <2 | 40 | .5 | 4 | 3 | 30 | .69 | .117 | 5 | 12 | .32 | 169 | .07 | <2 | 1.70 | .02 | .31 | <1 | <5 | 1 |
| TM 600N+80W | 1 | 53 | <2 | 99 | <.1 | 15 | 14 | 1220 | 4.26 | <2 | <5 | <2 | <2 | 31 | .3 | <2 | 5 | 89 | .65 | .075 | 8 | 31 | .97 | 166 | .10 | <2 | 2.04 | .01 | .37 | <1 | <5 | <1 |
| TM 600N+40W | <1 | 60 | <2 | 92 | .1 | 25 | 14 | 1074 | 4.06 | 3 | <5 | <2 | <2 | 39 | <.2 | 3 | <2 | 83 | .93 | .085 | 9 | 30 | .93 | 182 | .10 | <2 | 2.23 | .01 | .48 | <1 | <5 | 1 |
| TM 600N+00E | 1 | 58 | <2 | 89 | <.1 | 25 | 14 | 1092 | 3.73 | 4 | <5 | <2 | <2 | 55 | .3 | 4 | <2 | 76 | 1.12 | .095 | 8 | 34 | .99 | 176 | .09 | <2 | 2.13 | .01 | .50 | <1 | <5 | <1 |
| TM 600N+40E | 1 | 52 | 7 | 100 | .1 | 18 | 12 | 1075 | 3.30 | <2 | <5 | <2 | <2 | 48 | <.2 | 8 | 2 | 66 | 1.06 | .084 | 9 | 30 | .80 | 184 | .09 | <2 | 2.06 | .02 | .46 | 1 | <5 | <1 |
| RE TM 600N+40E | <1 | 52 | 3 | 101 | <.1 | 20 | 13 | 1073 | 3.38 | <2 | <5 | <2 | 2 | 48 | .4 | 5 | <2 | 68 | 1.04 | .084 | 9 | 30 | .80 | 179 | .09 | <2 | 2.07 | .01 | .47 | <1 | <5 | <1 |
| TM 600N+80E | <1 | 47 | 4 | 119 | .1 | 18 | 11 | 1157 | 3.16 | <2 | <5 | <2 | <2 | 49 | <.2 | 7 | <2 | 62 | 1.11 | .101 | 9 | 29 | .73 | 225 | .08 | <2 | 2.10 | .01 | .46 | <1 | <5 | 2 |
| TM 600N+120E | 1 | 31 | 2 | 79 | .1 | 5 | 11 | 985 | 2.15 | <2 | <5 | <2 | <2 | 93 | .5 | 2 | <2 | 38 | 1.39 | .060 | 8 | 16 | .50 | 255 | .07 | <2 | 1.96 | .02 | .32 | <1 | <5 | <1 |
| TM 600N+160E | 1 | 33 | 9 | 87 | <.1 | 16 | 13 | 1016 | 3.07 | <2 | <5 | <2 | <2 | 53 | .2 | 4 | <2 | 62 | .93 | .070 | 9 | 27 | .71 | 232 | .09 | <2 | 2.24 | .02 | .36 | <1 | <5 | 1 |
| TM 600N+200E | 1 | 30 | 3 | 90 | <.1 | 12 | 12 | 1003 | 2.92 | <2 | <5 | <2 | 2 | 47 | .2 | 5 | 6 | 58 | .85 | .064 | 9 | 26 | .67 | 225 | .08 | <2 | 2.18 | .02 | .30 | <1 | <5 | 1 |
| STANDARD C | 20 | 58 | 40 | 128 | 6.8 | 75 | 31 | 1052 | 3.96 | 38 | 18 | 7 | 38 | 52 | 18.9 | 16 | 23 | 61 | .51 | .094 | 40 | 60 | .92 | 182 | .08 | 35 | 1.88 | .07 | .15 | 11 | <5 | 2 |

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

Cu - 30 to 40 ppm = BACKGROUND

Cu > 55 ppm = ANOMALY

18d.