

June 16/86

520581

SUBMITTAL REPORT

Property: Kara - 8 units.

Owner: B.K. Bowen / 585-1739
Surrey, B.C.

Author: B.K. Bowen, P.Eng.

Date: 4 June, 1986

Commodities: Gold, Copper

Location: Area Aspen Grove, B.C.
Mining District Nicola
Co-ordinates 49° 48' N
120° 31' W
NTS 92H/15E

Deal - gutstake soil collection & analysis costs

\$1,000

(should also collect some rocks)

- then 30 day decision period

\$10,000^{1st} payment after
annual payment

\$10,000

15,000

25,000

35,000

50,000

5 yr work commitment \$1 mt

then 10% NPI

→ 100% interest

buyout clause \$1.5 m at WEN 1/2 decision.

50,000
100,000
150,000
300,000
400,000

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SUMMARY STATEMENT

The Kara property lies within a belt of Upper Triassic and Lower Jurassic volcanic rocks and comagmatic alkaline plutons which is host to the recently discovered Quesnel River Au - (Cu) deposit and several significant alkaline porphyry Cu - (Au) deposits.

On the Kara property, a 1973 grid program of ground magnetometer and soil geochemical surveys outlined a northerly trending area of interest 300 m wide by 1300 m long. It is open to the south.

The area of interest includes several Cu occurrences, a number of Cu anomalous soil areas 50 - 100 metres wide and several hundred metres long and a cluster of small magnetic highs. It is underlain mainly by Nicola volcanic rocks which are in contact with a high level comagmatic monzonite stock.

CONCLUSIONS

The Kara property represents an excellent opportunity for the selective buyer to acquire a well located, easily workable prospect that has the potential to host a Au - (Cu) deposit in an alkalic environment similar to that at Quesnel River.

Exploration activity during the porphyry boom of the 1960's and early 1970's was almost exclusively directed towards Cu (and Mo). The Kara property is no exception. Soil samples were analyzed for Cu only and to the writer's knowledge, there has been no systematic exploration for Au. In the light of the higher (0.20 oz. per ton) Au values at Quesnel River and the approximate x10 increase in the price of Au from the early 1970's to present, further work on the Kara property is certainly justified.

INTRODUCTION

The Kara property is located on the northeast side of Missezula Lake about 18 kilometres southeast of Aspen Grove, B.C. Access to the property from Hwy. 5 is via 10 kilometres of 2 wheel drive gravel road. An old logging road on the property provides easy walking access to the main area of interest.

With the opening of the new Coquihalla Hwy., freeway driving time from Vancouver to the Merritt area is now a very convenient 2.5 to 3 hours.

The property presently consists of the 3 unit Kara 1 claim which is 100% owned by B.K. Bowen of Surrey, B.C. Expiry date is April 29, 1987.

Property terrain is generally relatively flat lying, except near the shore of Missezula Lake and along the lower reaches of Conglin Creek where it is moderately to steeply sloping. Elevations range from about 1000 to 1150 metres.

HISTORY AND DEVELOPMENT

Copper occurrences in the Aspen Grove area have seen intermittent exploration activity since the beginning of the century but, though a large number of occurrences have been discovered and some extensively explored, production to date has been minimal.

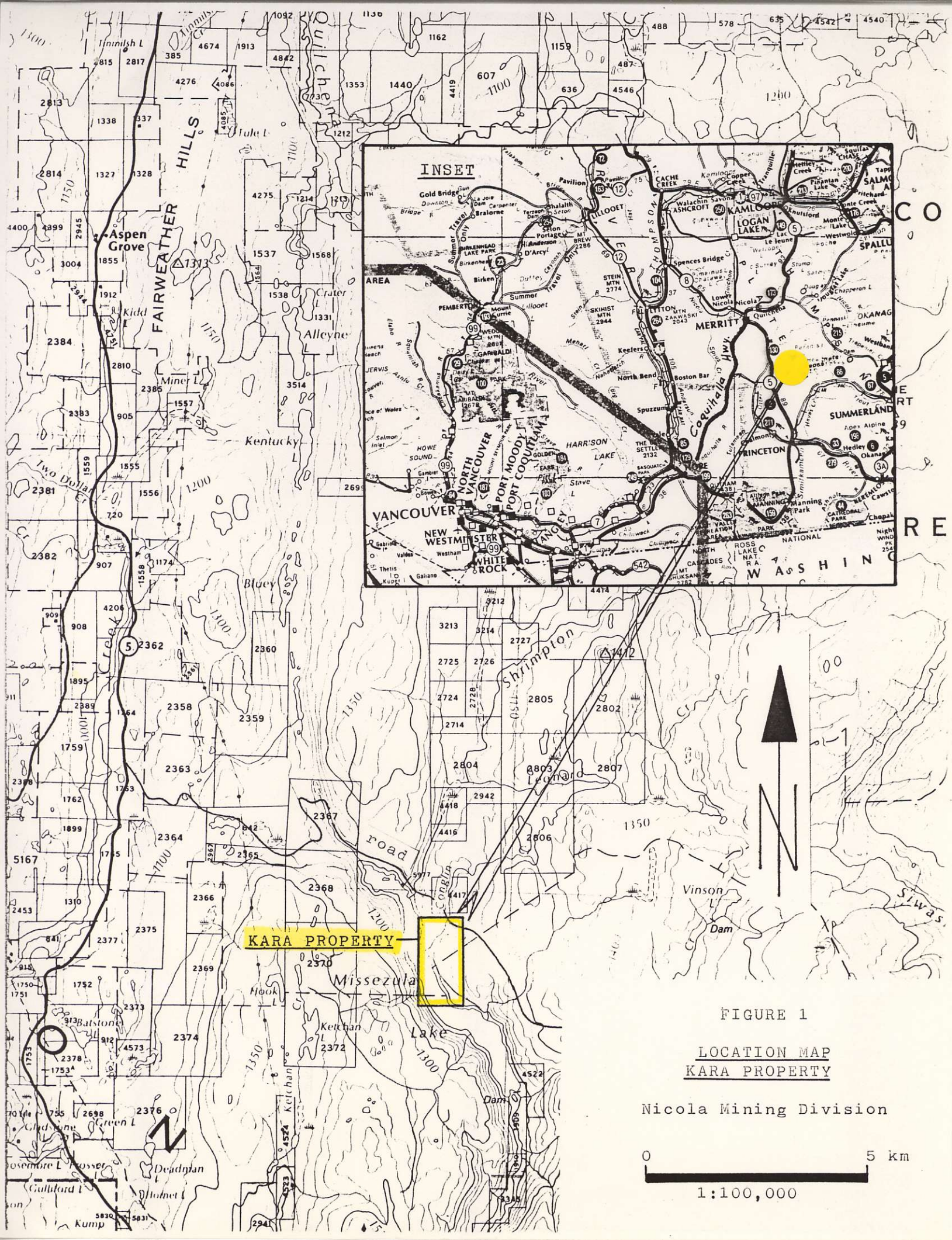
In 1973, Scope Exploration Services of Merritt, B.C. carried out a grid program of ground magnetometer and soil geochemical surveys in the immediate vicinity of the present Kara property. No further work was done and the claims were eventually allowed to lapse.

From 1973 - 85 the above area was restaked at least one more time but no significant work was done (or recorded) and the claims were again allowed to lapse. Current field work by the writer has been confined to the staking of the Kara 1 claim in April of 1986.

REGIONAL SETTING

The property lies within a northwest trending belt of Upper Triassic and Lower Jurassic volcanic rocks and comagmatic alkaline plutons which extends from the U.S. border into northern B.C.

The belt is host to Dome Mines' GR (Quesnel River) Au - (Cu)



KARA PROPERTY

FIGURE 1

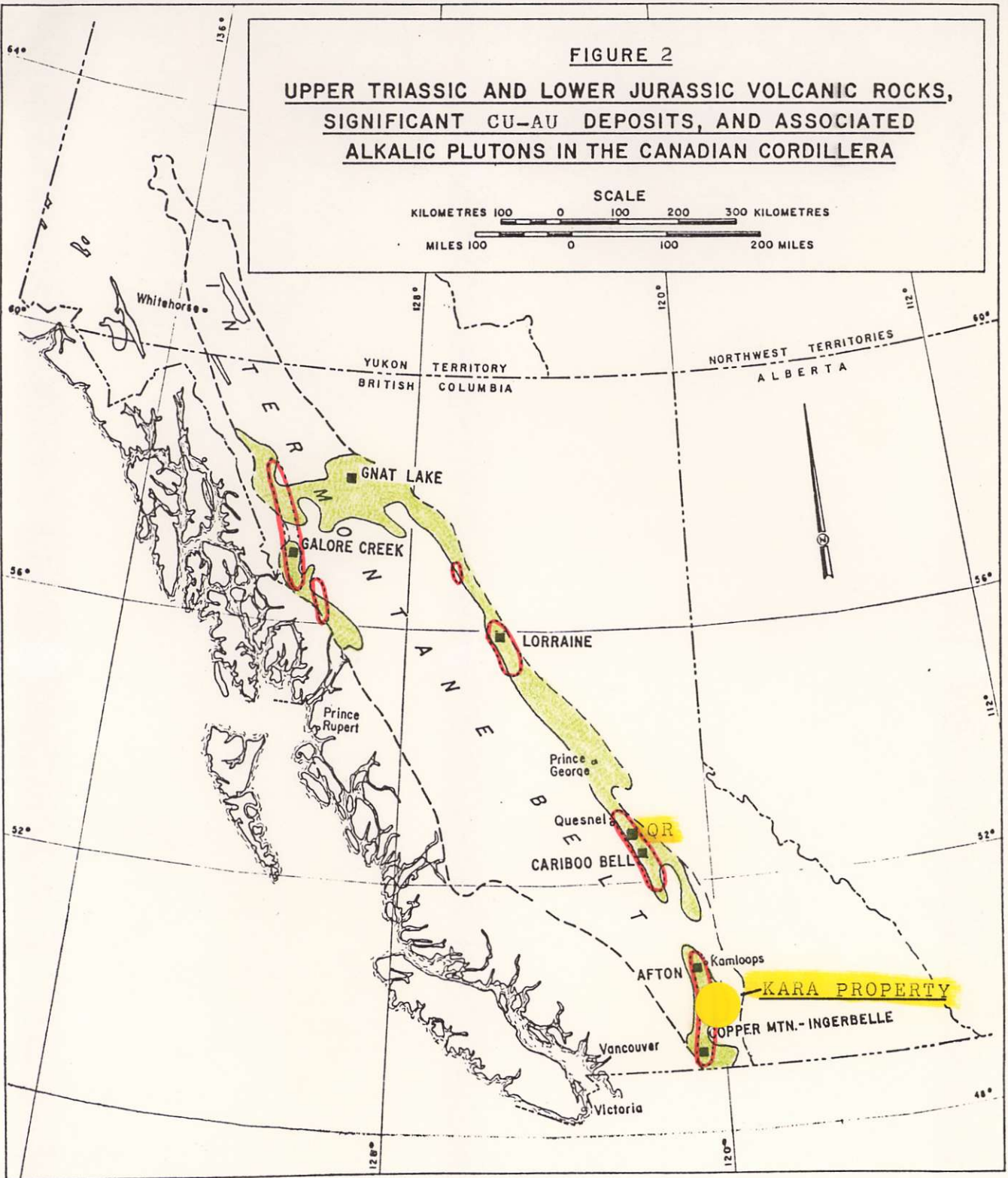
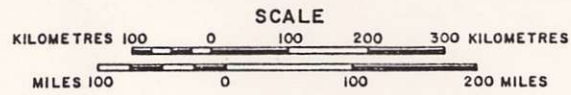
LOCATION MAP
KARA PROPERTY

Nicola Mining Division




0 5 km

1:100,000

FIGURE 2
UPPER TRIASSIC AND LOWER JURASSIC VOLCANIC ROCKS,
SIGNIFICANT CU-AU DEPOSITS, AND ASSOCIATED
ALKALIC PLUTONS IN THE CANADIAN CORDILLERA



LEGEND

-  Upper Triassic and Lower Jurassic alkaline and calc-alkaline volcanic rocks; minor sediments
-  Alkaline plutonic belt
-  Property location

deposit (1 million tons at 0.20 oz. Au/ton) which occurs in altered calcareous basalts adjacent to a syenite plug. A recently completed major drill program on a second Au zone is expected to substantially expand the reserve figure.

The belt is also host to several alkaline porphyry Cu deposits including Copper Mountain - Ingerbelle, Afton and Cariboo Bell. In these deposits, Au and Ag are present in significant amounts (eg. past production to date from Copper Mountain - Ingerbelle exceeds 0.5 million oz. Au and 5 million oz. Ag).

LOCAL GEOLOGY

There is no record of any detailed geological mapping having been carried out in the immediate vicinity of the Kara 1 claim. 1:50,000 mapping by V.A. Preto (B.C. Department of Mines, 1972-75) shows the claim area to be straddling the contact between Nicola volcanic rocks to the west and a high level comagmatic monzonite stock to the east. A linear structure of regional extent is shown by Preto to underlie Missezula Lake.

Several Cu occurrences of undetermined extent were located by Scope Explorations during the course of the 1973 grid program. Preto and earlier government workers have described the mineralization as Py, Cpy and minor Bo in veinlets and as fine disseminations in volcanic rocks of the Nicola group.

SOIL GEOCHEMISTRY

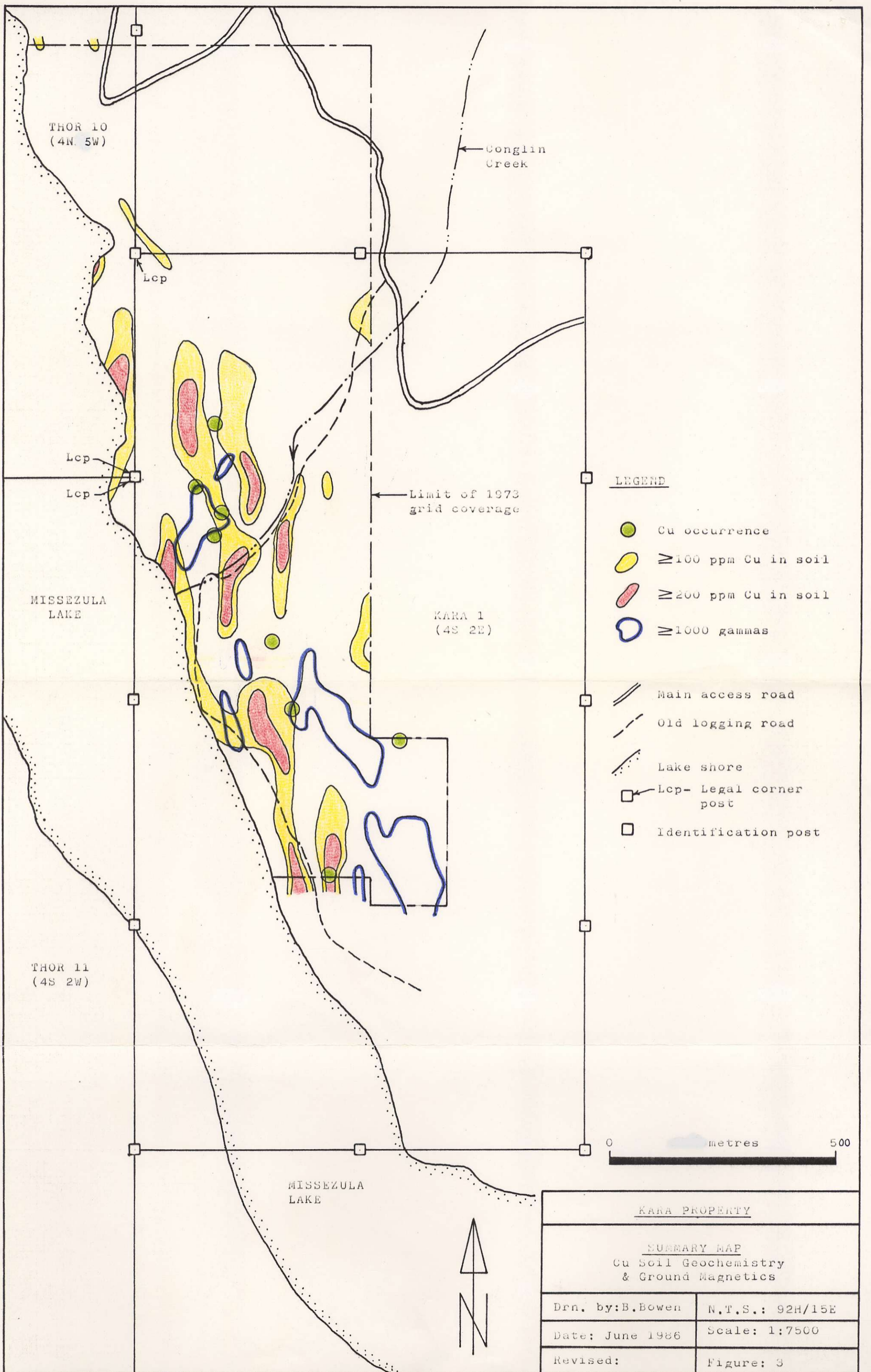
Scope's 1973 geochemical soil survey was carried out on 400 foot spaced crosslines with a 100 foot sample interval along the line. A total of 278 samples were collected and analyzed for Cu only. The results of the survey indicate the presence of anomalous (≥ 100 ppm) concentrations of Cu in several subparallel zones which are in the order of 50 - 100 metres wide and several hundred metres long. There appears to be general agreement between the location of known mineral occurrences and anomalous soil areas.

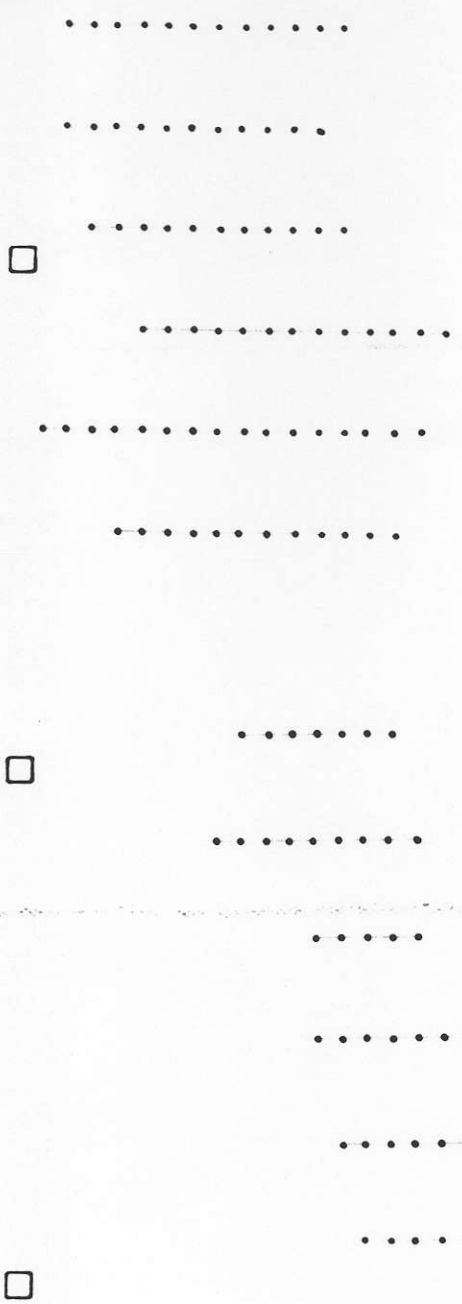
GROUND MAGNETICS

A total of 7.5 miles of ground magnetometer survey was carried out on Scope's 1973 grid. The main feature of interest is a cluster of small magnetic highs which roughly coincide with the areas of anomalous soils and known Cu occurrences. The positive magnetic features may be reflecting in part a portion of the main monzonite plug mapped by Preto. Smaller related intrusive features such as apophosies, dikes and sills extending into the host Nicola volcanic rocks may also be contributing to the above magnetic highs.

REFERENCES

- H.M.A. RICE Geology and Mineral Deposits of the
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- W.G. HAINSWORTH Geochemical and Geophysical Report
on the Miss Claim Group, Nicola M.D.,
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- V.A. PRETO Geology of the Nicola Group between
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Bulletin 69, 1979.





BARA PROPERTY

OVERLAY FOR
PROPOSED SOIL SAMPLING

- line spacing: 100m
- sample interval: 25m
- line km: 3 approx.
- total samples: 125
- analyze for: Au
- assay cost: \$625 approx.

