

86-36-14472

Prospectors Report

Handy I Mineral Claim
Cariboo Mining Division

Latitude 53° ~~05'~~ ^{93 G/1E} ~~05.5'~~ Longitude 122° ~~07.7'~~ ^{07.7'}

For
R. Gobbi
Owner/Operator

By
Dirk Moraal
Consultant

FILMED

Record Number 6721(2)

Quesnel, Jan. 15, 1985

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,472

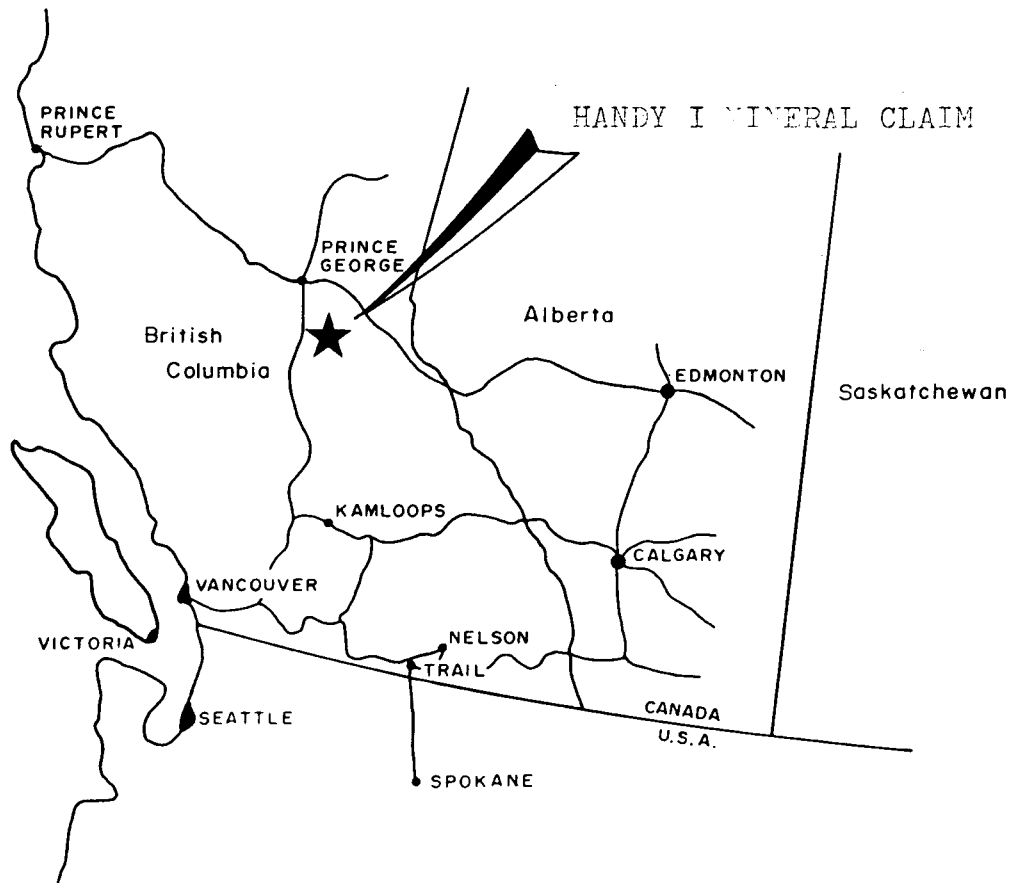
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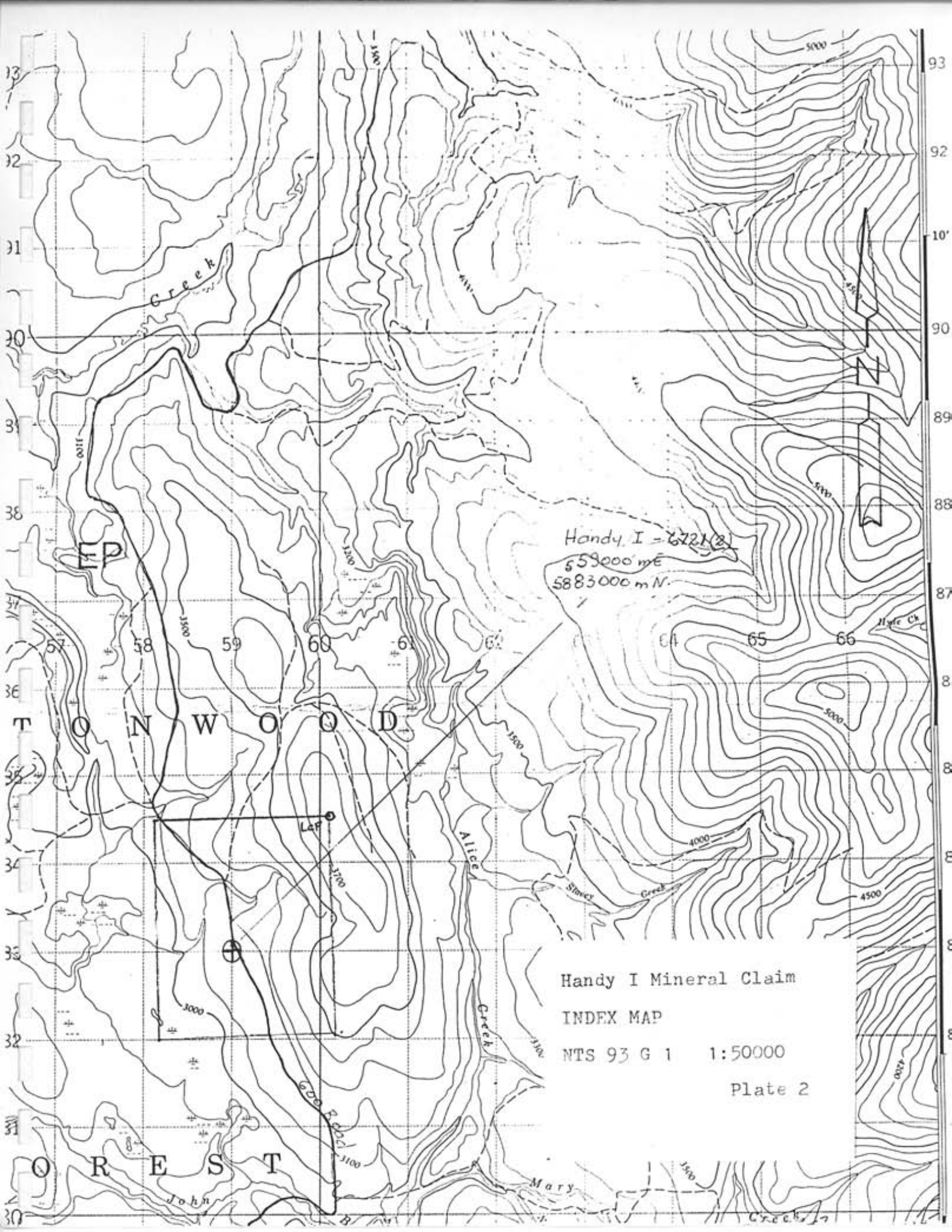
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Figure 1



HANDY I MINERAL CLAIM	
Cariboo Mining Division	
LOCATION MAP	
Scale: 1:12,000,000	Date: Jan, 1986
NTS: 93 G/1E	Drawn by: P.J.M.



Handy I - 6721(2)
559000 m E
5883000 m N

Handy I Mineral Claim

INDEX MAP

NTS 93 G 1 1:50000

Plate 2

1.0 Introduction

This report has been prepared at the request of Mr. R. Gobbi who supplied the information contained herein.

The Handy I mineral claim, consisting of 20 units staked under the modified grid system, is believed to be on strike to the North west of the Toop gold mine, and therefore of economic importance since recent discovery of sulphides and gold in hydrothermally altered tuffs, and gold in pyrites in strata-bound black shales, these latter occurring on alienated ground on the east side of the claim block.

The writer has spent considerable time in the area, and was present during diamond drilling and geophysical surveys carried out during 1985. Some of this information has been taken into account when formulating opinions about the Handy I claim.

This report is respectfully submitted for assessment purposes.

2.0 Location, access, and topography

The Handy I mineral claim is located 5 Km north of the settlement of Cottonwood, 30 Km east of Quesnel B.C. on the Barkerville Hwy, and is easily reached by the 600 Road, a main forest haulage road which leaves Hwy 26 at Cottonwood. The 600 Road crosses the Handy mineral claim diagonally from east to northwest.

The claim block lies on the southwest flank of Alice Ridge, a long hill with a maximum altitude of 1140m. The gentle slope has been logged in past years and a second growth of alder and pine covers two thirds of the claim. Several old logging trails could provide additional access if cleared out with a bulldozer.

3.0 Work performed in 1985

Work on the Handy I mineral claim consisted of pace and compass traverses in an east to west direction at intervals of about 250 m.

During the traverses, surficial mapping and a preliminary geological mapping of the claim was carried out by R. Gobbi and A. Fredrickson, both prospectors.

Work was carried out between June 10 and June 18, 1985.

4.0 Ownership and Claim status

The Handy I mineral claim is wholly owned by R. Gobbi, of the city of Prince George, B.C.

Handy I Record # 6721(2) 20 units Due date Feb.5, 1986

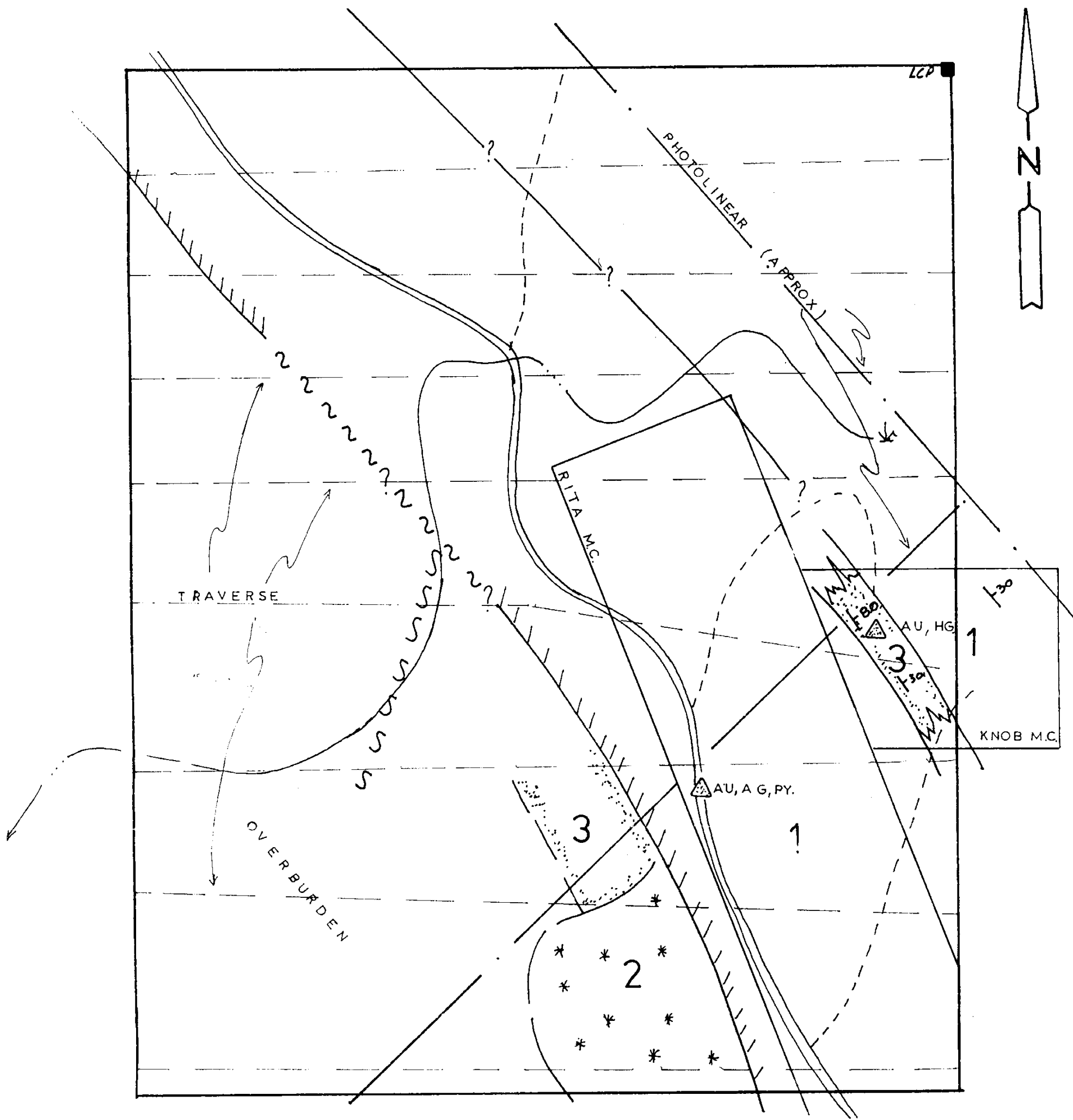
5.0 Geological Mapping

During traverses, several outcrops were discovered in the south portion of the claim, and along the east boundary.

These consisted of a dark green porphyritic augite basalt, which contacts a coarse green to rusty tufflike rock, and a grey to black argillaceous tuff, graphitic in places, dipping about 30° to the east. These black argillites appear to form a wide band striking to the northwest.

Glacial overburden covers most of the claim, to varying depths, and an apparent glacial meltwater channel with adjacent oxbow like depressions suggest that the topography does not reflect the bedrock features.

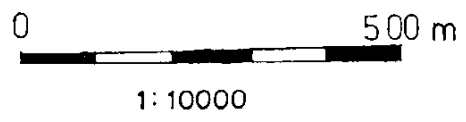
The prospectors feel that the two assumed fault traces on the west half of the claim reflect a portion of the east edge of the Cottonwood graben as suggested by M.A. ROED in 1983



- 1 Argillite
- *2 Augite porph. basalt
- 3 Tuff

- Road
- Creek
- Mineral locality
- Contact
- Fault (assumed)

HANDY I		
GEOLOGY		
&		
TRAVERSE LINES		
DATE	FIELD WORK	PLATE
JAN 1986	<i>R. Gobbi, P. Fredericksen</i>	3
MAP	NTS	
<i>D.M.</i>	93 G 1	



6.0 Conclusions and recommendations

The writer feels that the data acquired thus far is insufficient to formulate any solid opinions on the property.

However, encouraging discoveries on adjacent claims, in the form of gold in stratabound pyrite, and good assays of rock in the area which carry gold, mercury and such rare earths as osmium (this information obtained by personal communication) make further work mandatory.

Airphotographs show two linear features almost at right angles to each other, crossing over the claim. This may mean the presence of a fault system, which implies the possibility of hydrothermal alteration at depth. The presence of coarse tuffs suggest proximity to an hypothetical volcanic vent, possibly associated with the faulting noted above.

Since most of the claim is overburden covered, geophysical surveys to map the bedrock geology and define faults should be given some consideration after the establishment of a grid.

VLF EM and a concurrent magnetometer survey is a readily available method, and some success has been obtained in interpreting the EM data by means of a filtering system that produces a sectional view to a depth of $n \delta$ where $n=0.6$ of the station spacing.

These faults and the above noted photolinerars take on added importance when one notices that the two locations on the map where there is gold mineralization, are adjacent to the approximate location of the lowersouthwest to northeast trending linear.

Outcrop sampling for rock geochemistry should be carried out in a systematic fashion over the entire claim and geological mapping coverage should be tightened up. Further airphoto interpretation will aid in determining hidden faulting, and the photographs should be used for control for all further traverses.

Statement of Qualifications

I, Dirk N. Moraal, of the city of Kamloops, British Columbia, do hereby state:

1. that I am a professional prospector and geophysical operator
2. that I have been carrying out my profession continually since 1969
3. that I am a graduate of the British Columbia Department of Mines Exploration Course for prospectors
4. that I have no personal interest in the Handy I mineral claim
5. that the information in this report was provided by the owner of the mineral claim and this information was obtained during the 1985 field season.

Dirk N. Moraal

Quesnel, Jan 15, 1985

Statement of Costs

Personnel

R. Gobbi, prospector	6 days @ 100.00/day	\$ 600.00
A. Fredrickson	6 days @ 100.00/day	600.00
Camp and meals	12 man days @ 25.00/man day	300.00
Fuel	285 l @ .58¢/l	165.18
Supplies (flagging, markers, etc.)		25.00
Cost of report (includes 1 day field visit to the claim, and research)		325.00
Reproduction costs		25.00
Topographic maps	2 @ 3.75	7.44

Total \$ 2047.62

Bibliography

Assessment Report, Linecutting and Geophysics
Bar Claims, Cariboo Mining District
Dirk Moraal, 1985

Gold Placer deposits of the Cariboo
M.A. Roed 1983