

715

GEOCHEMICAL & GEOLOGICAL REPORT

ON THE PROPERTY OF

GLENN EXPLORATIONS LIMITED

OMINECA MINING DIVISION

ENDAKO, BRITISH COLUMBIA

Claims surveyed:

RI 1 to 12 inclusive

RI 14 to 23 inclusive

which are located approximately 6 miles west of Endako, 54°  
125° SE.

The surveys were carried out during the period  
September 3rd to 25th, 1965.

The field work was under the supervision of C.T.  
Pasioka, Geologist.

The report was written by E.B. Nicholls, P.Eng.

SULMAC EXPLORATION SERVICES LIMITED

NOVEMBER 12, 1965.

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All at scale 1"=400'

GEOCHEMICAL & GEOLOGICAL REPORT

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OMINECA MINING DIVISION

ENDAKO, BRITISH COLUMBIA

Introduction

A Geochemical survey was carried out on the property held by Glenn Explorations Ltd. near Endako in the Omineca Mining Division, British Columbia.

The survey was conducted by Sulmac Exploration Services Limited during the period September 3rd to 25th, 1965. The results obtained are shown on the map accompanying this report.

Summary and Recommendations

This report discusses the results of a geochemical and geological survey carried out on the property of Glenn Explorations Ltd. located near Endako, British Columbia.

Soil samples taken at 200 foot intervals throughout the property and assayed for molybdenum did not reveal the presence of any ore zone. The results obtained were strictly background readings.

Two small outcrop areas were located by the geological survey and these were identified as pink granite with no visible

mineralization.

As no indication of molybdenum was obtained during the present surveys it is recommended that no further work be carried out on the claim group at the present time.

Property, Location and Access

The property consists of 22 contiguous unpatented mining claims recorded as RI 1-12 and RI 14-23, serial nos. 28055 - 28066, and 28067 - 28076 respectively in the Omineca Mining Division, Province of British Columbia.

The group is located six miles west of the town of Endako, British Columbia, two miles south of the Town of Savory, B.C. and two miles west of the Endako ore body.

Access to the property is readily obtained via a road located on the south side of highway #16 some five miles west of Endako.

Method of Survey

The work performed on the property consisted of (a) line cutting, (b) geochemical survey (c) reconnaissance geological survey.

The line grid consisted of a baseline established in a north-south direction with traverse lines turned off at right angles every 400 feet. These traverse lines were chained and

picketed at 100 foot intervals. A total of 17 miles of baseline and traverse lines were cut and chained.

Geochemical survey was carried out by taking soil samples at 200 foot intervals along the picket lines. These samples were taken from below the humis layer at a depth of from 2 to 3 feet. A total of 424 samples were taken. A reconnaissance geological survey was carried out in conjunction with the sampling.

The soil samples collected were shipped to Jens Morgensen of Toronto, Ontario for assaying. Here the samples were tested for the presence of Molybdenum using the standard procedure as follows:

Half a gram of soil from each sample is placed in a test-tube together with 5 ml of 6N HCL and boiled on a water-bath for one hour. Every 15 minutes during the boiling process, the test-tubes are shaken. The tubes are then allowed to cool so that the fines settle to the bottom and the clear liquid can be decanted into shaking tubes. Any ferric iron content present in the solution is removed by adding 2 ml of reducing agent and Dithiol solution (1ml) is added. The test tubes are then well shaken and allowed to stand for 10 minutes. Finally 5 ml of carbon teth is added and the solution is shaken for one minute. The variation in the green colour of the solution is an indication of the quantity of molybdenum present in the soil sample.

The concentration (ppm) in each sample is determined by comparing the variations in the green colour of the solution with previously prepared standards.

Discussion of Results

The soil sampling was carried out and analysed as stated. The results obtained from the assaying are shown as p.p. on the maps accompanying this report.

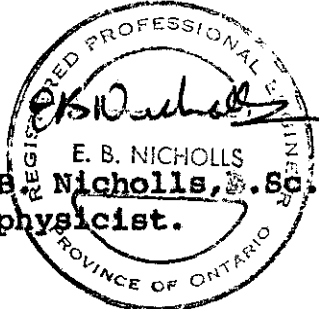
No anomalous conditions were indicated by the geochemical survey as only background readings were obtained.

The geological survey found only two small outcrop areas, one between lines 28 S and 32 S at 20 E and the other between lines 32 S and 36 S at 16 E. Both outcrop areas were identified as pink granite with no visible mineralization. Overburden covered the rest of the claim group.

No further work is recommended at this time.

Respectfully submitted,

SULMAC EXPLORATION SERVICES LIMITED

A circular professional seal for E. B. Nicholls, a Registered Professional Engineer in the Province of Ontario. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "PROVINCE OF ONTARIO" around the bottom. In the center, there is a signature and the text "E. B. NICHOLLS", "E. B. Nicholls, B.Sc., P.Eng.", and "Geophysicist." below it.

E. B. NICHOLLS  
E. B. Nicholls, B.Sc., P.Eng.,  
Geophysicist.

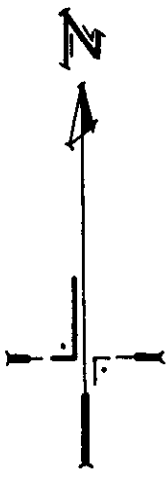
SW

November 17, 1965.

APPENDIX

The following personnel were employed on the survey:

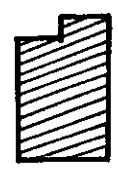
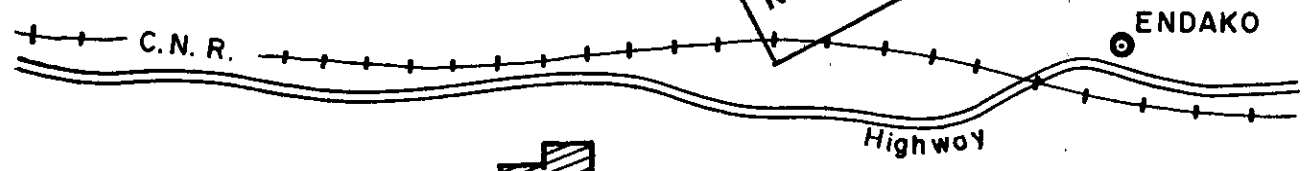
E. B. Nicholls	Chief Geophysicist	Nov. 8 and 10/65
E. Amendolagine	Chief Geologist	Sept. 20 & 21/65, Oct. 5/65
C. Pasieska	Geologist	Sept. 3 - 7 inclusive
A. Frew	Geologist	Sept. 14 - 25 inclusive
D. Grant	Draftsman	Sept. 14 - 25 inclusive
J. Brown	Linecutter	Oct. 7, 8/65
T. Brown	Linecutter	Sept. 3 - 20 inc.
		Sept. 3 - 20 inc.



UNITED  
BUFFADDISON x  
MINES

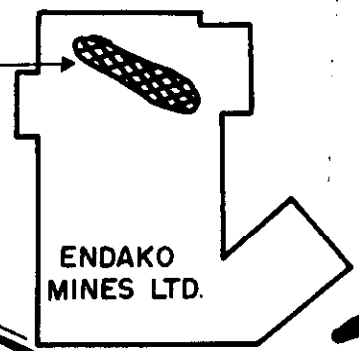
Moly Sheet of  
Department of  
Petroleum Resources

ASSESSMENT  
REPORT  
NO. 715 MAR #2

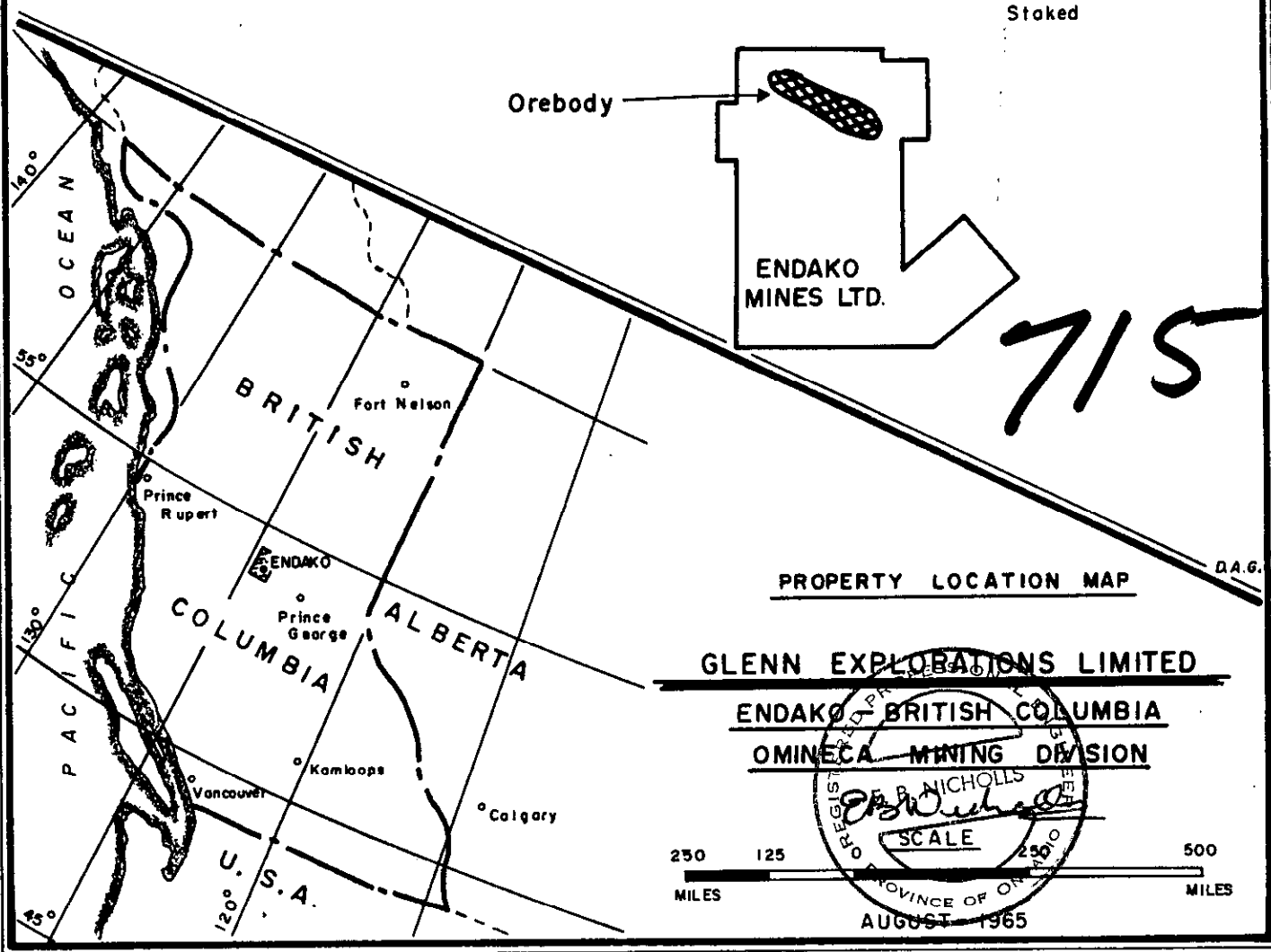


Note  
All Surrounding  
Ground Completely  
Staked

Orebody

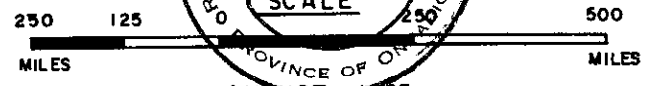
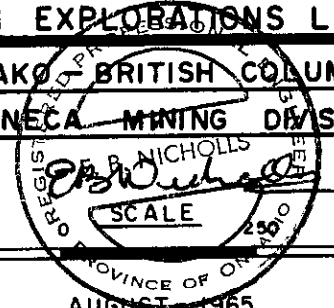


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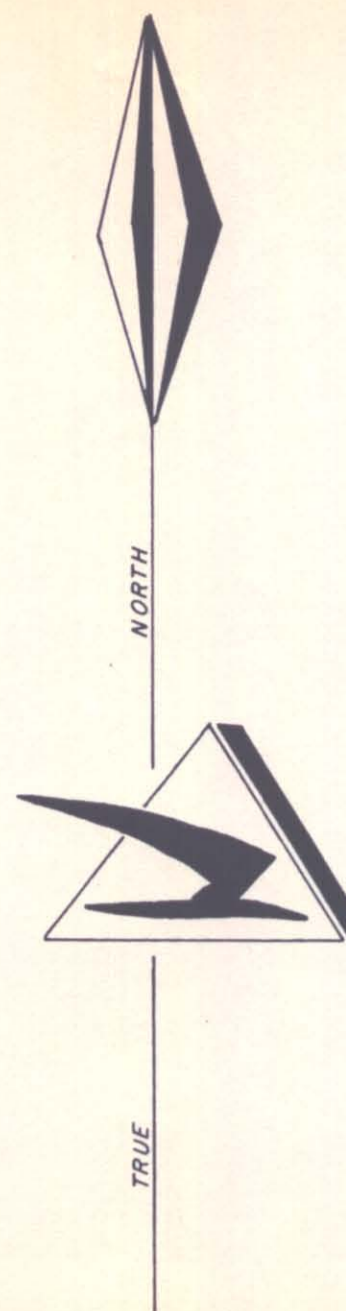
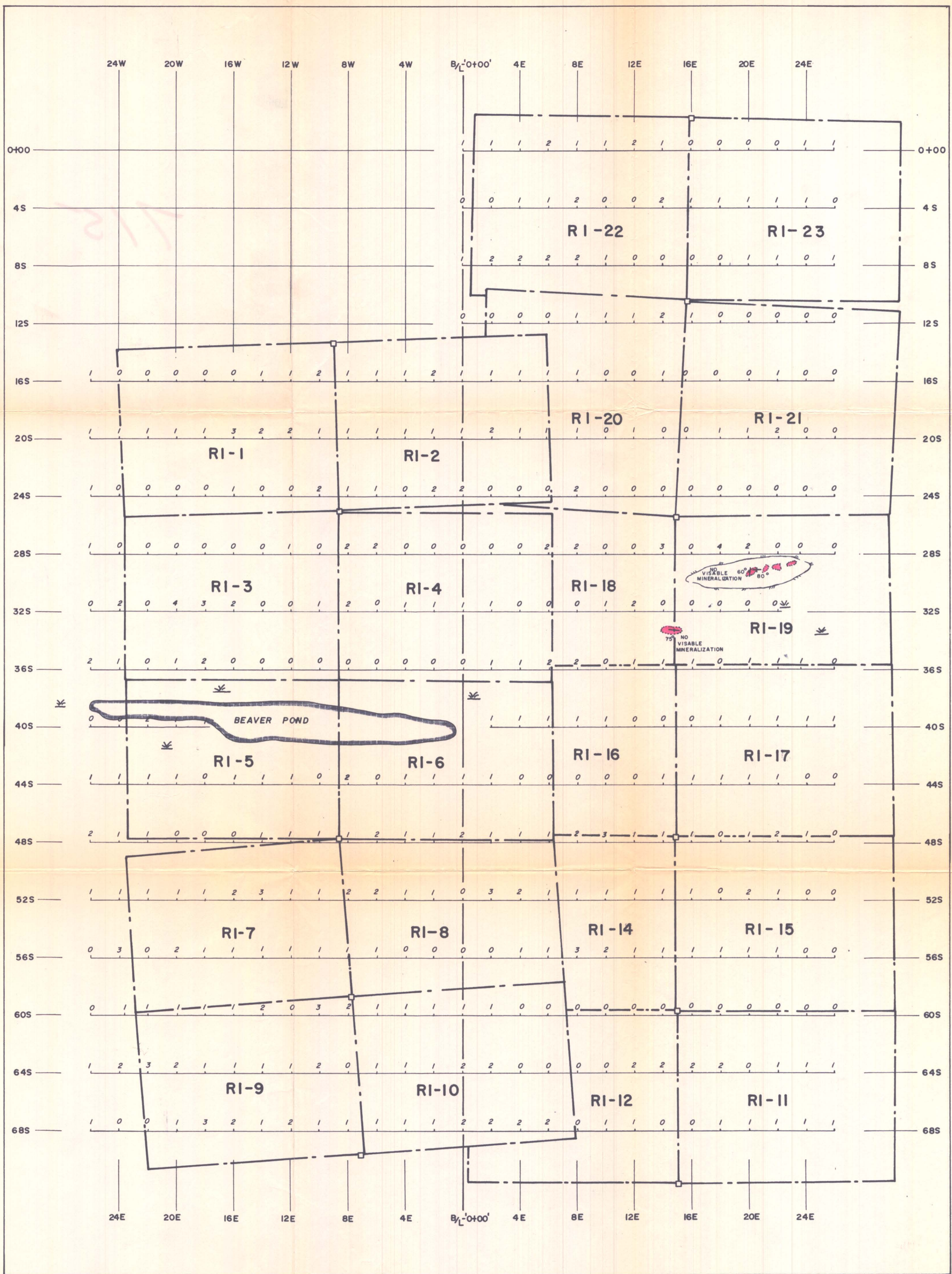


PROPERTY LOCATION MAP

GLENN EXPLOREATIONS LIMITED  
ENDAKO BRITISH COLUMBIA  
OMINECA MINING DIVISION







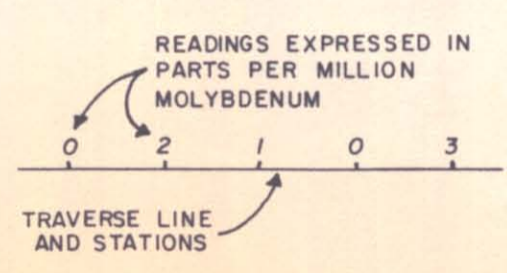
Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 715 MAP #1

**LEGEND**

**GEOLOGICAL SURVEY**

- | SYMBOLS           | GEOLOGY      |
|-------------------|--------------|
| STRIKE, DIP ANGLE | PINK GRANITE |
| OUTCROP           |              |
| RIDGE             |              |
| SWAMPY            |              |
| POND OUTLINE      |              |
| CLAIM BOUNDARY    |              |

**GEOCHEMICAL SURVEY**



TO ACCOMPANY REPORT BY E.B. NICHOLLS DATED NOV. 15, 1965.

**GLENN EXPLORATIONS LTD.**

ENDAKO - BRITISH COLUMBIA  
OMINECA MINING DIVISION

**GEOLOGICAL  
AND  
GEOCHEMICAL  
SURVEY**

715

SULMAC EXPLORATION SERVICES LIMITED  
SEPT.-OCT.-1965

Scale  
400 800 1200 1600  
FEET  
One Inch = Four Hundred Feet

REGISTERED PROFESSIONAL ENGINEER  
E. B. NICHOLLS  
GEOPHYSICIST  
DRAWN BY D.A. GRANT