

4618

Geochemical report on the GR group
of claims situated four miles north
of Haha creek, Omineca M.D. British
Columbia, NTS 94C, Fort Grahame.
Latitude 56°02', Longitude 125°38'
and owned by and on behalf of
Pechiney Development Ltd.

Field work between August 2 and August 9, 1973.

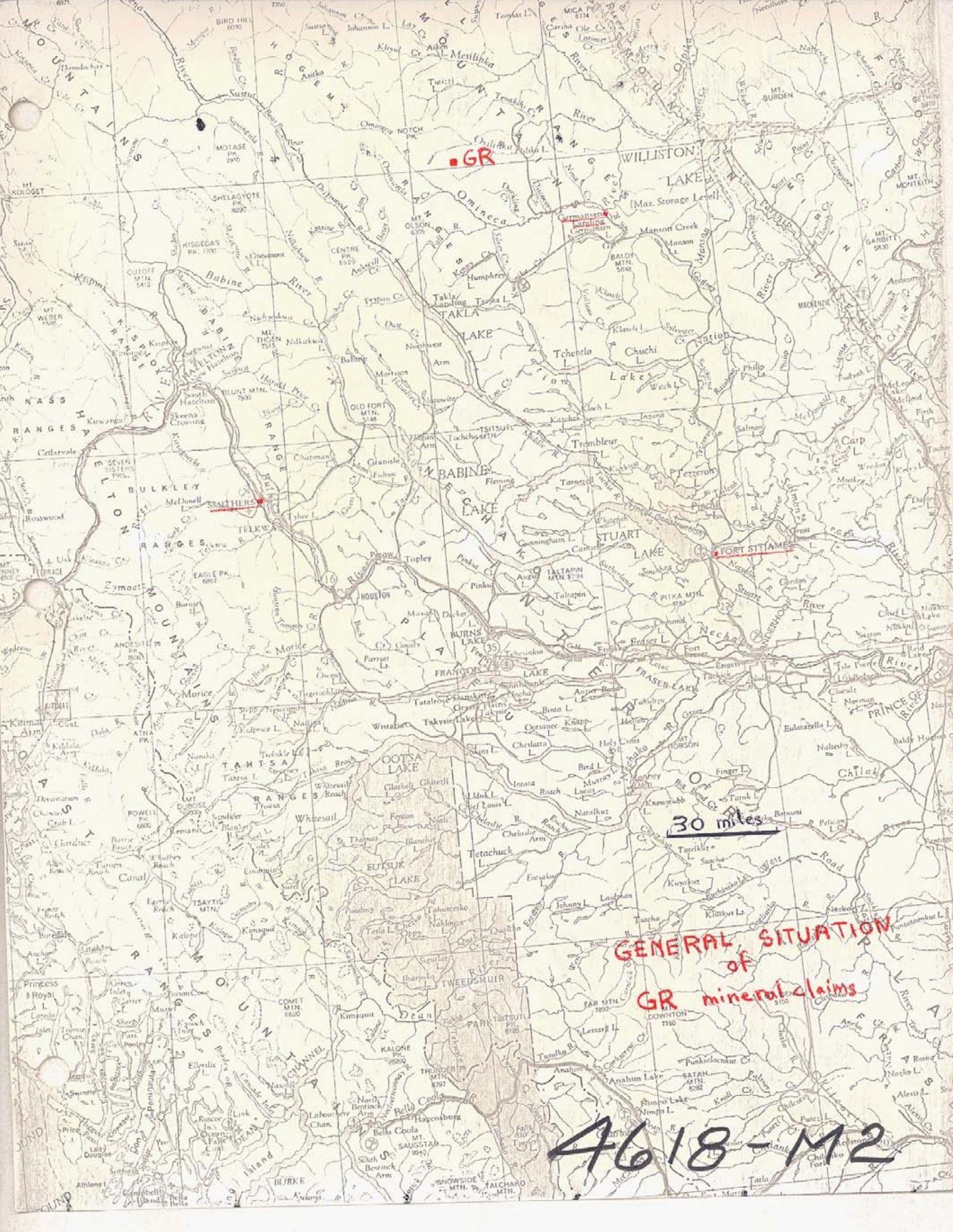
Department of	
Mines and Technical Resources	
Acting Director	
NO. 4618	Map

Mining Recorder's Office RECORDED
OCT 5 1973
AT..... SMITHERS, B.C.

Report by J.P. Guelpa
Geologist

September 21, 1973

J.P. Guelpa
J.P. Guelpa



GR

Germanen
Telkwa
Telkwa

TELKWA

FORT SITKUM

30 miles

GENERAL SITUATION
of
GR mineral claims

4618-M2

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- I. PERSONNEL CERTIFICATES
- II. COST BREAKDOWN

MAP I #1 Soil sampling Survey

Scale: 1": 400'

Map pocket

#2 General Location 1" = 30 mi.

I. CLAIMS, LOCATION , ACCESS

The GR group of claims is composed of 8 contiguous full size claims which are recorded as follows:

GR # 1	116472
# 2	116473
# 3	116474
# 4	116475
# 5	116476
# 6	116477
# 7	116478
# 8	116479

The group is situated 4 miles north of Haha creek and forty miles NW of Germansen Landing. Access to the claims is by helicopter from Germansen Landing.

The coordinates of the claims are $125^{\circ}38'$, $56^{\circ}02'$.

II. TOPOGRAPHY

The property is located across a steep slope between elevations 5000 and 5500; it is completely timbered although in a sparse way in the upper elevations.

III. WORK DONE

Following the finding in 1972 of a few anomalous soil samples values, the claims were staked.

During the summer 1973 a preliminary program was carried out on the claims by a crew of two: Jean Paul Guelpa, geologist, and David Hopper, soil sampler.

It was intended to do the geological mapping along with a soil sampling survey. However only 2 outcrops were found, situated on GR # 2 and consequently very little of the geology of the claims is known.

The soil sampling survey was carried out along 400 feet spaced lines, samples were collected each 200 feet. The control grid was established and flagged using a compass and a "Topofil chaix" which allows accurate measurements of distances.

Two hundred fifteen samples were collected with an auger from the B horizon well developed in the area. The samples were sent to MIN-EN Laboratories, 705 W. 15th Street, North Vancouver, and analyzed for Mo, Cu, Zn, Mn. The analytic method was atomic absorption.

Mn analysis was asked in order to allow a better understanding of anomalous results.

The field work was carried out between August 2 and August 9, 1973.

IV. RESULTS

- . The outcrops found on GR#2 mineral claim consist of a leucocratic granitic gneiss alternating with mafic, hornblende - biotite

rich gneisses. The outcrops are very heterogeneous and could also be described as migmatitic gneisses. No significant fracturation nor any alteration can be observed.

. Soil sampling.

Copper: Only weak anomalies can be outlined. A few scattered high values are to be attributed to the interference of a high manganese content in the soil.

Map # 1 shows an interpretation of the results after elimination of the false anomalies due to manganese. Values over 120 ppm Cu are considered to be anomalous over a background of 40 - 70 ppm Cu.

Molybdenum and zinc: Some of the anomalous Cu values are associated with slightly anomalous Mo and/or Zn values, however no pattern can be outlined with these erratic values.

V. INTERPRETATION

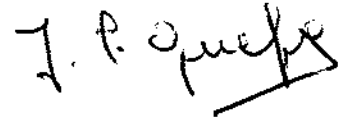
Nothing of the little we know of the geology allows any correlation with the soil sampling results.

The best geochemical results are situated accross GR #6, GR # 7 and GR #7 mineral claims. To assess this anomaly we recommend that a closier spaced soil sampling be carried out and that a ground magnetometer survey be completed over all the claims.

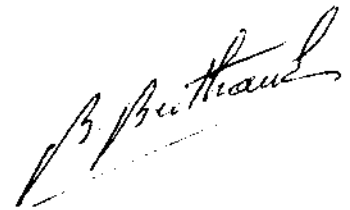
Given the steep topography prevalent in the area, we however fear

that the anomaly source might be in the upper elevations that is northwestwards and outside the property's boundaries.

Respectfully submitted

A handwritten signature in black ink, appearing to read "J. P. Guelpa". The signature is written in a cursive style with a horizontal line underneath.

Jean Paul Guelpa

A handwritten signature in black ink, appearing to read "B. B. Thaul". The signature is written in a cursive style with a horizontal line underneath.

APPENDIX I

Personnel Certificates

GUELPA, Jean Paul. Geologist. Graduate of University of Lyon, France, in 1966. Since engaged in mineral exploration in Québec with the Department of Natural Resources and in B.C. with Mokta Canada Ltd., and at present with Pechiney Development Ltd.

HOPPER, David. 20 years old. Student. Has worked previously as soil sampler with Canadian Superior Exploration in 1971 and with Pechiney Development Ltd. in 1972.

APPENDIX II

Cost Breakdown

Soil sampler salary	
7 days at \$ 15.00 a day	\$ 105.00
Sample analysis (MIN-EN Laboratories)	
215 samples at \$ 2.65	570.00
Supervision J.P. Guelpa	
2 days at \$ 50.00 a day	100.00
Drafting, typing	<u>50.00</u>
	<u>Total</u>
	<u>\$ 825.00</u>

\$ 825.00 to apply to the GR group of claims for one year assessment.

Declared before me at the City
of Vancouver, in the
Province of British Columbia, this 2
day of October

J. P. Guelpa
A. P. Guelpa

J. P. Guelpa

John Guelpa
A Notary Public for the Province of British Columbia
A Notary Public in and for the Province of British Columbia

GR CLAIMS




SOIL SAMPLING SURVEY

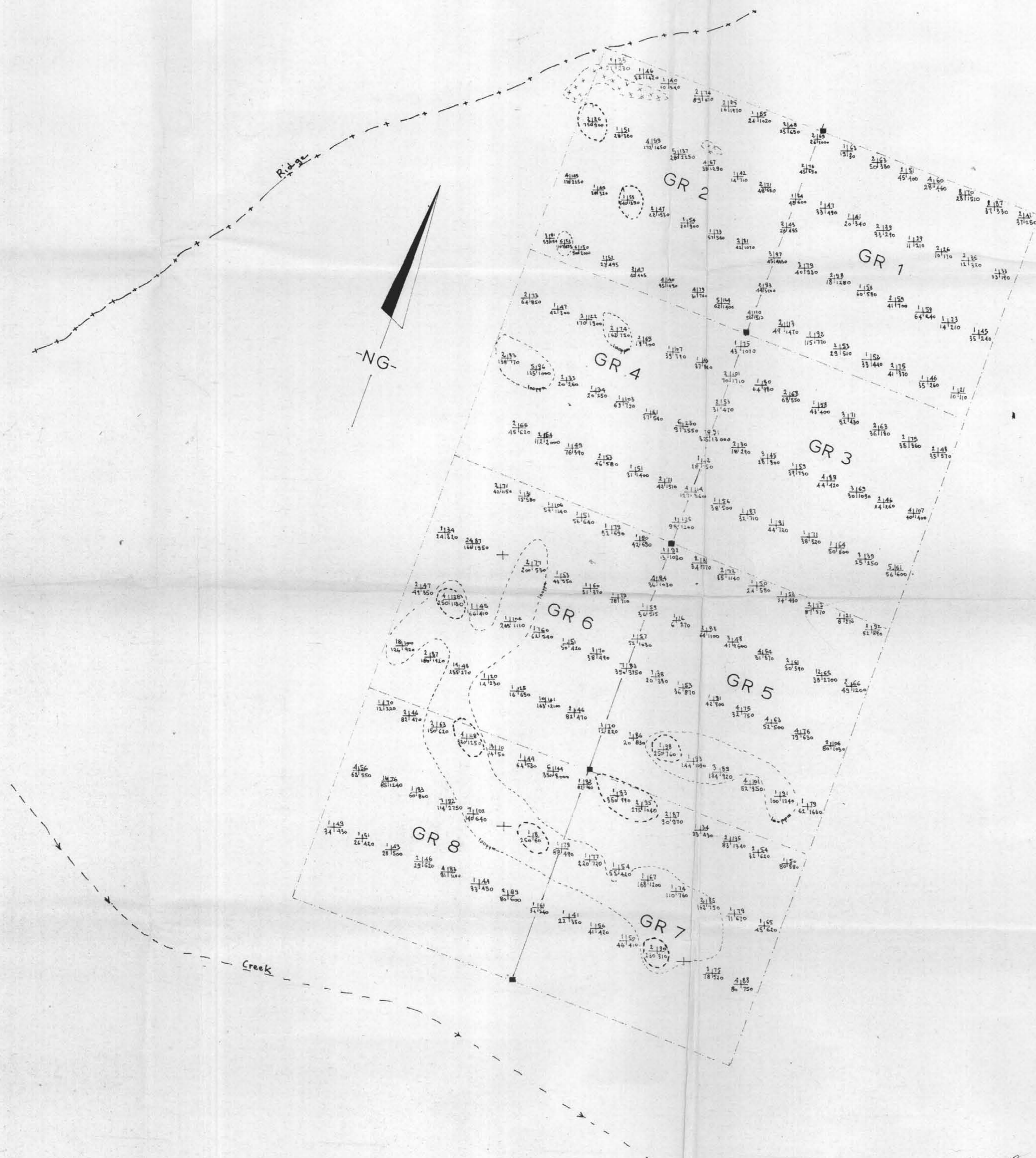
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4618 MAP #1

SCALE: 1" = 400'

SEPT. 1973

LEGEND

- Mo | Zn Metal values in ppm
- Cu | Mn
-  Anomalous Copper zones
-  Claim post
-  Location line



To accompany geochemical report on the GR group of claims by Jean-Paul GUELPA geologist September 21 1973 J.P. Guelpa *J.P. Guelpa*

4618-M1