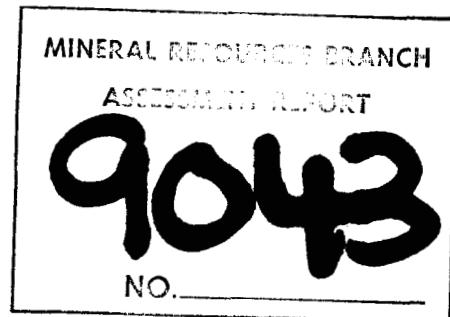


GEOCHEMICAL REPORT
ON
APRIL AND MAY CLAIMS

OMINECA MINING DIVISION
NECHAKO HILLS AREA
LATITUDE 53° 21'
LONGITUDE 124° 31'
NTS 93 F /7A

OWNER AND OPERATOR

GRÄNGES EXPLORATION AKTIEBOLAG
SUITE 1110-625 HOWE STREET
VANCOUVER, B. C.
V6C 2T6



DATE OF WORK
SEPTEMBER 29TH - OCTOBER 7TH, 1980

DATED AT VANCOUVER, B. C.
APRIL 13, 1980

AUTHOR
W. E. LUMLEY, B. SC.

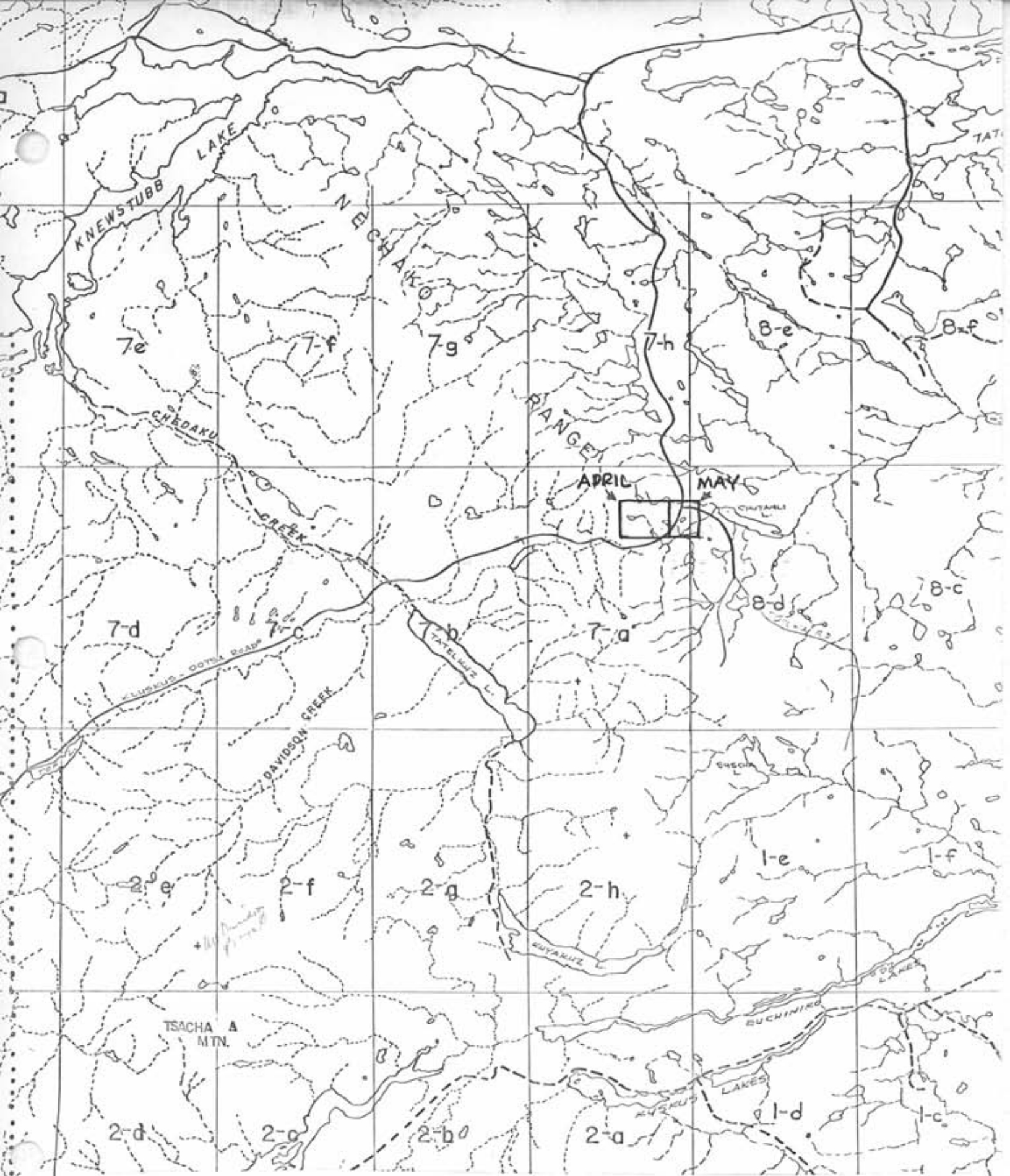
TABLE OF CONTENTS

LOCATION MAP	FRONT
INTRODUCTION	1
CLAIMS	1
LOCATIONS AND ACCESS	1
GEOLOGY	1
GEOCHEMICAL SURVEY	2
DISCUSSION OF RESULTS	2
CONCLUSIONS	2
RECOMMENDATIONS	2
EXPENDITURES	3
STATEMENT OF AUTHOR'S QUALIFICATIONS	4

ENCLOSURES

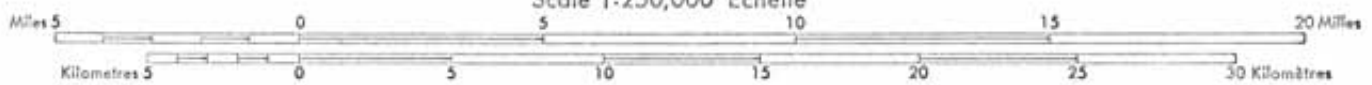
MAP: GEOCHEMICAL SURVEY

SCALE 1: 5000



LOCATION MAP

Scale 1:250,000 Échelle



INTRODUCTION

The April and May claims were staked as a result of the detection of a rather anomalous zone of Zinc & Silver found via geochemical silt sampling of streams flowing off the Nechako Hills.

Follow-up work consisted of Grid Geochemical soil sampling, with samples taken every 50 meters. These samples were assayed for Silver, Lead, Zinc, Copper and Molybdenum.

CLAIMS

The claims referred to in this project is the April and May claims and are described as follows:

<u>NAME</u>	<u>NO. OF UNITS</u>	<u>RECORDS #</u>	<u>RECORDING DATE</u>
April	20	2720	April 18/80
May	12	3057	Aug. 11/80

LOCATION AND ACCESS

The April/May claims are located 100 km. Southwest of Vanderhoof, B. C. on the Ootsa Kluskus Forest Road. Access is by the road, with personnel housed at the 68 Mile Logging Camp run by Plateau Mills Logging.

The claims lie in the rugged southern half of the Nechako Range from 3600' to 4400' in elevation and are covered with good forest cover of lodgepole pine and black spruce.

GEOLOGY

According to G.S.C. Memior 324 Nechako River Area, British Columbia (Tipper, 1963), the April/May claims lie on the east-west contact between an upper Jurassic or Cretaceous Granite Pluton and the older middle to lower Jurassic Hazelton group. Outcrops are sparse due to the forest cover, but the Hazelton group in the claim area appears to be the sedimentary unit of the group consisting of tuffs (Marine) with minor interbedded Andesites.

GEOCHEMICAL SURVEY

A total of 389 soil samples were taken on the April claims along grid lines. The grid consisted of a baseline 1900 meters long, striking N 30° W with 1100 meter cross lines. The grid was sampled every 50 meters from the "B" horizon at approximately .3m in depth. The samples were obtained using Augers. After being placed in Kraft soil envelopes and delivered to Acme Analytical Laboratories, 852 East Hastings St., Vancouver, B. C., the samples were dried at 75°C for 16 hours and sieved to -80 mesh. A .5 gram sample was digested in diluted Aqua Regia in a hot water bath for one hour and diluted with de-mineralized water. The determination of Copper, Lead, Zinc, Silver and Molybdenum are determined by Atomic Absorption from the solution. Silver is determined by Atomic Absorption using a background correction.

DISCUSSION OF RESULTS

A coincident Silver, Lead, Zinc, Copper anomaly exists at station 7E, 1 N. in close proximity to an outcrop of Hazelton volcanics (?). The Copper, Silver and Lead anomaly at this location is very concentrated in area, whereas the Zinc, being more mobile occupies a broader area.

A second diffuse anomaly lies in the western part of the grid being anomalous in Lead, Zinc and Silver and slightly anomalous in copper and Molybdenum. This zone occupies the downslope section of a high ridge.

Overall Copper and Molybdenum values are erratic in nature generally occupying single sample locations. A map detailing sample locations and assay results are attached.

CONCLUSIONS

From September 29th to October 7th, 1980, a geochemical soil survey was carried out over the April claim. One distinct and one dispersed Geochemical Anomalies were located both near outcrops of Hazelton Volcanic and Sediments. The dispersed Anomaly is downslope from a highridge on the Western edge of the grid.

RECOMMENDATIONS

Further geological investigation as to rock units and mineralization is indicated on the claim, especially in the area of the coincident anomaly at 7E, 1 N. If other properties in the area held by Granges are to be surveyed by airborne EM, a small survey should also be completed on this claim group.

EXPENDITURES

Personnel:

Ken Taylor	-Sept. 29-Oct. 7, 1980	\$ 434.97
Ron Wintermeyer	-Sept. 29-Oct. 7, 1980	450.00
Dale Martin	-Sept. 29-Oct. 7, 1980	405.00
Room & Board	-69 Mile Logging Camp-30 man days @ \$18/Mo.	540.00
Mo Prew	-Drafting	414.30
William E. Lumley	- Report Writing	346.44

Transportation:

Truck Rental	-9 days @ \$24/Day	216.00
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Geochemical Assays:

1,552.03

TOTAL APRIL/MAY CLAIMS:

\$4,358.74

STATEMENT OF AUTHOR'S QUALIFICATIONS

NAME William Ernest Lumley

PROFESSION Project Geologist

EDUCATION B. SC. (Geology) University of Waterloo (1974)

EXPERIENCE 1 year Exploration Geologist-Getty Mines Ltd.

2 years Exploration Geologist-Eldorado Nuclear Ltd.

4 years Exploration & Project Geologist with
various companies in British Columbia.
June 1980 - Present Project Geologist with
Granges Exploration AB

William E. Lumley

William E. Lumley.
April 13, 1981.

ASSESSMENT REPORT COVER SHEET

Name _____ Fig. _____ No. _____

Mining Inventory Nos. _____ NTS

Lat. 53 . 21 Long. 124 . 30 NTS 93F/7E/8W

Mining Division OMINECA Location Approx 18 km ENE

of the northern tip of Tatellkuz Lake.

Claims (Central Records) APRIL, MAY

Claims (total) APRIL (20 units), MAY (12 units)

Owner 1. Granges Exploration Aktiebolag 2. _____

Address 1110 - 625 Howe St.

Vancouver, B.C. V6V 2TC

Operator 1. Granges Exploration Aktiebolag 2. _____

Address (as above)

Owner/Operator 3. _____

Metals _____

Geological description Claims lie on the E-W contact M to L Jurassic Hazelton
fufts and interbedded sandstone flows, and L. Jurassic or Cretaceous
granite.

References AR 9043

Work done Geochemical

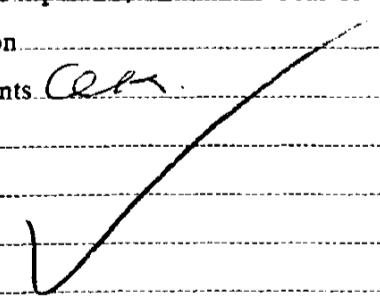
Type	Amount	Claims Worked On
<u>SOL</u>	<u>359; Cu, Pb, Zn, Ag, Mo</u>	<u>April, May</u>

Author(s) William E. Lumley

Aff. date Apr. 13/81 Year of work 1980 To geology May 7, 1981

Attention _____ Information class 3

Comments OK



	Name of PAC Account	Amount
Value work done (from report)		<u>4358.74</u>
Value of work approved		<u>4358.74</u>
Value claimed (from statement)		<u>\$3,200.00</u>
Value credited to PAC account	<u>Granges Exploration AB</u>	<u>1155.74</u>
Value debited to PAC account		<u>-</u>

Accepted M. D. M. Date 31/7/81 Report No. '81-#276-# 9043

NTS 93E/7E/8W

