

30-735 # 8428

GEOCHEMICAL REPORT
BORCAN RESOURCES LTD.

Cheam cream and cheam cream annex c/s.

Lat. $49^{\circ}15'N$ Long. $121^{\circ}40'W$ N.T.S. 92 H/4 & 5E
New Westminster Mining Division, B. C.

AUTHOR: Glen E. White, B.Sc., P. Eng.

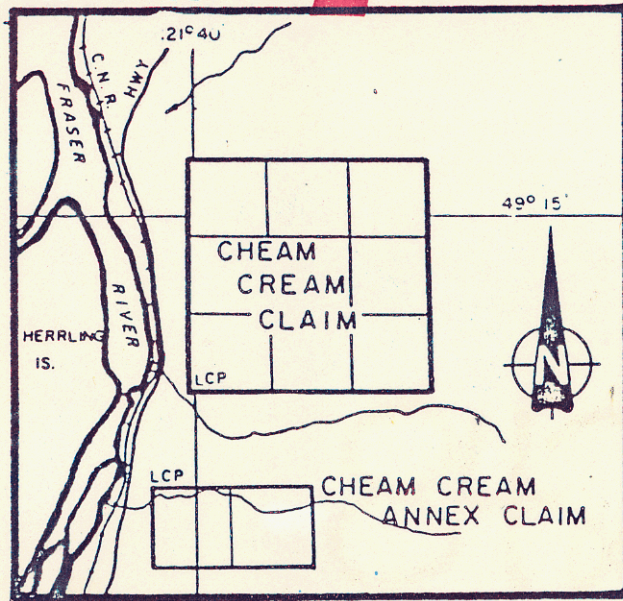
DATE OF WORK: May 31 - June 4, August 13, 14 - 1980

DATE OF REPORT: September 26, 1980

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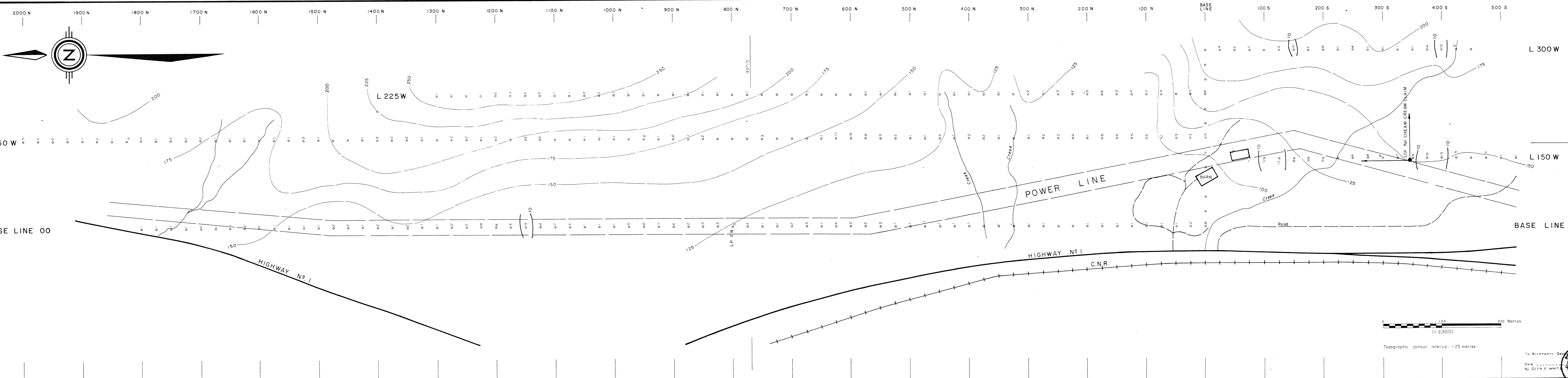
92-H-4 & 5 E



BORCAN RESOURCES LTD.
 CHEAM CREAM ANNEX CLAIM
 NEW WESTMINSTER M.D. - B.C.

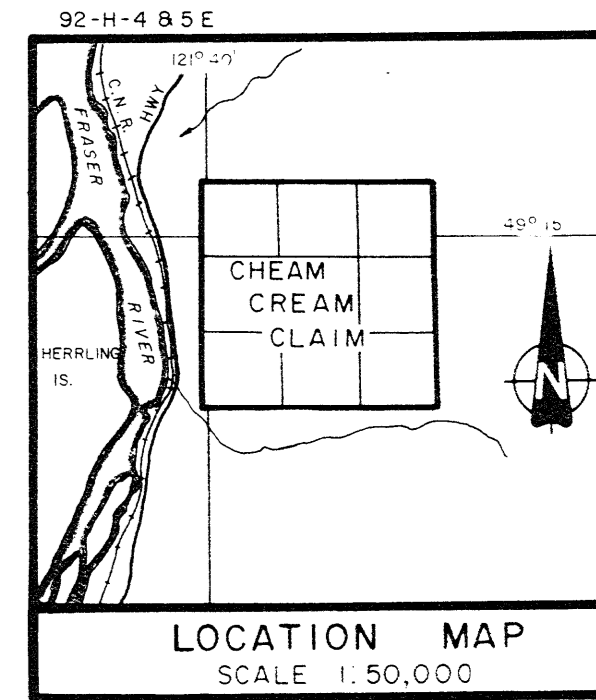
LOCATION MAP

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10 PPM Molybdenum Contour



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CHEAM CREAM CLAIM
NEW WESTMINSTER M.D. - B.C.

GEOCHEMICAL MAP
(MOLYBDENUM IN PPM)

Glenn E. White
geophysical consulting
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INTERPRETED BY: G.E.W.
DRAWN BY: G.E.W.
CHECKED BY: G.E.W.
DATE: 1987
FIG. No.: 2

To Accompany Geochemical Map
By GLEN E. WHITE
GEOPHYSICIST



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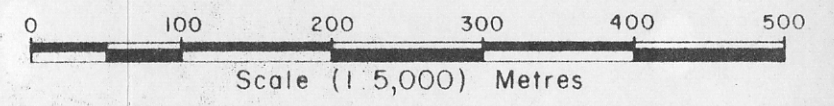
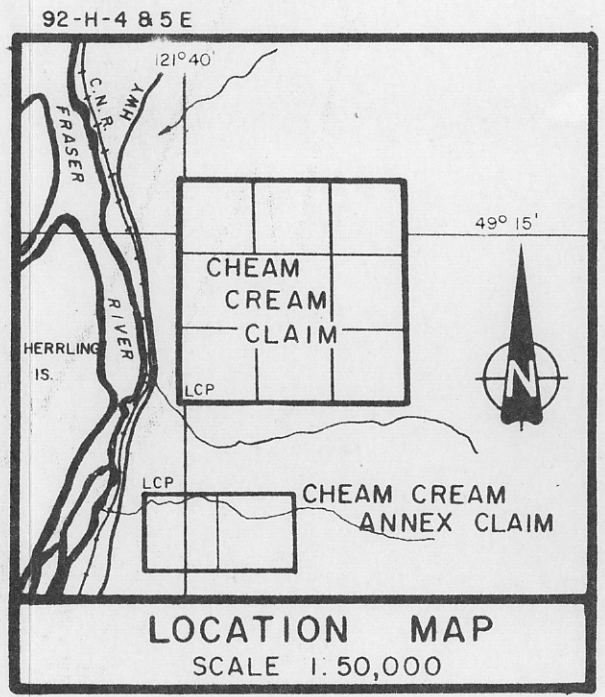
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SYMBOLS

o GRID STATION

— 10 P.P.M. MOLY CONTOUR

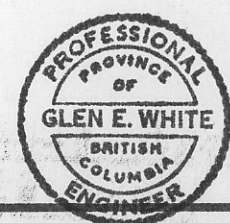


BORCAN RESOURCES LTD.
CHEAM CREAM ANNEX CLAIM
 NEW WESTMINSTER M.D. - B.C.

GEOCHEMICAL SURVEY
MOLYBDENUM RESULTS IN (P.P.M.)

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 &
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INTERPRETED BY:	G.E.W.
DRAWN BY:	r.w.f.
CHECKED BY:	
DATE:	SEPT. 12, 1980
FIG No:	3



121° 25' 30"

L1+50E

L2+70E

L3+90E

LINE 00

LCP

TO HOPE

HWY. N°1

TO VANCOUVER

POWER LINES

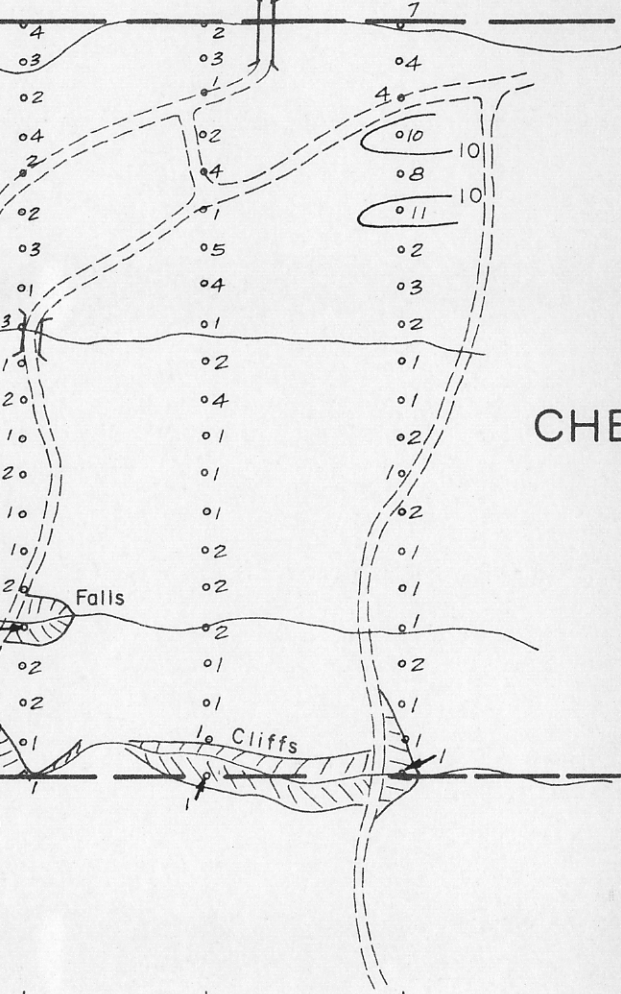
LINE 5 S

CHEAM CREAM ANNEX CLAIM

49° 14'

Falls

Cliffs



C O N T E N T S

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ILLUSTRATIONS

- Figure 1 - Claims and Location Map
- Figure 2 - Mo. Cheam cream claim
- Figure 3 - Mo. Cheam cream annex claim

INTRODUCTION

During the summer of 1980 a limited amount of geochemical soil sampling was conducted on a reconnaissance basis on the Cheam cream and Cheam cream annex claims. The purpose of the work was to try and locate by geochemical means some old workings bearing molybdenum mineralization.

PROPERTY

The Cheam cream claim consists of 9 units and the Cheam cream Annex, 2 units, as illustrated on Figure 1.

LOCATION AND ACCESS

The claims are located either side of the B. C. Hydro Power Plant on the west flank of Four Brothers Mountain, some 20 km south of Hope. Latitude $49^{\circ}15'N$, Longitude $121^{\circ}40'W$, N.T.S. 92 H/4 & 5E, New Westminster Mining Division, B. C.

Access is by Highway #1 to Cheam and then by foot up the slope of the mountain.

GENERAL GEOLOGY

G.S.C. Map 12-1969 shows the claims to be underlain by granodiorite and quartz diorites of Tertiary age. J. P. Elwell, P. Eng., in his November 16, 1979 report on the claims, mentions that the claims were staked to cover two old claims the Mary Jane and Annie Lou, which are described in the B. C. Minister of Mines Report of 1919 as containing quartz filled fissures bearing molybdenite mineralization.

SURVEY GRID

At the request of the company, three lines were run in a N-S direction along slope to try and detect any downslope drainage from a molybdenum-bearing source. The lines were sampled at 25 m intervals. 6.5 km of line was established on the Cheam cream claim and 1.7 km on the Cheam cream annex.

GEOCHEMICAL SURVEY

Soil samples of the upper "B" horizon were taken along the traverse lines at 25 m intervals. The soil samples were then placed in soil envelopes provided by Chemex Labs Ltd. of North Vancouver, B. C. The samples were delivered to the above lab where -80 mesh sieving, digestion by hot perchloric-nitric acid and analysis by atomic absorption were carried out under the supervision of professional geochemists. 274 samples were obtained and analysed for p.p.m. molybdenum.

DISCUSSION OF RESULTS

Figure 2 illustrates the data on the Cheam cream claims. Background molybdenum values varied between 1 and 5 p.p.m. A high of 19 p.p.m. was recorded. Several areas gave above 10 p.p.m.

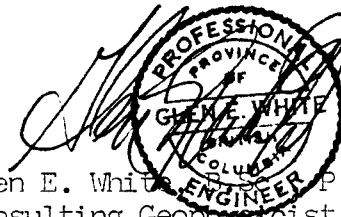
The Cheam cream annex results are shown on Figure 3. Here the background values were also 1 - 5 p.p.m. with two values of 10 and 11 p.p.m. Molybdenum ions have low mobility in an acid environment which would be the case in this survey area. However, the mechanical weathering process on this steep side hill should assist geochemical dispersion. Thus though there are anomalous values of molybdenum, they would have to be considered very low since the anticipated target was high grade molybdenite in quartz veins.

CONCLUSIONS AND RECOMMENDATIONS

During the summer of 1980, a limited amount of geochemical soil sampling was completed over the Cheam cream and Cheam cream annex claims on behalf of Borcan Resources Ltd.

The survey attempted to locate a downslope geochemical dispersion train from old quartz-molybdenite showings. These workings were not located. The geochemical survey did locate anomalous molybdenum values but of insufficient intensity as to suggest either a large low grade or a small high grade deposit. Thus, with respect to the steep terrain and low preliminary results, no further work can be recommended.

Respectfully submitted,
GLEN E. WHITE GEOPHYSICAL
CONSULTING & SERVICES LTD.



Glen E. White P. Eng.
Consulting Geophysicist

STATEMENT OF QUALIFICATIONS

NAME: WHITE, Glen E., P. Eng.

PROFESSION: Geophysicist

EDUCATION: B.Sc. Geophysics - Geology
University of British Columbia

PROFESSIONAL
ASSOCIATIONS: Registered Professional Engineer,
Province of British Columbia

Associate member of Society of Exploration
Geophysicists.

Past President of B. C. Society of Mining
Geophysicists.

EXPERIENCE: Pre-Graduate experience in Geology - Geochemistry -
Geophysics with Anaconda American Brass.

Two years Mining Geophysicist with Sulmac
Exploration Ltd. and Airborne Geophysics with
Spartan Air Services Ltd.

One year Mining Geophysicist and Technical Sales
Manager in the Pacific north-west for W. P. McGill
and Associates.

Two years Mining Geophysicist and supervisor
Airborne and Ground Geophysical Divisions with
Geo-X Surveys Ltd.

Two years Chief Geophysicist Tri-Con Exploration
Surveys Ltd.

Ten years Consulting Geophysicist.

Active experience in all Geologic provinces of
Canada.

COST BREAKDOWN

<u>Personnel</u>	<u>Date Worked</u>	<u>Wages</u>	<u>Total</u>
M. Smyth.....	May 31-June 4/80.....	\$175/day.....	\$875.00
P. Twele.....	"....."	125/day.....	625.00
G. Ennis.....	Aug. 13-14/80.....	125/day.....	250.00
T. Allman.....	"....."	175/day.....	350.00
Meals and accomodations.....			490.00
Vehicle, all inclusive.....			455.00
Geochemical analysis.....			589.00
Materials.....			45.00
Drafting.....			125.00
Interpretation and reports.....			550.00
Total.....			<u>\$4354.00</u>