

MINNOVA

MEMORANDUM

DATE: June 5, 1989

A
TO: I.PirieCOPIES A
COPIES TO: A.DavidsonDE
FROM: C. BurgeSUJET
SUBJECT: Slesse Creek Property Exam, Chilliwack

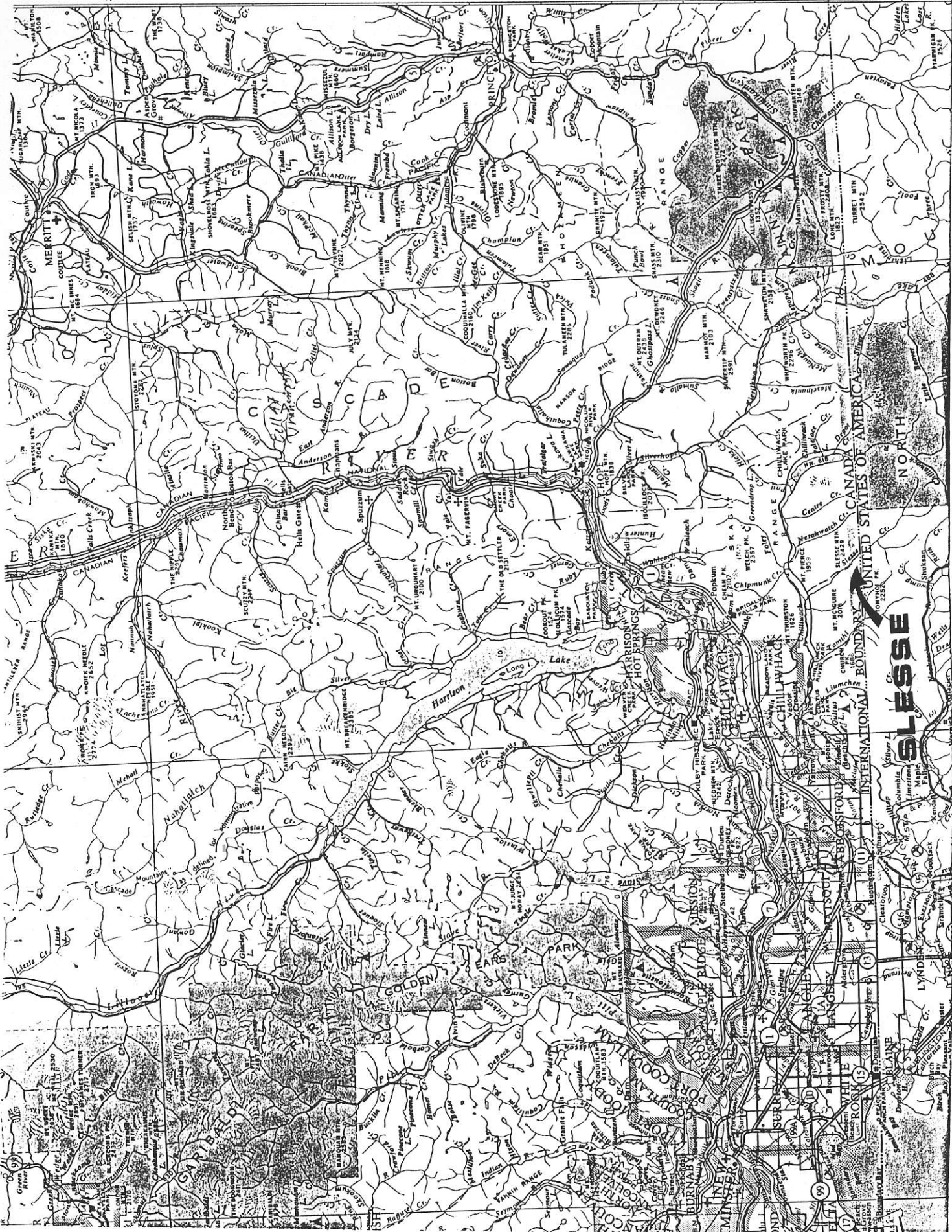
NTS 92H/4E

INTRODUCTION:

The property consists of four claims called the Roy group staked by Brian Sauer of North Vancouver which surround two reverted crown grants held by Ernie Jackson of Surrey. The claims are being offered as a package. The Boundary-Red Mountain mine is located about 1 kilometer south of the U.S. border, the southern property boundary, in alpine terrain. The mine produced 80T tons of 0.60 ounce material from the turn of the century until the Forties when presumably the miners decided it was preferable to die in Europe than live on the side of the American Border peak. The mine is now held by Solo International Resources Ltd. a Vancouver based junior who claim to have mineable reserves remaining underground.

LOCATION, ACCESS AND PHYSIOGRAPHY:

The claims are situated in steep terrain about 10 kilometers from pavement on good condition logging roads. The area was logged in the fifties and rudimentary roads provide access by foot. These roads would need to be upgraded should Solo decide to go into production at the mine. They have an arrangement that mining may continue providing access is from the Canadian side. This would be require upgrading about 2 or 3 kilometers of existing track and at least 2 kilometers of Maggie style blasting. Given current gold prices and the fact that the nearby glacier drains into underground workings it is highly unlikely that Solo will ever do anything to improve access in the area.



ESSE

INTERNATIONAL BOUNDARY

CANADA

UNITED STATES OF AMERICA

NORTH

GEOLOGY:

The claim group is underlain by volcanics and sedimentary rocks of the Chilliwack group. These rocks have been affected by a local or possibly a regional cordierite hornfels making identification of the original rock type difficult.

The Chilliwack batholith intrudes these units and is known to outcrop about 500 meters away on the east side of Slesse Creek. The Chilliwack Batholith has been dated by Gerry Ray as being mid-Tertiary in age and may be responsible for the hornfelsing event.

Old dumps at the minesite contain a weakly altered massive diorite, the Slesse diorite, with quartz vein material + or - ankerite. A massive diorite with coarse pyroxene phenocrysts occurs on the Roy claims to the east of the main zone of sheared rocks. The sheared rocks themselves contain a strongly deformed diorite.

MINERALIZATION:

The area of interest at present (Torb zone) occurs on the east side of a broad north (010^0) trending zone of rusty, highly deformed rocks. The location of the crown grants reflects that the zone was recognized by early workers as the possible continuation of the Boundary-Red Mountain structure. Cordierite occurs frequently and with varying size and abundance in this zone as well as some sericitic material containing up to 5% pyrite locally. A number of narrow quartz-pyrite stringers or veins occur in this zone oriented in the same fashion as the rock fabric ($010^0, 80^0E$). The zone has been poorly prospected to date no doubt due to the difficult terrain.

At the Torb Zone assays of up to 0.6 opt have been obtained. The showing is a quartz vein and quartz flooded material with up to 3% chalcopryite. Considerable silicification of the host hornfels accompanies the vein but unfortunately it can only be traced for 15 meters along strike. Widths are difficult to estimate but range from 0.2 to 2.0 meters at the widest point. The vein seems to dip down the hillside is located between logging road switchbacks about 50 meters vertical down from the upper road making it an awkward target for a diamond drill.

CONCLUSIONS AND RECOMMENDATIONS:

This property is vastly underexplored despite its nearness to a former producer. Unfortunately the bulk of the stream sediment anomalies can be attributed to the old mine tailings and in fact placer miners are operating in the creeks down stream from the old mine.

The Chilliwack volcanics are known to host volcanogenic massive sulphides at the North Fork property and a precious metal enriched volcanogenic massive sulphide deposit could conceivably be present on the Slesse property.

At present no diamond drill targets exist on the property however the property vendors are considering a packsack drilling program on the Torb vein. If the program is successful in intersecting the vein over decent strike lengths (or massive sulphides are found) then perhaps Minnova should re-examine the property.

The Roy claims have good potential but should be considered a grassroots stage project. At the present time no further action is recommended.

Brian Sauer is a keen, aggressive young prospector and good relations should be kept with him over the years.

June 14, 1989

Brian Sauer,
4604 Strathcona Rd.,
North Vancouver, B.C.
V7G 1G3

Dear Brian:

Thank you very much for allowing me to examine your Slesse Creek property. I have enclosed copies of rock geochemistry from the samples I took. Unfortunately the Torb zone didn't run the expected gold values suggesting the gold distribution is erratic. The samples SC-3 and 4 give a rock geochemistry typical of altered volcanic rocks. The fact that SC-3 is anomalous in gold (50 ppb) makes the rusty cordierite bearing rocks on trend with the Boundary-Red Mountain mine an attractive area to prospect.

At the present time Minnova is fully committed to existing projects and will not be able to enter an agreement to explore your Slesse Creek property. Best of luck exploring your ground.

Yours truly

Colin Burge
Project Geologist

COMPANY: MINNOVA INC.
 PROJECT NO: 614
 ATTENTION: COLIN BURGE

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 9/V/0436/R/J/001
 * TYPE ROCK GEOCHEM * DATE: 06-11-1989

| (VALUES IN PPM) | AG | AS | BA | CU | PB | SB | ZN | AU-PFB | |
|-----------------|-----|----|----|-----|-----|----|----|--------|-----------------------------|
| SC-89-002 | 1.1 | 14 | 24 | 374 | 222 | 3 | 99 | 5 | Sulphide Vein, upper road |
| SC-89-003 | .8 | 13 | 66 | 110 | 23 | 1 | 30 | 50 | altered volcanic upper road |
| SC-89-004 | .7 | 8 | 56 | 63 | 26 | 1 | 15 | 5 | altered volcanic upper road |

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(ACT:F26) PAGE 1 OF 2
 FILE NO: 9/V/0436/R/L/001
 * TYPE ROCK GEOCHEM * DATE: 05-11-1989

| (VALUES IN %) | AL2O3 | BAT | CAO | FE2O3 | K2O | MGO | MNO2 | NA2O | P2O5 | SiO2 | TiO2 | S |
|---------------|-------|------|-----|-------|------|------|------|------|------|-------|------|-------|
| SC-89-002 | 3.06 | .008 | .05 | 32.96 | .47 | 3.39 | .04 | .32 | .07 | 41.91 | .08 | 16.20 |
| SC-89-003 | 11.44 | .074 | .01 | 4.03 | 2.98 | 1.39 | .02 | .30 | .01 | 75.05 | .40 | 1.70 |
| SC-89-004 | 17.37 | .081 | .01 | 1.44 | 4.17 | 1.75 | .01 | .85 | .01 | 69.22 | .93 | .66 |

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(ACT:F26) PAGE 2 OF 2
 FILE NO: 9/V/0436/R/L/001
 * TYPE ROCK GEOCHEM * DATE: 06-11-1989

| (VALUES IN %) | TOT(%) |
|---------------|--------|
| SC-89-002 | 98.55 |
| SC-89-003 | 97.38 |
| SC-89-004 | 96.47 |

Attn: C. BURGE

We hereby certify the following Assay of 1 ROCK samples submitted JUN-04-89 by C. BURGE.

| Sample Number | CU % | PB % | ZN % | AG G/TONNE | AG OZ/TON | AS % | AU G/TONNE | AU OZ/TON |
|---------------|-------|------|------|------------|-----------|------|------------|-----------|
| SC-89-001 | 2.360 | .01 | .01 | 8.4 | .25 | .01 | .27 | .008 |

TORB ZONE (GRAB)