

810284

Submitted by: T.D. Lewis  
1978-09-27

for Alex Strebchuk

MOLY CLAIM GROUP

LOCATION: NTS 82K/SW    LAT. 50°15'N/LONG. 117° 30'W

Property is located about 4km southwest of Hills, B.C. in the Slocan Mining district. Access is by 13km of gravel logging road west of Hwy.#6. The molybdenum showing occur on the north side of Shannon Creek.

OWNER: Alex Strebchuk

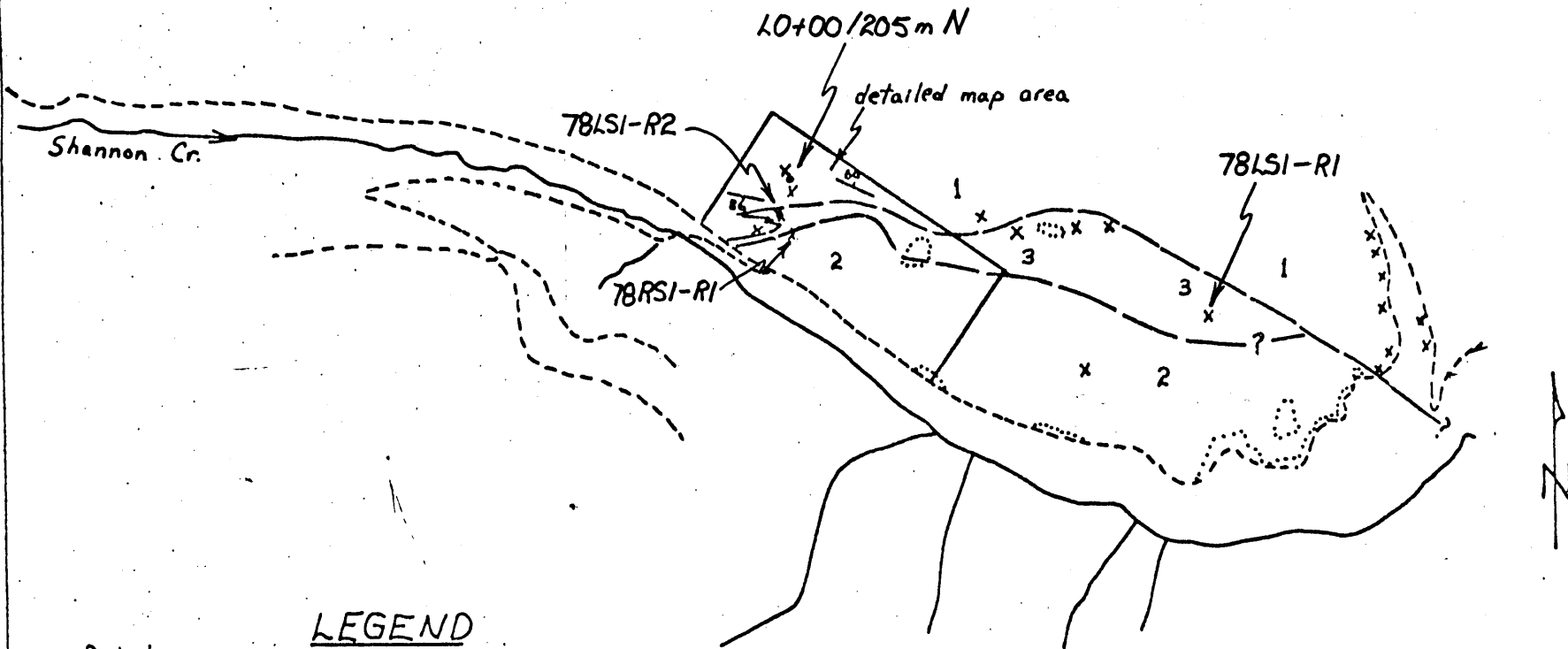
DESCRIPTION:

Alex Strebchuk, working under the Prospectors Assistance Act, has exposed numerous molybdenite showings on the north side of Shannon Creek. Geological mapping on a scale of 1" = ½ mile, and 1:5000 was done over the area to determine geological setting, and extent of molybdenum mineralization. In addition, rock chip samples were taken for chemical analysis for MoS<sub>2</sub>.

Slocan sediments of Triassic age, have been intruded by quartz monzonite and granodiorite. Proceeding northward from the road on the northside of Shannon Creek, the coarse crystalline granodiorite grades into a sugary monzonite phase, containing quartz phenocrysts. This monzonite is bounded on the north by a near easterly contact with Slocan sediments (see figure 1).

Molybdenite occurs as tiny disseminated flecks within the quartz monzonite for a stike length of approximately 1000 metres. Associated with the molybdenum mineralization is a increase in secondary quartz veins, sericite, muscovite, and ferric molybdenite.

One particular molybdenite showing 6 metres in width occurs in the east central portion of the monzonite. Up to 10% molybdenite occurs in highly fractured monzonite. Rusty fractures strike 010, dipping 64° easterly, and 300° dipping 43° northerly (see trench , figure 2). Chip samples were taken here, but chemical assays were not available at time of writing.



LEGEND

Rock types:

3 quartz monzonite

2 granodiorite

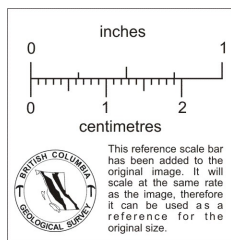
1 metasediments

Symbols:

— geological contact

— bedding

x ○ outcrop



Ministry of Mines & Petroleum Res.

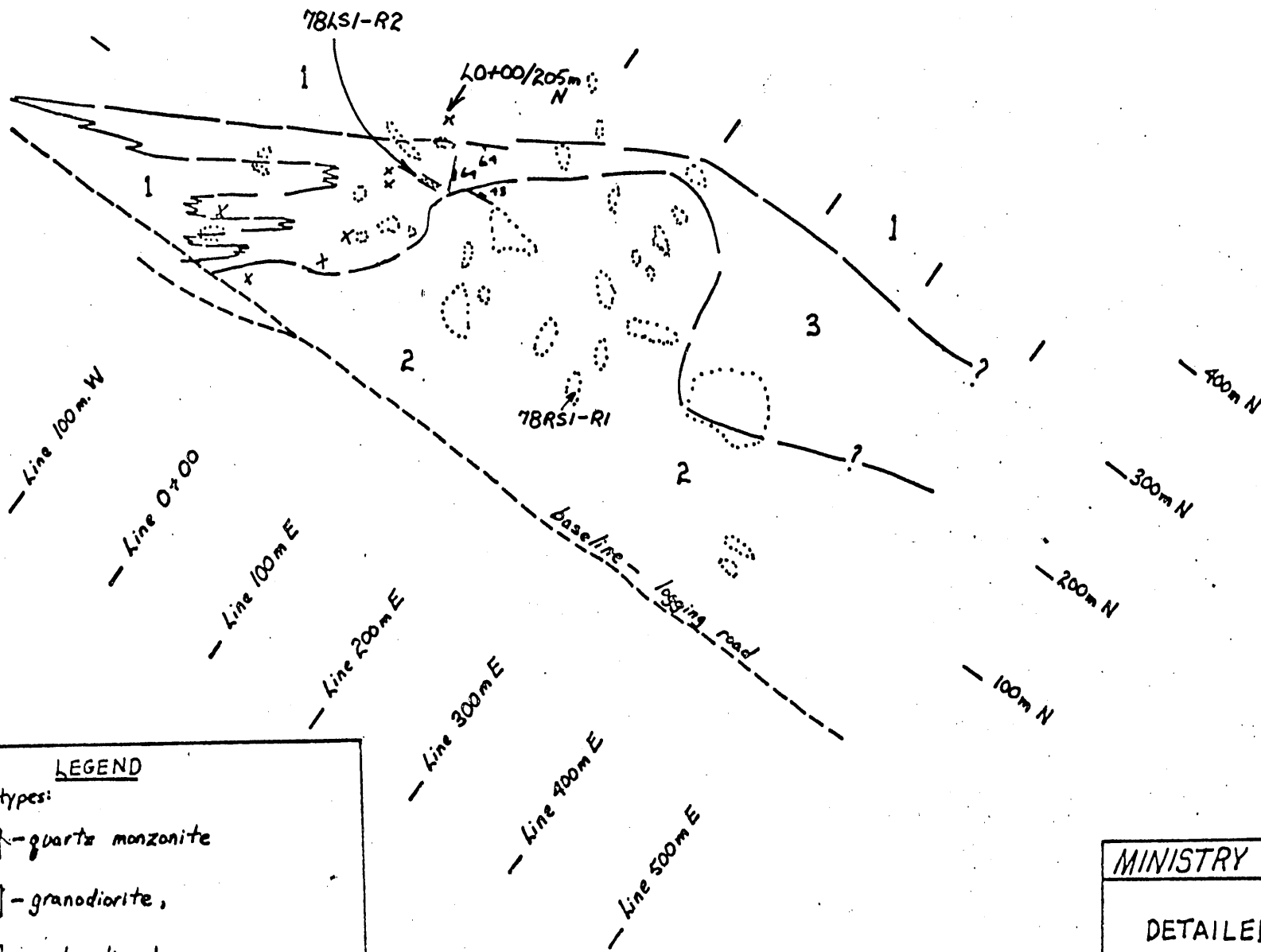
Geology Map of Moly Claims  
SHANNON CREEK AREA,  
B. C.

GEOLOGY BY:  
A. RIVARD & T. D. LEWIS

DATE: SEPT., 1978.

FIGURE: #1

SCALE: 1" = 1/4 mi.



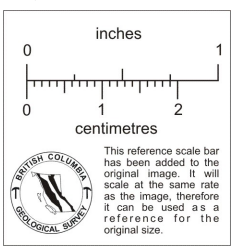
**LEGEND**

Rock types:

- 3 - quartz monzonite
- 2 - granodiorite,
- 1 - metasediments,

Symbols

- bedding, jointing
- outcrop
- geological contact
- fault zone
- trench



**MINISTRY OF MINES & PET. RES.**

**DETAILED GEOLOGY MAP  
OF MOLY CLAIM GROUP  
SHANNON CREEK AREA, B.C.**

<b>GEOLOGY BY:</b> T. LEWIS & A. RIVARD	<b>DATE:</b> AUG. 1978.
<b>FIGURE # 2</b>	<b>SCALE:</b> 1:5,000

### Geochemistry

Four rock samples from the Moly Claim property were assayed for gold, silver, copper, lead, zinc and molybdenum by the Ministry of Mines and Petroleum Resources laboratory in Victoria. The results are tabulated in Table 1.

In addition, a semi quantitative spectrographic analysis was performed on the samples and the results are tabulated in Table 2.

Sample location sites have been plotted on Figure 1, and Figure 2 where applicable. A sample description follows in Table 3.



DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
VICTORIA

SAMPLE RECEIVED FROM..... E. W. GROVE/T. D. Lewis

ADDRESS..... Geological Division

LABORATORY NO.	SUBMITTER'S MARK	LABORATORY REPORT					
		in ppm					
		<u>Au</u>	<u>Ag</u>	<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Mo</u>
19895M	LO+00/205mm N X			122	23	24	5
19896M**	STAN 1	<1	<10	633	17	5475*	15
19897M	78RS1-R1			43	10	31	19
19898M	78LS1-R1	<1	<10	40	13	8	16
19899M	78LS1-R2			91	18	14	1065***

\*0.55% \*\*\* .11% Mo

\*\*Tungsten results to follow.

THIS DOCUMENT, OR ANY PART THEREOF, MAY NOT BE REPRODUCED  
FOR PROMOTIONAL OR ADVERTISING PURPOSES.

DATE..... October 31, 1978

*[Signature]*

CHIEF ANALYST AND ASSAYER.

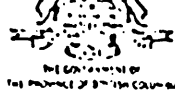


TABLE 2

DEPARTMENT OF MINES AND PETROLEUM RESOURCES  
VICTORIA

SAMPLE RECEIVED FROM..... E. W. GROVE/T. D. Lewis

ADDRESS..... Geological Division

SEMI-QUANTITATIVE SPECTROGRAPHIC ANALYSIS

Laboratory No.	19895M	19896M	19897M	19898M	19899M
Filter's No.	LO+00/205mm	STAN 1	78RS1-R1	78LS1-R1	78LS1-R2
Si	>10.0	>10.0	>10.0	>10.0	>10.0
Mn	0.1	0.07	0.15	0.06	0.05
Al	7.5	7.5	>10.0	10.0	10.0
Mg	1.1	0.6	T	0.015	T
Pb	T	T	T	T	T
Ca	7.5	<1.0	<1.0	<1.0	<1.0
Fe	3.0	6.5	1.5	1.5	3.5
V	T	0.1	T	T	T
Cu	0.01	0.03	T	T	0.01
Ag	T+	T	-	-	-
Zn	-	0.3	-	-	-
Na	1.5	2.0	>2.0	>2.0	>2.0
K	>2.0	1.25	>2.0	>2.0	>2.0
Ti	0.15	0.15	T	T	T
Zr	T	T	T	T	T
Ni	T	0.05	T	T	T
Co	T	T	-	-	-
Sr	0.03	T	T	T	T
Cr	T	0.04	T	T	T
Ba	0.14	0.1	T	T	T
Traces	Ga, Mo+, Y, Yb	Ga, Mo, Y, Yb	Ga, Mo, Be, Y, Yb	Ga, Mo, Be	Ga, Be

THIS DOCUMENT, OR ANY PART THEREOF, MAY NOT BE REPRODUCED FOR PROMOTIONAL OR ADVERTISING PURPOSES.

W N.D. October 31, 1978

N.D.

N.D.

N.D.

Mo 0.13

*[Handwritten signature]*

CHIEF ANALYST AND ASSAYER

TABLE 3

<u>Sample No.</u>	<u>Description</u>
L 0 + 00/205m N	Rock chip sample taken within rusty metasediments (siltstone?). Sample was taken to check if metasediments contained anomalous $\text{MoS}_2$ and thus indicate sediments as a possible source of molybdenum mineralization. Outcrop occurs approximately 30 metres north of main molybdenum showing.
78LS1-R1	Rock chip sample of quartz monzonite containing finely disseminated molybdenite.
78LS1-R2	Rock chip sample taken at main molybdenum showing. Rock is a silified rusty quartz monzonite?? Visually estimated to contain 10% $\text{MoS}_2$ , which is in disagreement with assayed results of .11% Mo. This is partly due to the molybdenite occurs as a surface coding, and is more disseminated within the rock as revealed when the rock was slabbed perpendicular to the surface coding.
78RS1-R1	Information not available.