

5558

SNOWWATER GOLD PROSPECT
N.T.S. 82-F-6. Nelson Area, B.C.
Geochemical Orientation Survey

82F/6W

For: Cordilleran Engineering Ltd.

By: J.J. Barakso
Geochemical Consultant.

August 5, 1975.
North Vancouver, B.C.

CLAIM: SNOWWATER

82F/6W

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 5558 MAP

SNOWWATER GOLD PROSPECT

N.T.S. 82-F-6. Nelson Area, B.C.

The snowwater property is located on headwaters of the Snowwater Creek which is a tributary of Rover Creek approx. 15 miles SW of Nelson, B.C.

The history of this property dates back to 1890 where various adits were driven into gold bearing quartz veins.

The history of this property records that, approx. 1,200 tons of ore were mined and milled which ore was originated from the adits and boulders found along Snowwater Creek.

A few years ago Mr. Whithlock and his partners built a 4-wheel drive access road up to the property and carried out further work.

This property was visited July 15th, 1975 to observe and carry out orientation survey for the possibility to locate the veins.

The area was selected with the most quartz bearing floats by Mr. H. Zukowski and the tributary called hereafter as Boulder Creek, which is a South-Eastern tributary of Snowwater Creek.

Geology:

The Snowwater property is underlain by an intrusive, coarse grained diorite which is part of Nelson batholith. The rock is homogeneous with some exceptions of local shear zones. It is suspected some of the quartz veins may occur with these shears.

Several orebearing floats were located and sampled mainly around Boulder Creek for the possibility of tracing the origin and locate the veins in place of these floats.

Sampling:

The total of 19 samples taken consists of 8 rockchip samples (WR) from various orebearing floats and 6 stream sediment samples (W) along with 5 Heavy Mineral Concentrates (Wcon) from the same stream sample locations. (See location Map). Results of the assays and geochemical analysis are shown in appendix herewith.

Conclusions and Recommendations:

All the sampled boulders indicate appreciable amount of gold and the first 5 assays are pointing to economical potential if reasonable widths can be encountered after the veins are located in place.

The geochemical trace analysis clearly shows that these floats have various trace element enrichments which points to the possibility of that these floats originate from more than one vein, perhaps from the limited number of boulders three sources can be distinguished.

The heavy mineral concentrates from stream sediments gives a very close approximation of presence of the boulders and perhaps close location of veins. Therefore all Creeks of the proposed survey area should be sampled at 100 feet intervals.

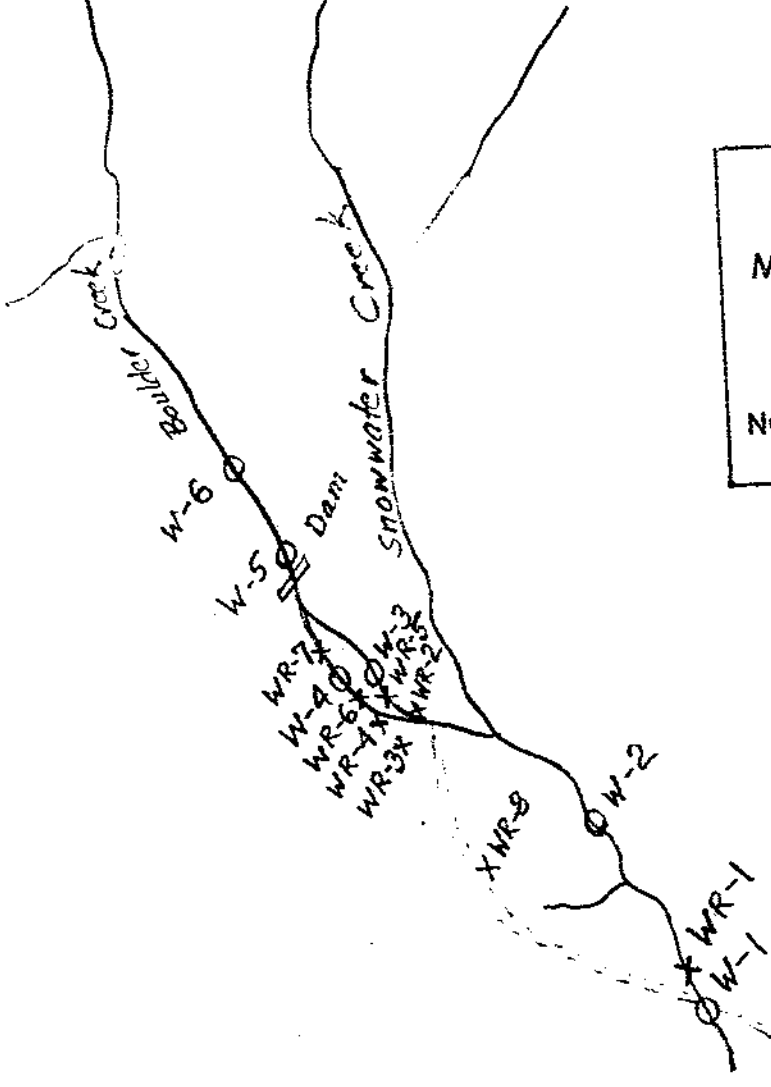
It is recommended that a geochemical soil survey should be carried out on the boulder Creek area with 200 feet line spacing and 50' stations.

All samples should be analysed for trace Molybdenum, Lead, Zinc and Gold.


J.J. Barakso.

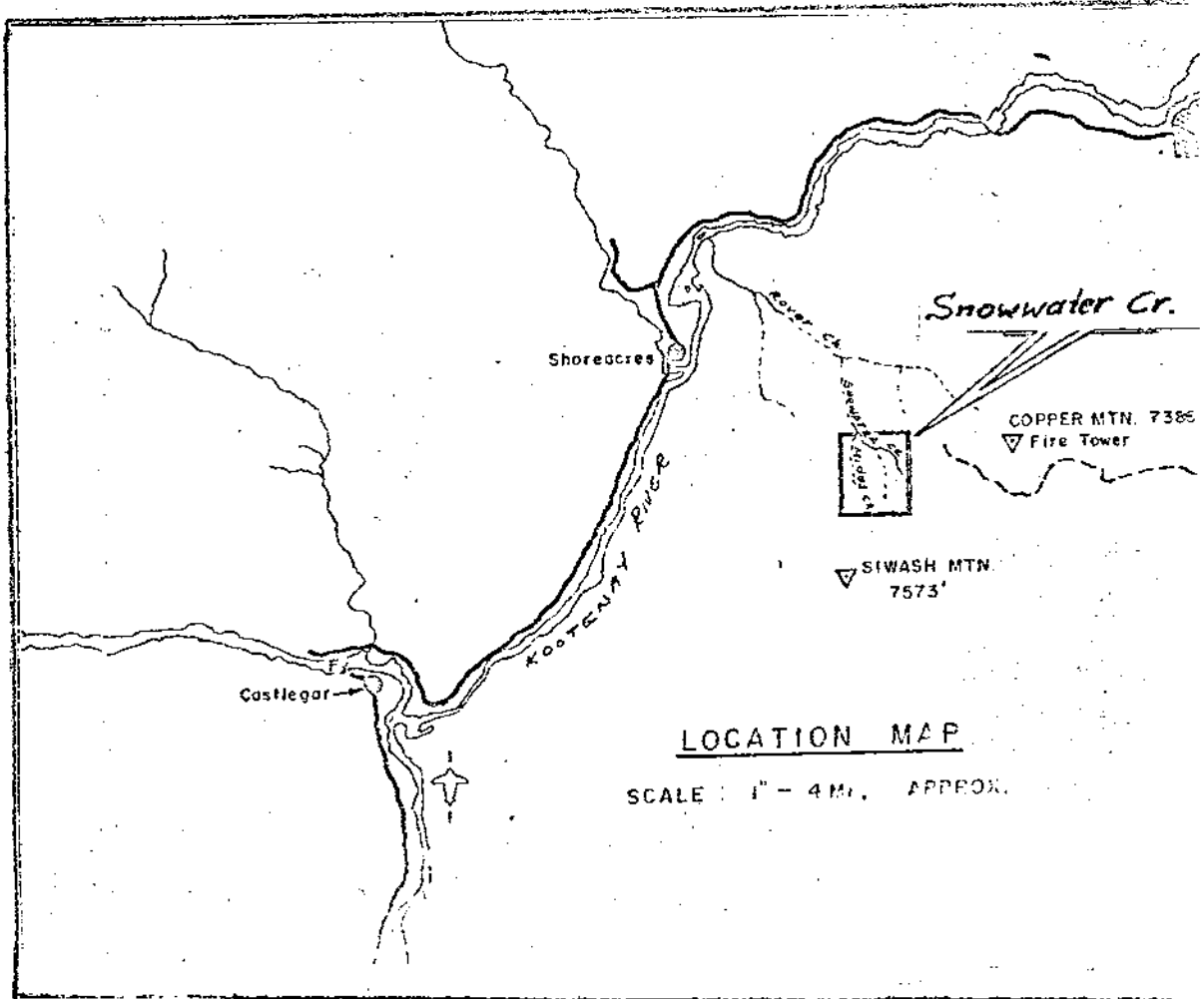
Geochemical Consultant.

Department of
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 ASSESSMENT REPORT
 NO. 5558 MAP 1



Sample Locations

X WR... Rock samples
 O W... Stream Sediment Samples.



LOCATION MAP

SCALE : 1" = 4 Mi. APPROX.

6,000 W

PETER FRAC.

L 15271
CG

TERRY FRAC - 2

71 CG

GOLD COIN

L 15240 CG

SNOW WATER

Au-Floot



Au Showing

L 3137 CG

Au Floot

TERRY FRAC - 1

11420 KM

*WORK DONE WITH
CORDILLERAN WITHIN
BOUNDARIES OF
SNOW WATER N. REASE*

SAMPLE LOCATIONS AND DESCRIPTIONS

Rock Samples:

- | | |
|------|--|
| WR-1 | Mostly sulphides (pyrite) from major boulder in Snowwater Creek. |
| WR-2 | Quartz float in the main channel of boulder Creek. Highly pyritized, disseminated although. |
| WR-3 | Quartz float from metamorphosed vein possibly from shear zone. Pyrite is disseminated although. |
| WR-4 | Quartz boulder from side channel of the Creek, with large blubs of pyrite crystals. |
| WR-5 | Boulder in main channel. Contact rock between diorite and quartz vein fracture mineralization of pyrite is dominant. |
| WR-6 | Boulder in side channel. Diorite with minor quartz veinlets. Disseminated pyrite although. |
| WR-7 | Large boulder in side channel. Contact vein material of diorite and shists well laced with major quartz veins. Disseminated pyrite mostly in the quartz phase with occasional specs of galena. |
| WR-8 | Boulder on cat road about 900' NW from boulder Creek floats. Andesitic tuff with fine grained disseminated pyrite. Occasional minor quartz stringers can be observed. |

Stream Sediment Samples:

- | | |
|-----|---|
| W-1 | Silt sample and Heavy mineral concentrates at cat road crossing on Snowwater Creek. Close to boulder. |
| W-2 | Silt sample at main Creek close to tributary of Boulder Creek. No concentrates were taken. |
| W-3 | Silt and H.M. concentrate at main channel of Boulder Creek. (Close to quartz vein floats). |
| W-4 | Silt sample and H.M. conc. at side channel of boulder Creek. |
| W-5 | Silt and H.M. concentrate samples above dam at boulder Creek. |
| W-6 | Silt and H.M. concentrates 200 feet above dam at boulder Creek. |

PROJECT No.: _____

MIN - EN Laboratories Ltd.

DATE: Aug. 5,
1975.

Sample. Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppm			
6 81	70 86	15 90	20 95	25 100	30 105	35 110	40 115	45 120	50 125	55 130	60 135	65 140	70 145	75 150	80 155
Rocks:															
WR 1	40	920	230	4000				250000		113					
2	4	17	200	41				9000		13					
3	15	24	340	87				7500		70					
4	3	13	22	12				6000		14					
5	12	24	190	1550				9500		27					
6	12	25	62	930				21500		11					
7	21	16	200	86				13000		13					
WR 8	23	27	24	47				25000		6					
Stream Sediments:															
W 1	4.2	13	32	72				0737000		5		56			
2	3.9	12	32	82				0847000		4		05			
3	5.8	15	45	92				1538500		5		275			
4	6.0	16	51	87				0940500		4		01			
5	3.8	14	40	85				0946000		5		62			
W 6	3.4	13	34	71				0837000		4		10			
Concentrates:															
W1 conc								15				05			
2 conc								80				1320			
4 conc								17				145			
5 conc								11				06			
W6 conc								09				07			

CERTIFIED BY

L. W. Tye

CORDILLERAN ENGINEERING LIMITED

MINERAL EXPLORATION
MANAGEMENT AND
ENGINEERING CONSULTANTS

1418-355 BURRARD STREET
VANCOUVER, B.C.
V6C 2P8
TELEPHONE (604) 681-8381

I N V O I C E

September 4, 1975.

Mr. Henry Zukowski
507 - 1st Street
Nelson, B.C.

Re: WHITEWATER GOLD PROSPECT
 82-F-6, Nelson Area,
 British Columbia

EXPENDITURES PAID ON YOUR BEHALF

Min-En	\$229.10
Barakso Consultants	<u>500.00</u>
TOTAL AMOUNT DUE	<u>\$729.10</u>

INVOICE

ACCOUNTS DUE WHEN RENDERED

CORDILLERAN ENGINEERING LIMITED

MINERAL EXPLORATION
MANAGEMENT AND
ENGINEERING CONSULTANTS

1418-355 BARRARD STREET
VANCOUVER, B.C.
V6C 2P8
TELEPHONE (604) 681-8381

INVOICE

July 31, 1975.

Mr. Henry Zukowski
507 - 1st Street
Nelson, B.C.

Re: WHITEWATER GOLD PROSPECT
 N.T.S. 82-F-6, Nelson Area, B.C.

 Property Examination, Search of Claim Records
 and Review of Geochemical Data - Year-to-date

PROFESSIONAL SERVICES, P.Eng.

J. W. Stollery, P.Eng. 3 d x \$150/d 450.00

DISBURSEMENTS:

Bondar Clegg & Co. 15.25
Min En Lab 16.00
Thompson Holidays 155.80 187.05

TOTAL AMOUNT DUE \$637.05

INVOICE
ACCOUNTS DUE WHEN RENDERED