

861929

MEMO TO: File

DATE: July 1, 1982

FROM: G. S. W. Bruce

SUBJECT: Property Offered by HBOG - LH Property: Silverton Area,
Slocan Lake, B.C. 82-F-14

On June 30, I went to the HBOG office on King St. at the invitation of Ed Burgan.

Ed presented data on the captioned property and I examined it quickly. This is a gold-bearing zone of limited dimensions in silicified shear zone within a relatively small septum of volcanic and sedimentary rocks within a generally intrusive terrain.

The east-west striking shear zone, 15-40' wide, is a gold-bearing shoot which plunges west with the slope of the land on which it occurs. Its effective length is effectively 150' and apparently terminates downwards between the 2nd and 3rd adit level. Although grade in a part of the shoot on the 2nd level is good (.4 oz over 34') there is only a miniscule tonnage potential.

On the western portion of the property on Congo Creek, there are some rock chip gold anomalies. On perusing the geological map, it is evident that these are well exposed quartz veins of apparently limited potential. There is virtually no down-slope or down-drainage geochemistry. Significantly, HBOG personnel do not recommend drilling them.

In total, the property appears to have relatively little potential and it is not recommended for the Dome Mines Group.

G. S. W. Bruce

GSWB:rb

→ Wally Bruce

E-W shear 15' - 40' wide
mineral zone plunges W. apparently
bottoms out between
LH 2nd and 3rd adit level

Effective length of shoot 150'
one anomalous section, 2nd level, $\frac{.402}{341}$

COMMODITIES: Gold

TARGET SIZE: 1 million tonnes grading 8 - 10 grams per tonne gold

LOCATION: Southern British Columbia. The property is located 7 km south of Silvertown on the east side of Slocan Lake. The centre of the property is accessible by road. Peripheral claims are best reached by helicopter. 82 F 14 Slocan M.D.

GEOLOGICAL MODEL: Gold - bearing silicified shear zones and quartz veins associated with arsenopyrite.

GEOLOGY: A roof pendant of metavolcanics, pyroclastics and metasediments lies within differentiated phases of the Nelson Batholith. A multiphased Tertiary stock intrudes the roof pendant.

PROPERTY: 350 ha - crown-granted claims - Dome can earn a 60% interest in the property by spending \$1.5 million dollars by the end of 1983. The property is owned by Andalex Resources Inc., a Canadian public company.

EXPENDITURE HISTORY:

	Expenditure		
	Cash	Work	Exploration
1981	\$ 50 000	\$ 194 000	Geology, Geochem AEM, AMAG
1982	<u>50 000</u>	<u> </u>	
Total	\$ 100 000	\$ 194 000	

PROPOSED 1982 PROGRAM:

Diamond drilling (underground and surface) is proposed to test the lateral and depth continuity of previously known gold mineralization. Surface trenching and sampling should be completed to test other less accessible gold geochemical anomalies discovered in 1981.

Recommended Net Expenditure - \$550 000
Minimum Net Expenditure - Nil

MAIN REFERENCES:

Bresee, P. (1981) - Report on Geology, Geochemistry, Airborne Geophysics and Road Preparation. Private company report.

Cairnes, C. E. (1935) - Descriptions of properties in the Slocan mining camp, B.C. G.S.C. Memoir 184, pp. 66 - 68

Ed Bergen feels that the tunnel zone is pretty well delimited and the best chances are in exploration of geochem anomalies specifically - rock chip geochem on S. side →

of Congo Creek at a couple of stations

11 and 20 g/tone. - Geologic maps

shows known veins at these points

These are defined veins in A/C and
no recommendations are made for
drilling so I assume they are not
too impressive - very little Au or As downstream
or in Congo Creek drainage.

Roof Pendant - rel small

Year	Expenditure	Work	Exploration
1981	\$ 50,000	Geology, Geochem	AEM, AMAG
1982	30,000		
Total	\$ 100,000		

PROPERTY HISTORY: EXPENDITURE

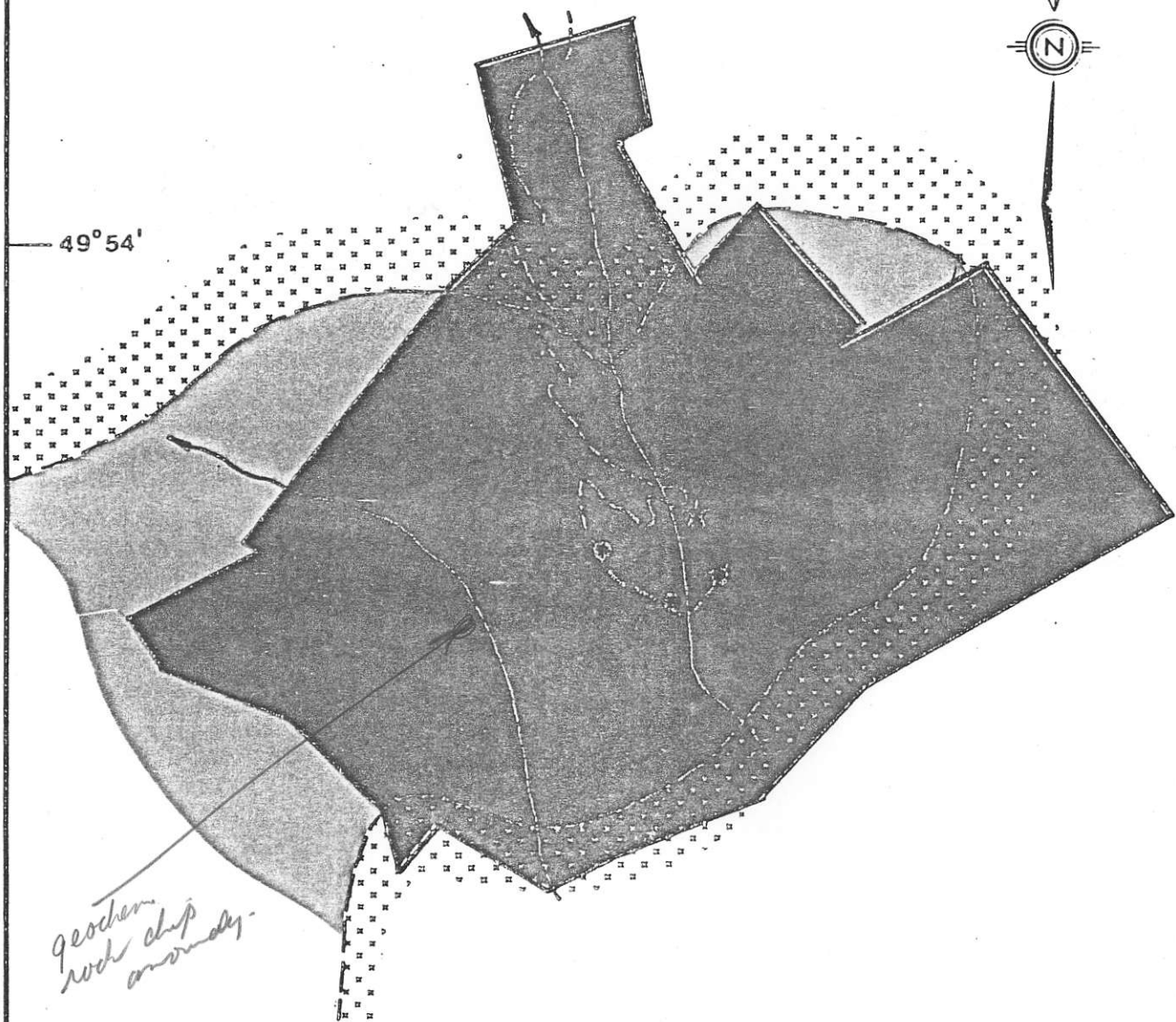
PROPERTY PROGRAM: Element being (underground and surface) is proposed to test the lateral and depth continuity of previously known gold mineralization. Surface trenching and sampling should be completed to test other less accessible gold potential. Mineralized discovered in 1981.

Recommended Net Expenditure - \$50,000
Minimum Net Expenditure - Nil

MAIN REFERENCE: Brown, P. (1981) - Report on Geology, Geochemistry, Structure, and Resource Preparation. Private company report.
Cairney, C. E. (1975) - Descriptions of properties in the Sticcon mining camp, B.C. G.S.C. Memoir 184, pp. 65 - 68.

117° 20'

49° 54'



*gaochen
rock chip
anomaly*



Metasediments & Metavolcanics



Porphyritic Granite



DOME Option Property

— — — Proposed Road Extension



Proposed Diamond Drill Hole

~ ~ ~ Creek



Gold Deposit

200 0 200 600 1000 M.



LH
1982