1870 0047

RYAN CANYON PROSPECT

T.9N R. 31E

The Ryan Canyon Prospect is located in the Gillis Range, northeast of Hawthorne, Nevada. Access to the property is via highway and gravel county road from Hawthorne about 5 miles northeast of the S.P. R.R. station at Thorne.

The general geologic setting of this area as seen on the Mineral County geologic map, shows the Gillis Range formed by a series of volcanics, tuffs, clastics of triassic age (Excelsior Fm).

In the area of this prospect the Excelsior formation has been intruded by a stock of quartz monzonite in part porphyritic. Intense pyriteization of the stock was observed. A zone of silicified breccia bearing malachite, azurite and minor cinnabar occurs within about 2500 feet of the observed portion of the quartz monzonite stock. The breccia zone is exposed by a series of bulldozer cuts and appears to be of sufficient size to warrent further investigation.

It seems that the intense pyrization of the quartz monzonite porphyry stock and the addition of copper into brecciated zone are related in time and space and taken together offer a reasonably good chance for the discovery of a large copper deposit in the area.

It is recommended that a short option be taken on this property for the purpose of preparing a reconnaissance geologic map of the breccia zone, quartz monzonite stock and spacial relationship of these units. At the same time a series of

rock samples from the breccia zone and stock should be taken for Emission Spectrographic Analysis.

A 60 day option should be sufficient for the recommended work allowing 2 to 3 weeks of field work to prepare the maps with an additional 2 to 3 weeks for sample analysis and returns.

Lester Greenwood

Lester Greenwood

Date: 2/12/71

GEOLOGICAL ABSTRACT OF MINING PROPERTIES

METALS Copper-Moly

NAME: Ryan Canyon
OWNER: Ken. Palosky
INTERMEDIARY: North American Exp.
STATE: Nevada
COUNTY: Mineral
DATE OF VISIT: Jan. 13, 1970
TOWNSHIP: T 9N
RANGE: R 31E
TOPO MAP: Walker Lake 1/250 000
NEAREST TOWN: Hawthorn
ROAD: Excellent, gravel
POWER LINE: 6 Miles
WATER: 6 Miles (Thorn)
NUMBER OF CLAIMS: 116
PATENTED: No
UNPATENTED: Yes

GEOLOGIC and/or MINING PUBLICATIONS: None

Date:	Operator:	Scale:	Mine: Production	Mine: Grade	Showings: Nature	Showings: Grade
			None	--	Azurite Malachite	? Est. +1%

GEOLOGICAL SETTING - Regional Description, host rocks:

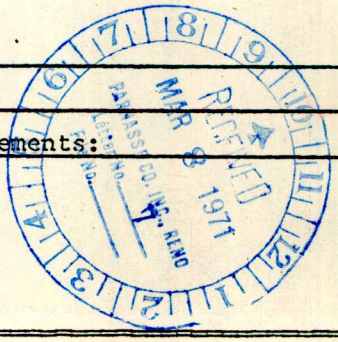
Excelsior form (Triassic) felsic volcanics + clastics, some tuff.
Breccia Zone of Malachite bearing Silicified (Rhyolite?).

- Intrusive rocks related to the ore: Quartz Monzonite Porphyry, Quartz Monzonite.
- Alterations: Pyriteization, Argillic Alt., Sericitization Silicification

Mineralizations Type: Malachite, Minor Cinnabar, Silver, Pyrite, Pyrrhotite

Hypogene:

Supergene: Malachite



Evaluation

Favorable Elements:	Unfavorable Elements:
Silicified Breccia Zone with Malachite Alteration - Pyritization, Argillic Alt;	Etc.

LEGAL STATUS

Land Status: 116 Valid Claims
Extensions and neigbors: Unknown

Type of Agreement requested

Option	End Price
$300/Mo. for First Year $600/Mo. for Second Year	$1,000,000.00

EVALUATION OF SUBJECT

Size of Subject: Tonnage	Size of Subject: Grade	Probability of discovery
20,000,000+ tons	1%+ Copper	Good

Remarks:

Recommend short option period for recon mapping and rock samples