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Prop. Sub.
W. Abraham
(Smithers Area)

November 28, 1977

Mr. W. Abraham
Golden Gate Explorations Ltd.
425 Howe Street
Vancouver, B.C.

Dear Bill,

Re: Smithers Area Showings

I enclose a copy of a short report on our Mr. Hanson's visit to your showings near French Peak. While the general country rock association of andesitic and pyroclastic rocks is promising, there seems little doubt that the observable mineralization is restricted to a fault zone. The question remains as to whether this is a localized concentration from generally disseminated mineralization, or whether it could be an indicator for a more massive sulphide source at depth. Samples have been placed for assay and the results and metal ratios might give us some clue.

In general, the showings appear to be inconclusive and some extensive geophysical surveys would be needed to indicate their potential. Considering our present commitments in the Yukon and elsewhere, this is not something we would want to take on at this time. If you are going to retain the property and carry out geophysical surveys, I would suggest a deep searching tool like Turam or modified I.P., to test possibilities other than the extension of the known showings.

Yours truly,

CYPRUS ANVIL MINING CORPORATION

JGS/cb
Encl.

J. G. Simpson
Vice President, Exploration

To

G. Simpson

Date

November 22, 1977

From

D. Hanson

Subject

GOLDEN GATE SHOWING
OMINECA M.D.

The Golden Gate showing is located at latitude 55° 25' north, longitude 126° 54' west, four (4) miles northwest of French Peak in the Babine Lake area of the Omineca Mining District. Access to the property was by helicopter from Smithers.

The mineralization is restricted to a two (2) foot wide fault zone striking at 148° and dipping at 54° to the southwest. The fault terminates against a creek to the northwest and disappears under overburden approximately 200 feet to the southeast.

In the northwest end of the showing, coarse grained massive sulfide (mainly pyrite) mineralization shows good fault contact relationship with the host rock. A shear zone one-half inch wide with minor gouge is visible at both hanging-wall and foot-wall contacts. To the southeast along strike, massive sulfides grade into fracture filled and breccia infilled zones with quartz gangue. Pyrite and sphalerite were the principle sulfides observed, but minor amounts of chalcopyrite and galena are also visible. Source of the mineralization is unknown.

The host rocks are silicified, light grey green aphanitic volcanic (andesitic?) flows interbedded with minor pyroclastic (?) and sedimentary rocks with contact and bedding attitudes striking at 130° and dipping 82° to the southwest.


D. Hanson

Exploration Geologist

DH/mm

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ANVIL VCR

ANVIL ENG FARO
TO GLEN SIMPSON URGENT URGENT URGENT

FROM DARYL HANSON

DATE NOV. 22/77 8:40 AM

RE GOLDEN GATE SHOWING - OMINECA M.D.

THE GOLDEN GATE SHOWING IS LOCATED AT LATITUDE 55 DEG 25 MIN NORTH, LONGITUDE 126 DEG 54 MIN WEST, FOUR (4) MILES NORTHWEST OF FRENCH PEAK IN THE BABINE LAKE AREA OF THE OMINECA MINING DISTRICT. ACCESS TO THE PROPERTY WAS BY HELICOPTER FROM SMITHERS.

THE MINERALIZATION IS RESTRICTED TO A TWO (2) FOOT WIDE FAULT ZONE STRIKING AT 148 DEG AND DIPPING AT 54 DEG TO THE SOUTHWEST. THE FAULT TERMINATES AGAINST A CREEK TO THE NORTHWEST AND DISAPPEARS UNDER OVERBURDEN APPROXIMATELY 200 FEET TO THE SOUTHEAST.

IN THE NORTHWEST END OF THE SHOWING, COARSE GRAINED MASSIVE SULFIDE (MAINLY PYRITE) MINERALIZATION SHOWS GOOD FAULT CONTACT RELATIONSHIP WITH THE HOST ROCK. A SHEAR ZONE ONE-HALF INCH WIDE WITH MINOR GOUGE IS VISIBLE AT BOTH HANGING-WALL AND FOOT-WALL CONTACTS. TO THE SOUTHEAST ALONG STRIKE, MASSIVE SULFIDES GRADE INTO FRACTURE FILLED AND BRECCIA INFILLED ZONES WITH QUARTZ GANGUE. PYRITE AND SPHALERITE WERE THE PRINCIPLE SULFIDES OBSERVED, BUT MINOR AMOUNTS OF CHALCOPYRITE AND GALENA ARE ALSO VISIBLE. SOURCE OF THE MINERALIZATION IS UNKNOWN.

THE HOST ROCKS ARE SILICIFIED, LIGHT GREY GREEN APHANITIC VOLCANIC (ANDESITIC?) FLOWS INTERBEDDED WITH MINOR PYROCLASTIC (?) AND SEDIMENTARY ROCKS WITH CONTACT AND BEDDING ATTITUDES STRIKING AT 130 DEG AND DIPPING 82 DEG TO THE SOUTHWEST.

MEMO BEING MAILED TODAY.

DARYL HANSON
EXPLORATION GEOLOGIST

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ANVIL VCR

ANVIL ENG FARO