MOORE CREEK PROPERTY EXAMINATION

NICOLA AND KAMLOOPS MINING DIVISIONS BRITISH COLUMBIA

N.T.S. 921-8W

April 13, 1980

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SUMMARY AND CONCLUSIONS

The Hollis Creek property is presented as a silver prospect on the grounds that an old percussion drill hole on the property cut a reported 30 feet of 2 ounce per ton silver at a depth of 170 to 200 feet. This hole was drilled by Sumitomo Mining in about 1973.

No cuttings were located at the reported collar site and there is no outcrop in the immediate area on which to base an opinion.

Efforts should be made to locate the Sumitomo records to confirm their drill results. If these records are not available the site should be redrilled to check the result.

Elsewhere on the property sparse outcrop of rhyolite and rhyolite (?) tuff was noted so the possibility of volcanogenic mineralization in the area should be kept in mind.

INTRODUCTION

The property was examined on April 11, 1980. The writer was accompanied by Mr. Jim McDonald and Mr. Jean Stonehouser, the owners of the claims.

Mr. Stonehouser was involved in the work done on the property by Sumitomo and was familiar with the locations of the drill collars.

All Sumitomo drill sites were visited and various outcrops on the claims were examined.

DATA SUBMITTED

Various assessment reports on work done by small companies in and around the Hollis Creek area mainly during 1972-73 and one map produced by Newconex Canadian Exploration Ltd. and dated 30/11/1972. Much of the Sumitomo work was overprinted on this map.

Apart from the Newconex-Sumitomo map most of the data was of little value during the present examination however it may be useful background for further work. The Newconex-Sumitomo map shows geochemical, I.P. and S.P. results for the area and plots the location of Sumitomo's percussion holes.

LOCATION AND ACCESS

The property is located about 32 kilometers south of Kamloops, B.C. The specific location is $50^{\circ}28'N$ latitude and $120^{\circ}28'N$ longitude. The property can be reached from Merritt or Kamloops via Highway No. 5. About 35 kilometers south of Kamloops, a gravel road leaves Highway No. 5 on the west side. A network of ranch roads lead to the property about 9.5 road-kilometers to the west of the highway.

PREVIOUS WORK

The Moore Creek-Hollis Creek area has been known to show anomalous stream sediment geochemistry (copper and molybdenum) since the early 1960's. Reconnaissance programs were run over the area at that time in the search for porphyry copper deposits without indicating anything justifying serious physical work.

Later, in the early 1970's, more porphyry copper investigations were carried out in the area. The work of present interest includes a soil geochemical

survey done by Newconex and geological mapping, I.P. and S.P. surveys carried out by Sumitomo. The results of this work are in hand except the geological mapping and the drill assays.

REGIONAL GEOLOGY

The property lies in a contact area between Upper Triassic Nicola volcanics on the east and the Jurassic (?) or younger Nicola Batholith on the west. Within the Nicola Batholith there are blocks of schist and other material of possible Paleozoic age.

PROPERTY GEOLOGY

No map of the property geology is presently available although one is believed to exist in Sumitomo files.

The outcrops seen during the property examination were mainly andesitic Nicola volcanics and various intermediate intrusive phases of the Nicola Batholith.

In addition several outcrops were noted consisting of altered intermediate to acid volcanic tuff and in at least one case, of good rhyolite. These rocks may be some of the Paleozoic (?) rocks noted in the area by the G.S.C., however in the writer's opinion they seem more likely to be part of the Nicola volcanics. Further work is needed to clarify this point.

Of the eleven percussion holes put down by Sumitomo on the property the bulk were reported to have cut intrusive rocks. The two holes from which cuttings were found on the drill site during the examination were said to have cut intrusives. However an examination by the writer of washed chips

from the cuttings indicated that they were composed of altered acid tuffaceous materal in both cases.

The hole which assayed 2 oz./ton silver for the lower 30 feet was reported to be in graphitic material for its full 200 feet. No chips were located near the collar at this hole and no further information is in hand.

ECONOMIC POTENTIAL

In view of the limited available information it is difficult to evaluate the potential of the property.

The hole in which the values were reported is on an S.P. anomalous zone some 2000 feet long. However four other holes were drilled at points along this anomaly where it was supported by anomalous I.P. None of these holes reported silver or graphite but it is not clear that they were all assayed for silver.

The best silver geochemistry is mainly in valley fill material and is clearly transported. The silver-bearing hole lies within the potential source area for the anomalous geochemistry.

No E.M. has been run over the property. Since the silver is stated to occur in graphitic material it seems likely that E.M. would be a useful tool.

RECOMMENDATIONS

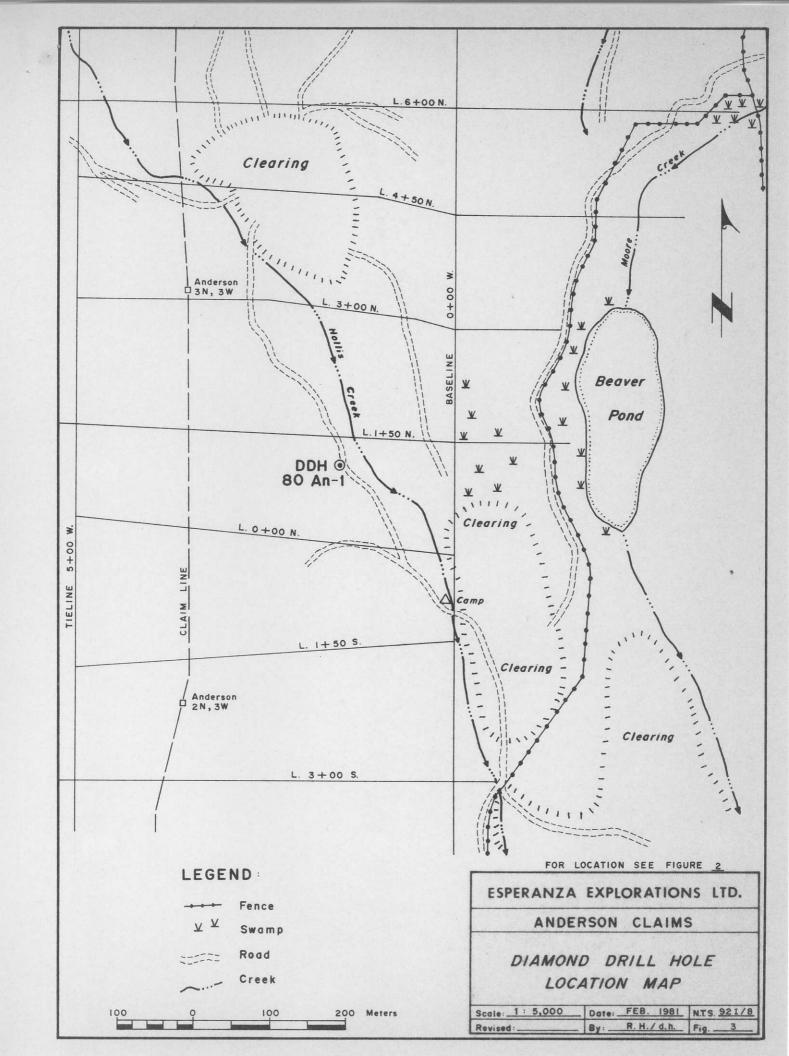
It is recommended that Sumitomo's drill results be obtained if possible. If the results are not available the site should be redrilled.

If the results are confirmed by either of the above routes the property should be geologically mapped and a test E.M. line should be run over the graphite area. If the graphite responds an E.M. survey should be run over the property before further drilling is undertaken.

Respectfully submitted

"G.H. Rayner, P.Eng."

West Vancouver, B.C. April 13, 1980.



PAUL 21 _ DAUL 22 ROCK TYPES Amphibolite chlorite schist Biotite chlorite schist Quartz hornblende feldspar gneiss Garnetiferous quartzite Aplite(Garnetiferous) Leucocratic quartz diorite (foliated) Schistose Nicola (flows and tuff) パニドニニュニニニニニ PAUL 10 PAUL 9 Claim post, name, location line Y Y Y Swamp # 1 # 7 # \$. HOLLIS CREEK AREA GEOLOGY MAP N.T.S File: 92-1-8W DATE: 30/11/72 This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size. Drawn by : A.L.M To accompany report WEBBER PROJECT REPORT 72 FIG.5, 92-1-8