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Examination of Data:

The following reports re the Swift River property of Boswell River Mines Ltd. were made available to the Anvil geological staff:

1. P. H. Sevensma - Dan Group - 105 B-3 Airborne Geophysical Survey 1968
2. P. J. Fominoff and Jon G. Baird - Turam E.M. Survey, Watson Lake Area, 1971
3. Seigel Associates Ltd. Preliminary Report on the Red Claim Group, 1971
4. J. W. McLeod and P. H. Sevensma - Dan Group, Summary of 1968 Programme, 1969
5. H. Wober, Consultant, Report on the Exploration Work in 1971 on the Swift River Property of Boswell River Mines Ltd., Feb. 1972

Copies of the above reports and maps have been retained for our files.

History:

The property was staked in 1966 and the Dan group expanded to 82 claims in 1968. Prior discovery of silver-lead-zinc mineralization was made by prospectors of Hudson Bay M & S Co. in 1946. Minor drilling was completed in 1952 and some trenching in 1964. The G.S.C. mapped the area and flew an aeromagnetic survey between 1951 and 1961. Numerous small showings and abundant pyrrhotite float are found on the property.

Access:

Is by truck road running north and west from mile 722 on the Alaska Highway, a distance of 15 miles.

Summary:

Work to date has consisted of soil sampling, silt sampling, airborne and ground geophysical surveys, minor drilling and extensive trenching, access tote roads extend to most parts of the property. The results and the presentation of the various work programmes were inconclusive. Minor silver-lead-zinc showings were found in some trenches and a few intersections were cut in the drill holes, none of any consequence.

Conclusions:

1. The initial stream silt and soil sampling programme was conducted in a rather loose manner and apparently without adequate supervision, i.e. Sevensma Report July 7, 1969, page 5, Central Valley Area. A 17 sample soil survey was completed, but neither the location map or the results could be found. (Comment) A total of 17 soil samples can hardly be called a soil survey programme and losing the map and the results is even worse.

2. Drumlin Valley Area - 3 miles of baseline surveyed and soil sampled but no cross lines. The same procedures applied in other parts of the area.

3. Despite several recommendations to complete the geological mapping in detail, there are no adequate geological maps of outcrops or trenches.

4. Interpretation and presentation of results is more or less on the basis of geochemical and geophysical results with little or no attention to the geological background.

5. Geophysical follow-up on certain targets defined by an E.M. 16 anomaly. It is this writer's opinion that the E.M. 16 may have some limited value in tracing known veins or their probable extensions, beyond that the equipment has no value, and certainly should not be used as a reconnaissance exploration tool. The principal application of the E.M. 16 is to generate a cash flow for consultants.

6. D.D.H. RV-1 in the rusty valley area shows an intersection from 68.2 - 105.5 = 37.3' Avg. 0.15 ox. Ag/ton, 0.14% Pb and 5.97% Zn. This area is of some interest.

7. Mineralization is believed to be strataform or stratabound contact metamorphic type, that the bases are generally small size. It has not been proven that all of the mineralized zones represent areas of limited size and/or grade.

8. It is not presently known as to what extent the work recommended by H. Wober in his Feb. 1972 report has been implemented, probably none.

Recommendations:

1. To discuss with Mr. Wilfred McKinnon the various previous work programmes with particular reference to any work completed on the property since Feb. 1972.

2. To conduct an on site examination of the showings accompanied by Mr. McKinnon.

3. Re-appraise the Dan claims based on the results of the examination and either reject or option the property.

Comment:

It is believed that if recommended, the property could be obtained on a reasonable proposition favourable to Anvil.

Mr. Jennings is the senior staff member with the most experience in the immediate area of the Dan group and has in fact looked at the trenches and the drill core. A meeting should be arranged between McKinnon and Jennings to discuss their joint relative knowledge of the mineralized areas.



A. Allan
Geologist

Oct. 3, 1973