

December 1, 1958.

WAGNER PROPERTY - Lardeau District.

The purpose of this report is to summarize and collect available data on this property and also point out recent findings made by the removal of additional overburden and further recession of glacial ice during the summer of 1958.

Details of the property with regard to location, geology, etc., are adequately outlined in the following reports, copies of which are attached hereto.

Preliminary Report on the J.A.W. Group by J.H. Eby, Aug. 1, 1929  
Wagner Showings, Lardeau District by L. White & H.H. Huestis, Sept. 1946  
Wagner, Abbott & Jewell Groups, Lardeau-Ainsworth M.D. by  
A. G. Pentland - no date (1952)?

A detailed geological mapping and sampling program was carried out in 1949 by St. Jo. Lead which company also conducted a limited diamond drilling program from the glacier. The results of the diamond drilling were inconclusive because of the difficulty drilling through ice and overburden and also of the limited amount of work completed. The only complete set of geological maps prepared by St. Jo. Lead appear to be in the files of the Mines Dept. at Nelson, B. C. With the consent of Mr. Joe Gallo, Mr. J. E. Merritt, Mine Inspector will permit these to be examined or copied at that office but cannot be removed.

Considerable stripping was done by Mr. Gallo and the writer during August and September 1958. This work resulted in exposing a higher grade ore lens on the hanging wall side of the vein and is shown on the attached assay plan under samples by J.A.C. Ross."

This portion of the vein was not exposed when previous sampling or examinations were made. As a result of the unusually hot summer considerable recession was noted in the glacier covering part of the vein. This resulted in exposing another high grade lens which it is believed had not previously been visible. This latter section is difficult to sample properly since it is visible only on the bottom of the creek. By visible examination it is estimated to contain between 15 - 20% combined lead and zinc across 2 to 3 ft. Analysis of samples indicate silver content to run about 0.9 oz. to each percent of lead. A 10" band in this section assayed 25 oz. of silver and 37.4% lead (see plan) Considerable high grade float is visible in the creek bottom.

Samples taken by the writer were located by compass survey which also served to correlate adit, surface outcrop and previous sampling. The elevation of the adit and most southern exposure of the vein is estimated to be about 7350' above sea level.

In 1952 - 52 a road was constructed to the property by Sheep Creek Gold Mines. During the summer and fall of 1953 this Company also completed approximately 600' of tunneling of which 350' consisted of drifting along the vein and the remaining 250' cross-cutting to the vein.

The results from the drifting program were disappointing and were successful in finding only a limited amount of mineralization although the 45' section from 315' to 360' from the collar averaged 10.0% Pb. and 1.2% Zn. across 2 ft. This should also contain about 9.0 oz. of silver per ton. One face sample assayed 48.5% Pb. and 7.5% Zn. across 2 ft. From examination of the vein on surface, occurrences of this type are not to be considered erratics since there undoubtedly exists extremely high grade sections throughout the vein.

From a study of the vein outcrop it is rather surprising that the drift did not encounter substantially more mineralization. However, it will be noted that if the ore occurrences noted on the surface had even slight rakes it is possible that the downward extensions exist just beyond both extremities of the drift. The drift cannot be examined as it is caved 75 ft. from the portal.

Sheep Creek carried out considerable stripping with a bulldozer, endeavouring to locate a vein structure on the Francis Jewell Showing. Several diamond drill holes were also put down for the same purpose. It is reported by Company officials that no ore occurrences of importance were found by this work.

The writer also visited the main showings on the Abbott Mineral Claim. A short crosscut has been driven beneath a high grade lead showing. At the collar of this crosscut, a 2.5 ft. vein assayed 7.1 oz. silver; 3.0% lead, and 16.8% zinc. At the face of the x-cut, about 20 ft. from the portal, a 6 ft. winze has been sunk on another vein. The 5 ft. vein in this winze assayed 6.3 oz. silver; 7.0% lead and 14.1% zinc. While these showings did not appear to have any great lateral extent, insufficient work was carried out endeavouring to trace them. A crosscut approximately 100 ft. lower down the hillside is caved but is reported to have been 100 ft. long, but stopped short of cutting the possible downward extension of the vein.

The Wagner property is an interesting prospect and in my opinion has possibilities of becoming a small high grade lead-silver mine. Major expenditures have been made in completing a detailed geological study, constructing an access road to the mine, and a start on an underground exploration program. As a result, the property is in such a condition that its mine-making potential could be determined in a comparatively short time and without too great a capital outlay.

Yours very truly,

" J. A. C. Ross" P. Eng.

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