

VISIT TO ATLIN RUFFNER (SILVER) MINE - September 30, 1975

The property is located on Vaughan Mountain about 10 miles up Fourth of July Creek from Atlin Lake and 14 miles by road from Atlin. Gene Laramy, the mine manager, accompanied us on our tour. Other principals (promoters) in the property are men named Snell and Dansey. Apparently Ted Grove worked on the property in 1954 for White Pass Yukon rail. We drove to the top showings (elev. 5600 ft.) and looked at dumps at portal 4AA (elev. 5400 ft.) where I saw good N<sub>2</sub>S and PbS, and portal 2B (elev. 5650 ft.) approx. 400 ft. north of 4AA where I saw minor qtz. veins with fn. gr. PbS and cpy and very minor ZnS. The overall host rock is a typical mafic quartz monzonite to granodiorite. We then drove down to the 4E adit (elev. 5100 ft.) where a crew was presently working on a coarse grained vein containing PbS and minor arsenopyrite, pyrite and chalcopyrite. (Any tetrahedrite?). We then returned to the camp and looked at available maps. The following notes were taken from reports and maps"

- ~ 42,000 tons @ 9 oz./ton Ag
- av. width of ore 3 - 6 ft.
- minor po and MoS<sub>2</sub> and native Ag (wire) + proussite (Ag) + pyrrargyrite
- veins approx. E-W with steep dip ~80°

The camp is still to be constructed for use this winter. At least 2 full families plan to stay there.

After lunch we drove up to the "2" vein system and went underground. Inside I saw a good 3 ft. vein of massive PbS and ZnS. Outside the portal, a 4 ft. wide basalt dyke occurs. Some high-grade was taken from the dump. Included were cpy, arseno, PbS, ZnS and py. We then drove down to the site of mill construction and tailings pond preparation. A mill with capacity of 25 ton/day with a crusher 'above' was being constructed. We then drove slightly above the mill to the caved portal on 3900 ft. level where Interprovincial Silver drove into in the late '60's for promotion. (i.e. project veins up to 4300 ft. level, etc.). The glacial features of the whole area are exceptional, especially the "kettle and kame" features and the large amount of glacial moraine (eg. at 3900 ft. level) and the long drumlins.