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TERRITORY OF ALASKA

DEPARTMENT OF MINES

JUNEAU, ALASKA

J. H. Petersburg
PE-117-5
1948

MEMORANDUM REPORT to B. D. STEWART, COMMISSIONER of MINES, *KX117-29*
on TAYLOR CREEK LEAD-ZINC PROSPECT, DUNCAN CANAL, KUPREANOF ISLAND, ALASKA

The original examination of the Taylor Creek Lead-Zinc Prospect on Kupreanof Island, for the Territorial Department of Mines, was made on June 16, 1946 by J. C. Roehm, Associate Mining Engineer. Data was obtained by Mr. Roehm from which a map of the prospect was drawn on December 16, 1946.

Mr. Roehm observed several sulphide zones containing pyrite, galena, and sphalerite in the channel of Taylor Creek approximately two miles from the beach. Mineralization was also observed about 700 feet to the north on the crest of a hill. Samples cut by Mr. Roehm gave encouraging assays in lead and zinc with small amounts of gold and silver. (See accompanying map.)

Claims were staked by Ora P. Schoonover of Juneau and George Beckett of Petersburg. Some surface trenching was done along the creek.

At the request of Mr. Schoonover, a re-examination of the property was attempted in June, 1948 by Howard M. Fowler, Associate Mining Engineer, for the Territorial Department of Mines. Heavy rains with resultant high water in the creek made satisfactory examination impossible. However, some samples were obtained which seemed to bear out the encouraging results obtained by Mr. Roehm. (See map.) Mr. Schoonover was advised to continue trenching and prospecting in the area as possibilities of a large low-grade lead-zinc deposit were indicated.

During the fall of 1948, the U. S. Bureau of Mines drilled four diamond drill holes on the property with unfavorable results. However, because of inadequate preliminary trenching, it appears doubtful if the drill holes were so placed and directed as to be determinative of the presence or absence of orebodies within the mineralized zone. It has been recommended to Mr. Schoonover that a systematic trenching program be inaugurated at which time the property will again be examined by the Department of Mines.

Respectfully submitted,

Howard M. Fowler

Howard M. Fowler
Associate Mining Engineer