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James Doyle Sell Mining Collection

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AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

April 10, 1950

FILE MEMORANDUMGALLURO MINESunker Hill District
Pima County, Arizona

A brief visit to this prospect, situated 18 miles southeast of Mammoth by road plus two miles by trail, was made on April 5th, 1950, with Mr. Hognason as guide.

The district lies along the west flank of the Galluro range in the southern extremity of a narrow, elongated window of pre-Cambrian rocks. Westerly the basement rocks are concealed by the alluvial slope deposits of the San Pedro Valley. Impure diatomaceous earth deposits are reported to occur in the latter. Easterly a thick series of late (?) Tertiary volcanic flows lie on an old erosion surface of the pre-Cambrian rocks.

The prospect consists of feeble copper mineralization in two narrow, nearly vertical shear zones, striking N 70° E, in a granite-schist complex. In two shallow shafts, sunk on the best showings of green oxide copper minerals (chlorides and carbonates) a maximum width of five feet of altered, weakly-mineralized rock was exposed. One cut contained a half-inch stringer of chalcocite about 15 feet below the surface. The dumps from two shafts contained nothing of interest.

The "schist" may possibly belong to the Cambrian Apache formation - Pioneer shale. It is dark gray to black and scratches like a limy shale. Also the granite, according to the state geological map, is a Cretaceous intrusive. At any rate both rocks are quite fresh or unaltered, except for the few narrow zones mentioned above. The prospect is considered to be of no interest whatsoever to the Company.

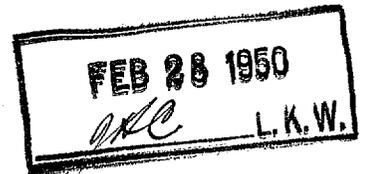
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J. H. COURTRIGHT

cc: LKWilson

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

February 21, 1950



FREE MEMORANDUM

GALLURO MINE
Bunker Hill District
Pima County, Ariz.

Mr. Hognason has today given us a verbal "exclusive" to examine his property within the next two or three weeks, at which time we will decide whether or not we wish to formalize the exclusive with something in writing. The attached report, written by Mr. Hognason, contains all of the data conveyed to me in our discussion and need not be repeated. Please refer to this report for location and all other introductory data.

The property apparently was examined by E. F. Reed, geologist for Inspiration Copper Company about 1943, and rejected after a few hours' examination. Mr. Hognason states that there has been no other examination of the property until recent weeks, when the U. S. Bureau of Mines has been encouraged to consider a program of drilling. Examinations have been made by Messrs. McMillan, Stewart and Romlo, but Mr. Hognason believes they will not recommend further work.

Mr. Hognason himself describes the Pinal Schist, which is the host rock, as being fresh and unaltered which of course doesn't lend encouragement to the prospect for a large dissemination of low grade copper throughout the mass of schist. For this reason I am not optimistic and am therefore deferring any letter of agreement until I have seen the ground, *see Mr. Condit's*.

We entered into no serious discussion of terms other than to determine that Hognason has in mind a 20% interest in any capitalization of a new Company development and if such a Company is formed he would consider a cash payment over a period of years, plus a participating royalty.

L. KENNETH WILSON

LKW:ar

enc.