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OFFICE MEMORANDUM ^{1/}IRON KING HEMATITE DEPOSIT
Esmeralda County, NevadaLocation

The Iron King Hematite deposit is in the northwest corner of T. 3 N., R. 36 E., M.D.M., Esmeralda County, Nevada, approximately 50 miles west of Tonopah. The property is about 4 miles west of the Rockhill siding on the Tonopah and Goldfield Railroad and Highway 95, with which it is connected by an unimproved dirt road.

Description of the Property

This property comprises a group of 8 claims owned by C. C. Poak of Tonopah, and which were located by him several years ago. Hematite and pyrolusite occur along the contact of granite and overlying quartzite and limestone. No mineralogical evidence of contact metamorphism is evident. It is thought the deposit is a replacement of limestone and an impregnation of shattered quartzite and is of limited extent. Some exploratory work has been done comprising a few scattered pits and cuts, a 60-foot shaft, and two short tunnels. No geophysical work has been done on ore from this property to date.

Physical Features

These claims cover an east-west ridge at an elevation of approximately 5500 feet. The terrain is rough and steep. No water is available on this property but the Candelaria pipe line passes about three miles west. No power is available. The nearest source of electric power is at Mina, about 20 miles northeast of the property. No camp was ever established and the nearest housing facilities are also at Mina.

^{1/} See W.M.M. Nev-77, Iron King Hematite Deposit, Columbia District, Esmeralda County, Nevada, by A. J. Eveland.

Transportation

The Tonopah and Goldfield Railroad, which connects with the Southern Pacific at Mina, closely parallels Highway 95. Ore can be trucked 4 miles from the mine to the Rockhill siding where it can be loaded in ore cars or trucked directly some 20 miles to Mina, where it can be transferred to the Southern Pacific Railway. Production would necessitate the construction of a 4-mile road between mine and highway.

Coaldale, Nevada, a potential source of coal, is 9 miles southeast of the Rockhill siding.

Tonnage and Grades

No estimate has been made by Bureau engineers on the tonnage contained within this deposit. Grab samples, taken from the dump, average 53 percent Fe, 3.5 percent Mn, .07 percent P, and 0.23 percent S.