

5260 0002

(20)  
Item 2

OFFICE MEMORANDUM  
1/  
IRON MOUNTAIN CLAIM  
Churchill County, Nevada

Location

The Iron Mountain claim is in sec. 33, T. 25 N., R. 34 E., M.D.M., Churchill County, Nevada. It is about 20 miles, airline, southeast of Lovelock, a town on the Southern Pacific Railway. This district may be reached by motor by going north on Highway 40, 6.4 miles from Lovelock, then east about 10 miles on a graveled road to the airport, and south approximately 9.5 miles to the property.

Description of Property

A group of claims is held by Paul and John Reid of Lovelock, and leased to Walter Yorston of Reno, Nevada. There seems to be some controversy over the ownership, with Mr. Edwin Marker of Lovelock.

The ore is massive hematite and magnetite occurring as a replacement in limestone, intruded by a diabase dike. Seams through the ore contain what appears to be feldspar phenocrysts. No magnetometer-reaction test has been made on ores from this property, but it is believed the ore contains enough magnetite to respond to magnetometer survey methods.

Physical Features

This deposit is on the west foothills of the Stillwater Range at an elevation of approximately 4500 feet. Electric power and water for drilling are available some 15 miles east of the property. Nearest housing facilities are at Lovelock.

Transportation

As 20 miles of good, graded, level road connect this property with Lovelock,

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1/ Quotations from Letter No. 41 by Paul E. Pesonen, Mining Engineer. Report on the Iron Mountain and Nevada United Claims, southeast of Lovelock, Nevada. June 21, 1942.



ore could be readily transported from the mine to the Southern Pacific Railroad at this point.

#### Tonnage and Grades

"The deposit, estimated for a depth of 100 feet, would produce about 500,000 tons. A sample taken across the strike assayed 61.38 Fe, .093 P, 8.77 silica, .032 S. This is a good grade of non-Bessemer ore, low in sulphur."

No ore has been produced from this property.