

5260 0001

20
Item 1

OFFICE MEMORANDUM

✓

COPPEREID MINING DISTRICT

(Lewisyorston Iron and Steel Co. and Nevada United Co.)
Churchill County, Nev.

Location

The iron deposits in the Coppereid White Cloud Mining District are located in sec. 24 and 25, T. 23 N., R. 33 E., M.D.M., and sec. 19 and 30, T. 23 N., R. 34 E., Churchill County, Nevada. The property is 27 miles southeast of Lovelock and 31 miles east of Farren. Both towns are on the Southern Pacific Railway. At present this district may be reached by motor going north on highway 40 six miles from Lovelock, then east about 10 miles on a graveled road to the airport, and south for approximately 26 miles on unimproved road to the property. This route will be appreciably shortened, to about 27 miles, when the bridge over the Humboldt River south of Lovelock is completed.

Description of Property

The Coppereid district comprises a group of patented claims, known as The Nevada United Mining Company claims, owned by Paul and John Reid of Lovelock and leased to Mr. Walter Yorston of Reno, Nevada. The iron ore occurs as hematite replacing limestone in contact with monzonite. Mr. John Reid reports that nearly a million dollars has been spent on investigation work in this district, including a tunnel 3050 feet long. Other short adits and shafts have been driven on this deposit. No magnetometer-reaction test has been made on ores from this property but it is believed that the ore contains enough magnetite to respond to magnetometer survey methods.

✓ See Letter No. 41, Iron Mountain claims and Nevada United Claims, Southeast of Lovelock, Nevada, by Paul E. Pesonen, Mining Engineer.

Physical Features

This property is on the east slope of the Stillwater Range at an elevation of approximately 5000 feet. The terrain is rough. Water is available at the site as a good stream flows down White Cloud canyon all seasons of the year. Electric power is available from the Sierra Pacific Light and Power Company, some eight miles west of the property. An old camp site comprising three old buildings still remains, but nearest adequate housing facilities are at Lovelock, 27 miles distant.

Transportation

Production from this property would require construction of at least 1 1/2 miles of canyon road to facilitate hauling ore from the tunnel to the terminus of the present road. The 27 mile road to Lovelock would have to be improved. Ore could then be transported by truck from the mine to the Southern Pacific Railroad at Lovelock.

Tonnage and Grades

No estimate of the tonnage contained in this deposit has been made by Bureau engineers. The owners estimate 200,000,000 tons. A sample of the stockpile, taken by Paul E. Pesonen, assayed 61.41 Fe, .015 P, .370 S, 4.81 silica. "A good grade of Bessemer ore, the sulphur being borderline." About 400 tons were mined from this property in 1893.