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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LINDA K MINE

ALTERNATE NAMES:

MILDRED
DOBBINS
JOLLY ROGERS

LA PAZ COUNTY MILS NUMBER: 323

LOCATION: TOWNSHIP 7 N RANGE 16 W SECTION 14 QUARTER S2
LATITUDE: N 33DEG 56MIN 51SEC LONGITUDE: W 113DEG 53MIN 05SEC
TOPO MAP NAME: UTTING - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

MANGANESE

BIBLIOGRAPHY:

KEITH, S.B., 1978, AZBM BULL. 192, P. 169
AZBM 127, P. 101 (DOBBINS)
USGS BULL 710, P. 182 (DOBBINS)
IC 7843, P. 73
ADMMR "U" FILE, MN 8
ADMMR LINDA K FILE

Mildred Group (cont.)

minerals: upyrolusite and psilomelane; magnetite

geology: manganese mineralization on the claims occurs along two fracture zones cutting volcanic rocks. The widest zone strikes $N 50^{\circ}W$ and has a steep dip to the SW. The other fracture strikes $N 60^{\circ}E$ and dips moderately to the northwest and intersects the other zone. Most of the ore produced has been from this intersection. No estimates of the tonnage or value is available.

Mildred Group (aka Linda K, Harty)
T. 7N., R. 16W
Yuma County

references: Arizona Dept. of Mineral Resources
Mildred Group Yuma County (file)

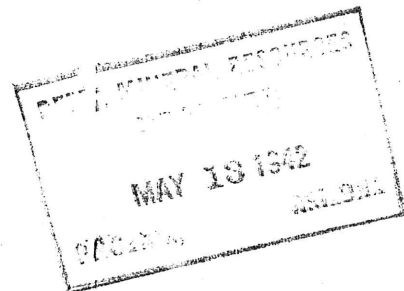
Manganese Deposits of Western Arizona
by L.L. Farnham and L.A. Stewart
Bureau of Mines Information Circular 7843
U.S. Dept. of the Interior 1958

present owner: John R. Hart
Los Angeles, Calif.

History of the mine:
The claims were originally located in 1918 by J.N. Dobbins. During that year he produced some high-grade ore. Following WWI the claims were allowed to lapse. Later, John R. Hart of Los Angeles, Cal. took over the claims. The Linda K. Mining Co. of Bouse, AZ. operated the claims under a lease option agreement in 1953 until early 1954. During this time 1,500 to 2,000 tons of ore was mined and milled. The resulting concentrates amounted to 238 long tons and averaged 32.3% manganese. As of 1955 the property was idle. Sam Cochran and Jim Dale of Bouse, AZ. are of the Linda K. Mining Co.

May 12, 1942

✓
Mr. Sidney B. Moeur
611 Title & Trust Building
Phoenix, Arizona



Dear Mr. Moeur:

Mr. J. S. Coupal, of the State Department of Mineral Resources, has forwarded two rock samples of yours from the Mildred Group to us for classification (our file No. 19909).

Sample No. 1 is composed of a fine-grained marble or calcite. The pink stain on this sample is due to the presence of a very small amount of manganese carbonate.

Sample No. 2 is composed of manganese dioxide with a certain amount of lime and silica.

Both samples carry fluorescent spots and specks which may be seen under the ultra-violet light, but these spots of fluorescence are caused by lime and not by tungsten. There is no tungsten present in either sample.

Yours very truly,

Robt. E. Heineman
Mineralogist

REH:ep
cc: Mr. Coupal ✓

XXXXXXXXXXXX

ROOM 4 1 3

HOME BUILDERS BUILDING

May 6, 1942

Dr. T. G. Chapman, Director,
Arizona Bureau of Mines,
University Station
Tucson, Arizona.

Dear Tom:

At the request of Sidney B. Moeur of 611 Title & Trust Building, Phoenix, I am sending you under separate cover two samples from the Mildred Group, Owens Mine District.

No. 1, the light-colored rock shows some coloring under the mineral light and may possibly be tungsten; or it may be it was just reflected light.

Sample No. 2 shows certain coloring, but it is not very distinctive. However, they believe both rocks contain scheelite or other tungsten minerals in paying quantities.

Very truly yours,

J. S. COUPAL,
DIRECTOR.

JSC/EM

COPY

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

MINE - Manganese properties

DATE: Feb. 20, 1954

TO: - R.I.C.Manning, Director

ENGINEER: Mark Gemmill

SUBJECT: Present Activities

LINDA K - Cockran and Dale - Mill at Bouse

This mill appears to be doing very well. Treatment consists of jigs and tables. Ore for the mill is produced at the Mildred 1 & 2 (Hart Property) mine, located about 9 miles east of Bouse. The mill capacity is said to be 25 tons in 8 hours. Regular shipments of concentrates are being made to the Wenden Depot.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Mildred # 1 and # 2 - Hart Group

Date Oct. 24, 1953

District Bouse

Engineer Mark Gemmill

Subject: Present Operations - Mine and Mill

LOCATION AND OWNERSHIP

The mine is located about 9 miles east of Bouse. The mill is located near Bouse. The Operators are S. J. Cochran and J. M. Dale, Bouse, who are operating as a partnership under the name of the Linda K.

MINE

The property has been worked in past years in a small way. I am informed that some small shipments of sorted ore have been made from it. In the past year the present owners have done some development work consisting of a shallow tunnel and some cuts which they claim has proven a large tonnage of mill ore. No estimate of the tonnage or value is available. The manganese minerals in the ore appear to be mainly psilomelane and manganite which should concentrate well.

MILL

The site of the mill is about $\frac{1}{2}$ mile south of Bouse where a good supply of water is available and electric power is close by. The mill consists of a rough ore bin, Crusher, Rolls, a fine ore bin with screens to separate the product for the jig and table. Following this is an elevator and bin for concentrates. The equipment seems to be fairly good and pretty well installed. It has been operating only for a few days and some changes and improvements are still being made. They expect a capacity of 30 or 40 tons per day. I understood that to be 2 shifts operation.

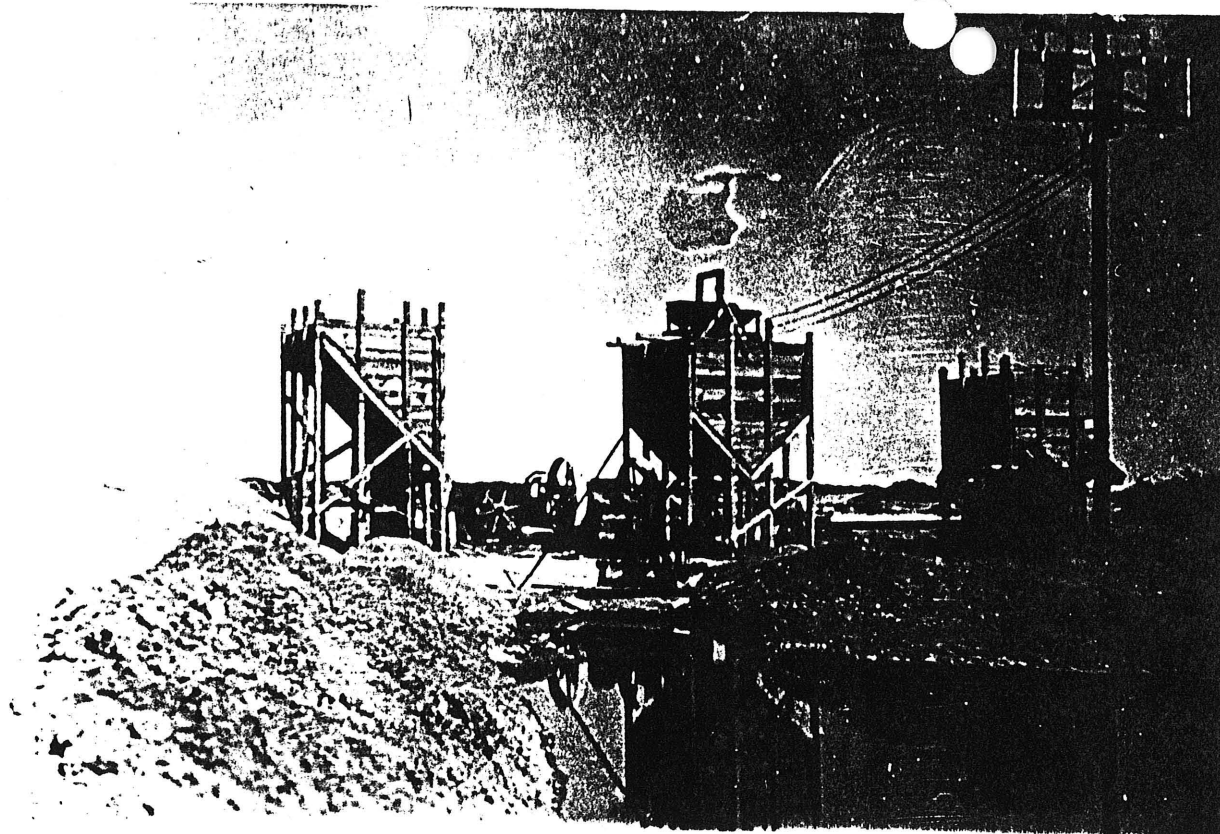
No milling data was available as to the value of the ore or recovery. They have shipped to Wenden two or three truck loads of concentrates which they expect will run around 40%.

COMMENTS

This operation appears to have a good chance to succeed. The owners are on the job working and seem to know what they are doing. They have only two men working beside themselves and are going to go slow until they have the mill working satisfactorily then they expect to hire some more men at the mine to get out ore to meet the capacity of the mill.

Mark Gemmill





Dale & Cochrane Manganese Mill, Bouse,
on August 6, 1953.

Will have:

Crusher, rolls, elevator,
screen, jig & table.

Built for Mildred Manganese Mine Ore

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Mildred Manganese ✓
(owners call themselves Linda K Min. Co.)
District Bouse
Date December 3, 1952.
Engineer Geo. F. Reed
Subject: General Description, Present Status.

Location:

The Mildred # 1 and # 2 claims under lease to Sam Cochran and Jim Dale, Bouse, Arizona, are held under location by a Mr. Hart (initials not known) from California. He is related to Dale by marriage. The claims are about 5 miles due East of Bouse and are reached by travelling 4.4 miles from Bouse toward Salome on the highway, then turning left (East) across the railroad and following a graded windingroad about 7. miles to the mine. It is in Yuma County, North of Ellsworth Mining District and South of Midway Mining District. Probably in center of Twp. 7 N, Range 16 West.

Geology:

The claims are in rolling to rugged hills. Country rock appears to be a redish andesite. Three or four fissures with a general North-East strike contain the manganese oxides. Dips to the North-West vary from 30 to 70 degrees. In places there is considerable red iron oxide, but parts of the veins with a width of two to six feet appear to have 20-25% Mn in the form of solid, heavy oxide. There are some soft oxides, also, and the estimate on grade is based solely on appearance and what the operators told me.

Workings, Ore-Reserves, etc.:

There are some shafts and open cuts, none over 20-30 feet deep. The operators are starting to drive a cross-cut adit to one of the veins. This might give them 50 feet of backs if driven far enough. They hope to connect with the bottom of an inclined shaft and then put a hoist on surface and sink while mining the ore above the adit level. No positive ore reserves can be figured, but it appears that they can produce some ore of around 20% or better grade with careful mining of two to four foot widths. Whether any profit or high wages is produced will depend on developments, etc. They plan to ship the ore by truck to Wenden Stockpile. No water or power is available at the mine.

George F. Reed