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The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

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12/13/90

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SITTON MILL

ALTERNATE NAMES:

MOHAVE COUNTY MILS NUMBER: 790

LOCATION: TOWNSHIP 11 N RANGE 12 W SECTION 18 QUARTER N2
LATITUDE: N 34DEG 17MIN 50SEC LONGITUDE: W 113DEG 33MIN 30SEC
TOPO MAP NAME: ARTILLERY PEAK - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:
MANGANESE

BIBLIOGRAPHY:
ADMMR SITTON MILL FILE
IC 7843 P 42, MAP P 29



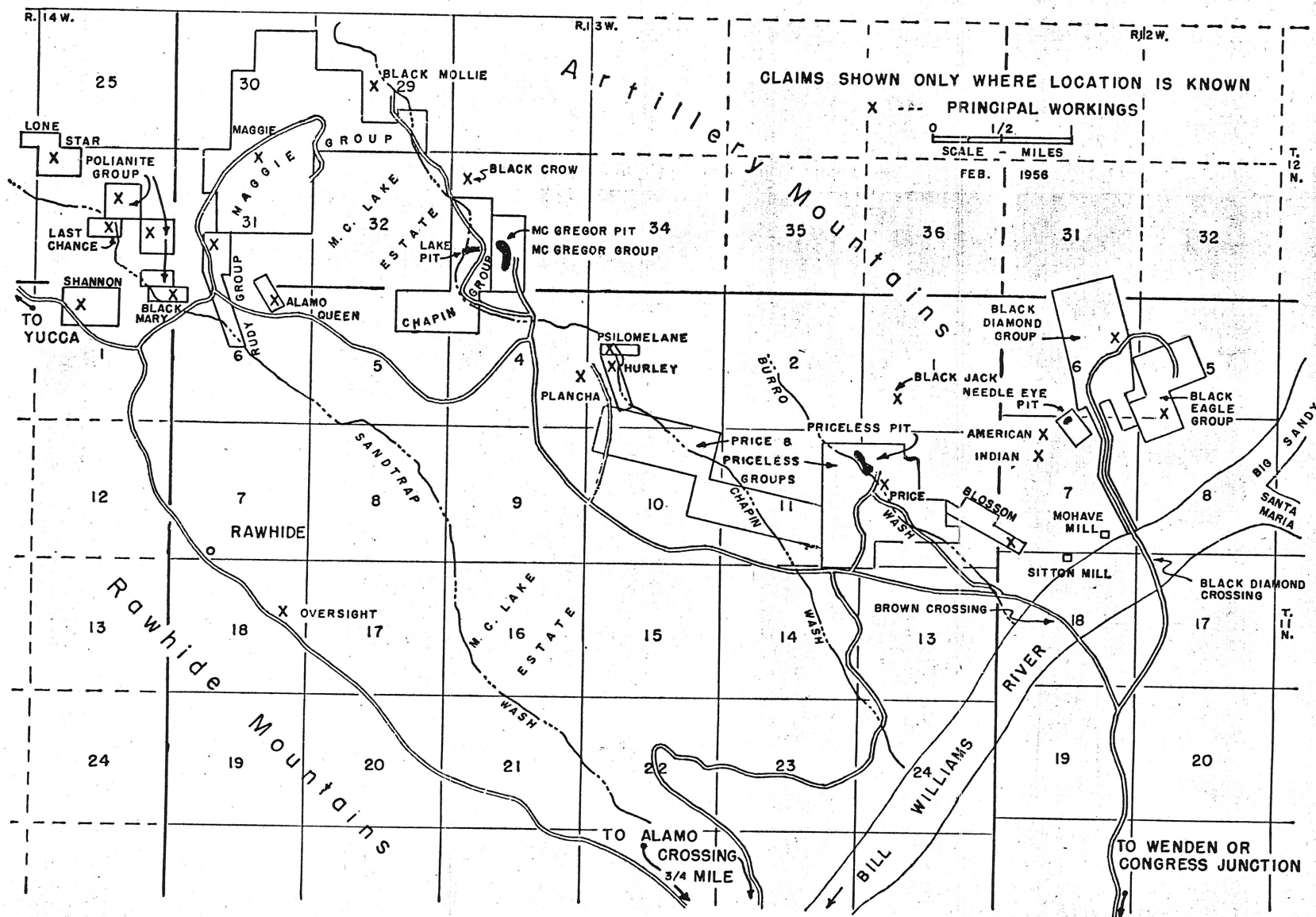
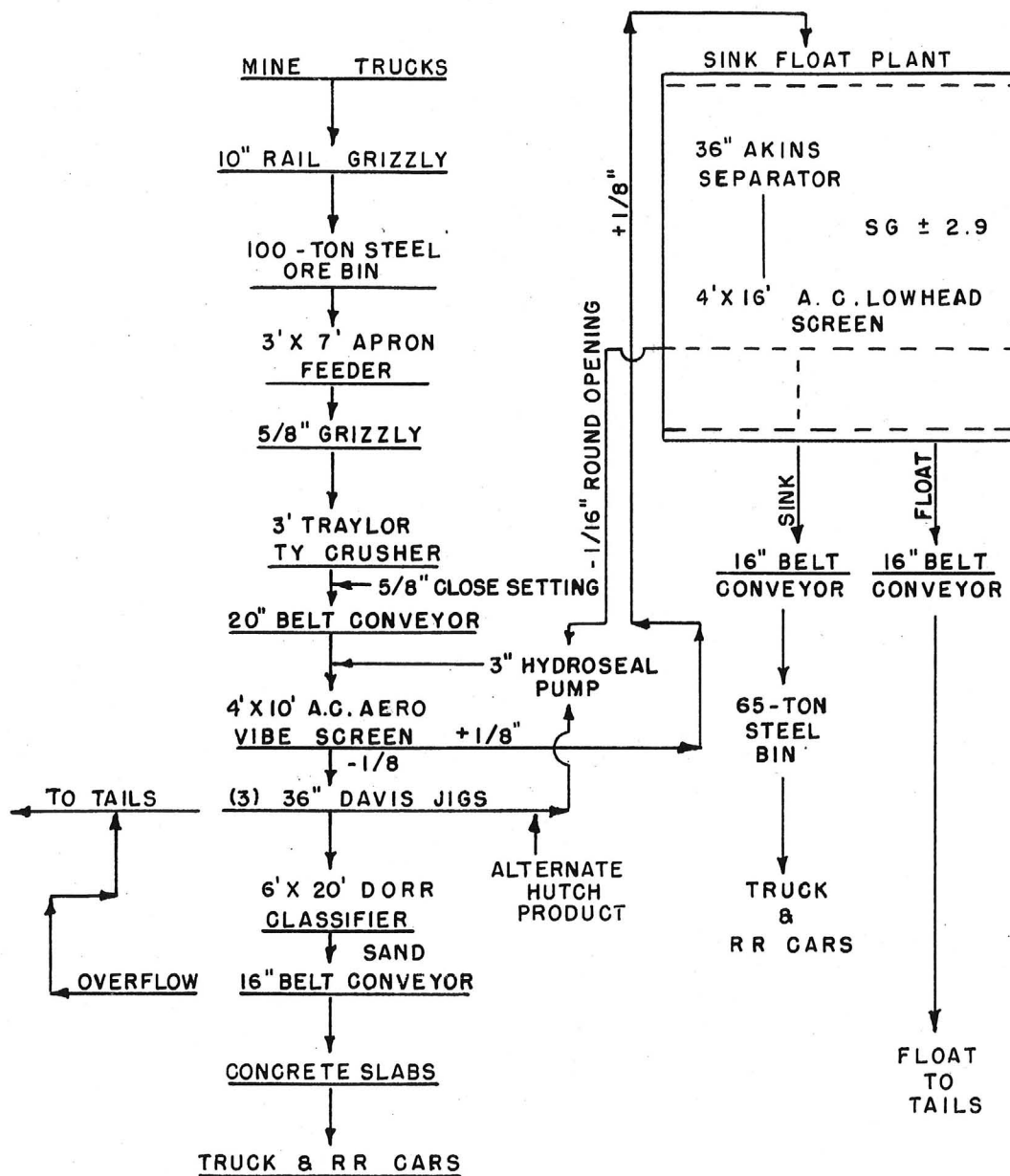


FIGURE 9.—Location Map, Major Part of Artillery Mountains Region.

2C7843



DEC. 1955

FIGURE 18 MILL FLOWSHEET, WORLD MANGANESE CORP.

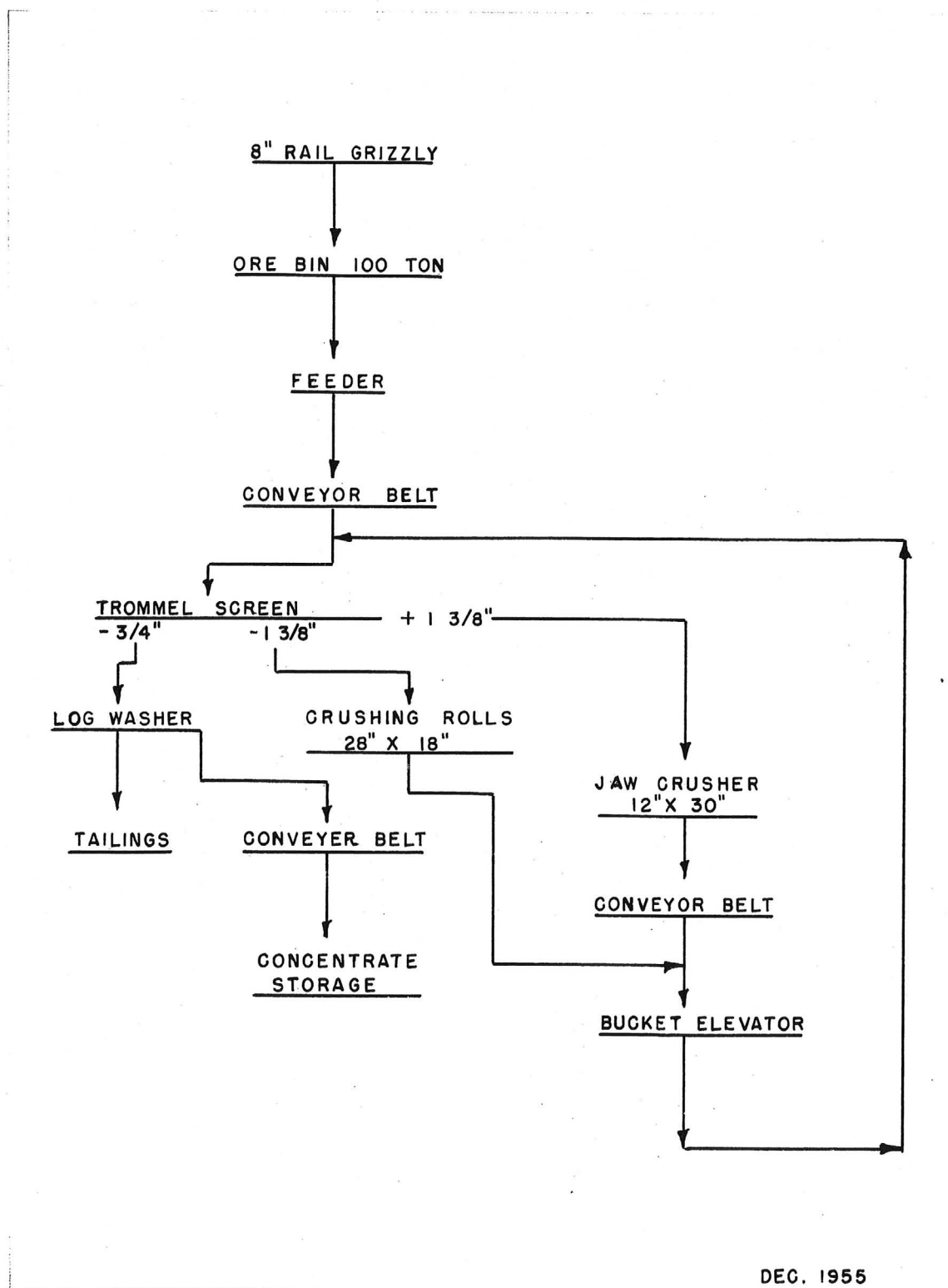
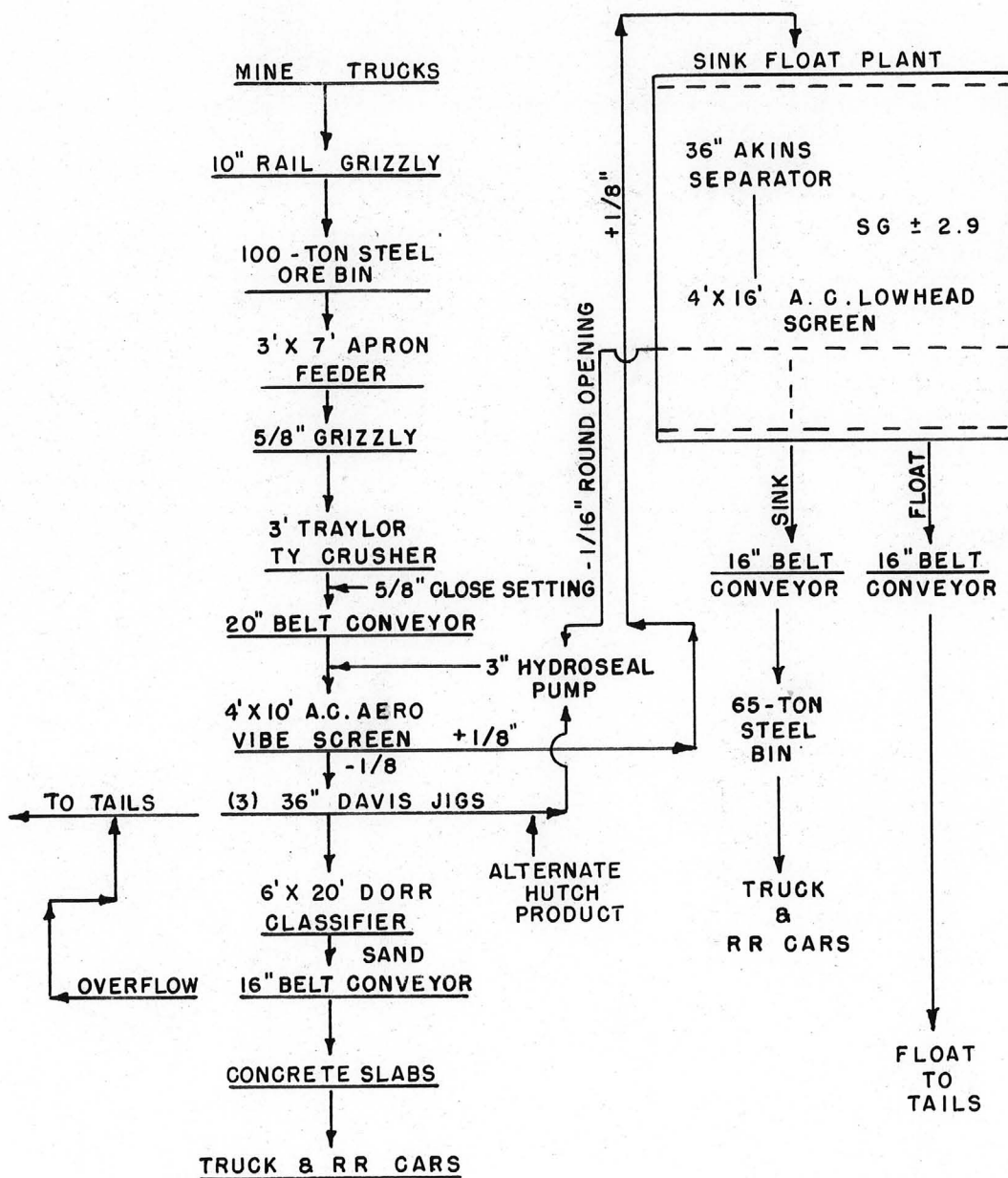


FIGURE 16 FLOWSHEET OF LOG WASHING PLANT
WORLD MANGANESE CORP.

5-4-1957
L-1



DEC. 1955

FIGURE 18 MILL FLOWSHEET, WORLD MANGANESE CORP.

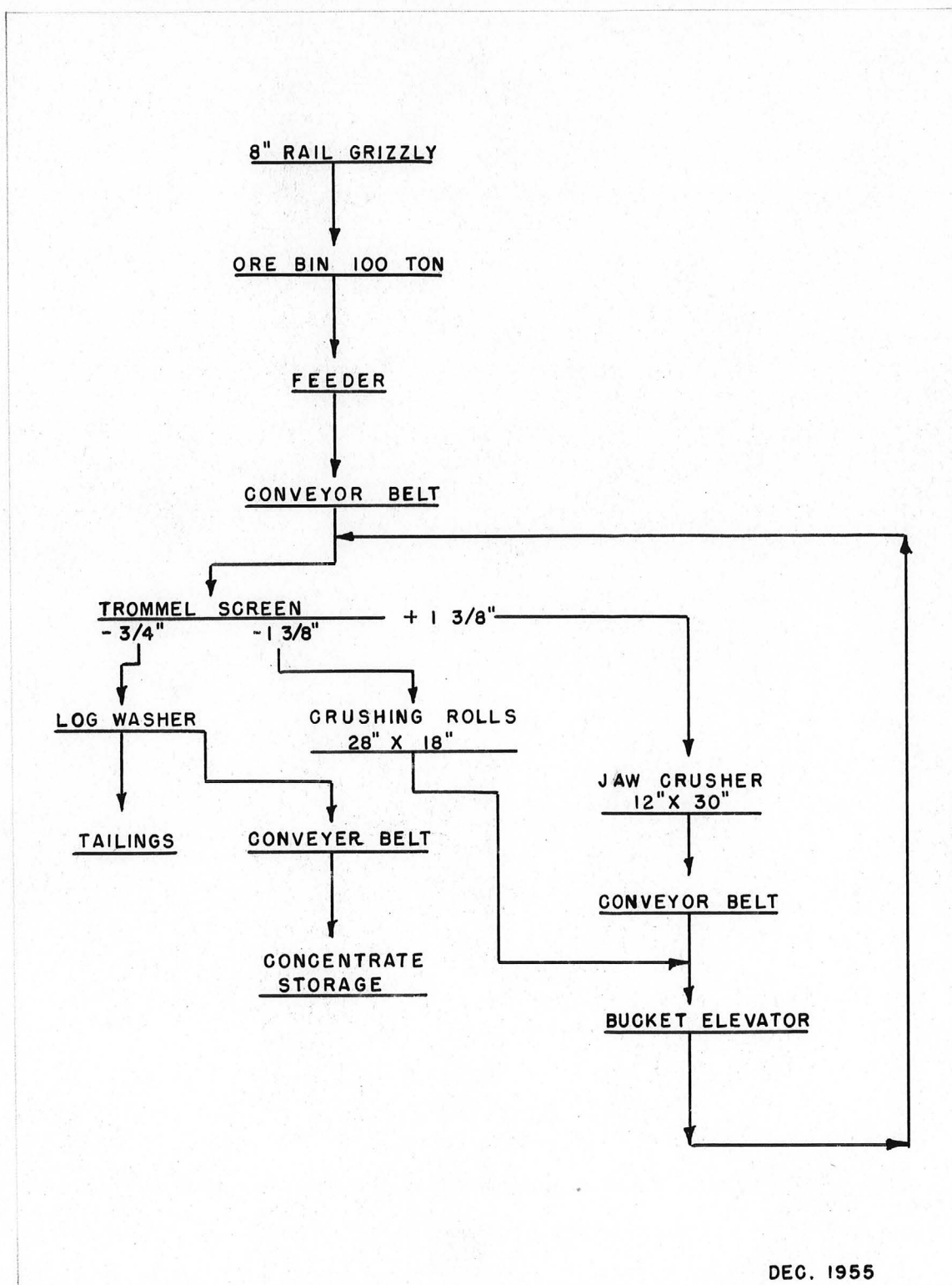


FIGURE 16 FLOWSHEET OF LOG WASHING PLANT
WORLD MANGANESE CORP.

St. John
12/1/55

SITTON MILL

MOHAVE COUNTY
OWENS DIST.
ARTILLERY MTN.

Visit to mill.

Floyd Brown manages the Sitton Mill. It is operating one shift per day, for M. S. Clark (World Minerals Corp.). The ore supply is from the American and Black Jack mines leased to Floyd Brown by the owners. Floyd mines and ships the ore to World Minerals Corp. The near-by Indian mine is owned by Clark who will mine and ship the ore to mill. 7 men employed altogether in the mining and milling operation. It is planned to increase the milling rate to 600 TPD or more.

T.P. LANE, WR - 2-16-59

Visited Sitton Mill. Floyd Brown was away but his foreman (a Mr. Kaiser) reported that tonnage rate was 600 TPD and that the plant feed was coming from the American Mine, grade of from 6 to 10% Mn. The concentrates are shipped to Stoval.

T.P. LANE, WR- 4-25-59

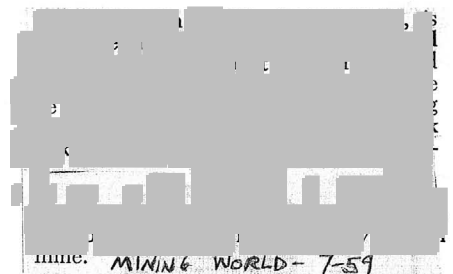
Interviewed Floyd Brown at Wenden. He stated that both Robinette and Wells Cargo and World Minerals (which he manages) are producing at a normal rate. World Minerals ships its product to Stovall. The Black Jack Mine, owned by Brown, developed a good grade of manganese, but excessive barite content forced suspension of the work. The American mine is furnishing the mill with most of its feed.

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Visited the Sitton Mill (World Minerals Corp.). Milling rate is approximately 8,000 TPM. The mill feed is currently coming from Floyd Brown's mining operation in the Black Jack deposit some 2 miles NW of the American (the former supplier of mill ore). The Mill product goes to Stovall for blending.

TRAVIS P. LANE - WR - 6-13-59

See: BLACK DIAMOND GROUP - AMERICAN (file)
See: BLACK JACK GROUP (file)



MINING WORLD - 7-59

SITTON MILL

9-30-57

MOHAVE COUNTY

F. A. SITTON & CO. 1133 W. McDowell Rd., Phoenix

800 t/day sink-float manganese mill, Alamo Crossing, - Leased to Floyd Brown & J. Robinette. Operating.

B. J. SQUIRE, F. Eng.

Taken from "MILLS - NORTHERN DIST." (file)
(In "GEOLOGY" file cabinet)

Leased to WORLD CHURCH (World Manganese) but turned back early 1957.

See: Active mine list, 1957

See: MINING WORLD, Dec. 1958, p 58

DEPARTMENT OF MINERAL RESOURCES
News Items

Date 5/23/58

Mine Custom Plant
Location Sitton plant - Sta Maria River
Owner F. A. Sitton
Address 830 N. Central, Phoenix

Operating Co. Manzona Mining Association
Address Office: Wickenburg

Pres. Dr. Smithson of Yuma seems to be
Genl. Mgt. principal. This is a joint ven-
Mine Supt. ture - Smithson and Eastern
Mgt Supt. associates.

Principal Metals Mn
Men Employed 2 at present. Probably 12 later
Production Rate 1000 TPD custom ore eventually
Mill, Type & Capacity 30"x42" Jaw, 36" Cone, ~~20~~
1/2"; HM, Jigs, Tables, and will install flot
Power, Amt. & Type Diesel - 250 HP
Buda and auxilliary units.

Signed 

(Over)

Present Operations Rehabilitate plant

New Work Planned Propose to add flot
section

Misc. Notes Plan to mill 1000 TPD -- custom
ore.

No principals were available. Above inform-
ation supplied by Flloyd Brown and others

Proctor Millikan (not present) seems to
have promotional interest and seems to be
-directing the work.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Sitton Mill

Date Dec. 22, 1958

District Artillery Mtn., Mohave County

Engineer Travis P. Lane

Subject: Visit

The property was visited by Frank P. Knight and Travis Lane on Dec. 18, 1958.

Manzona Minerals, Inc. recently abandoned the project and M.S. Clark, leasing from Sitton, has taken over and expects to have the plant in production early in January, 1959. He will operate under the name "World Minerals Corp." Proctor G. Milliken, formerly manager for Manzona Minerals, Inc., will manage the new project for Clark.

At the time of visit 3 men were employed rehabilitating the jig section of the plant. Mr. Milliken believes that the normal operating crew will comprise 12 men.

The ore source will be the Evans property some 8 miles north of the plant. Ore will be supplied under contract. Several other local properties are counted upon as possible future ore suppliers.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Sitton Mill

Date October 27, 1958

District Artillery Mtn. Dist., Mohave Co.

Engineer Travis P. Lane

Subject: Visit

The Sitton plant of Manzona Minerals, Inc. was visited on Oct. 24th. This company's operations were suspended on Oct. 1st and only a watchman was present at the time of this visit. The principal source of ore during the short time the mill was in operation was the Love property some 8 miles north of the plant. It is said that mill recoveries were too low to permit profitable operation.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Sitton Mill, Black Warrior

Date Sept. 30, 1958

District Artillery Mtn., Mohave Co.

Engineer Travis P. Lane

Subject: Status of Operations

The mill and Black Warrior property (formerly McGregor) are owned by F. A. Sitton, 830 N. Central Ave., Phoenix, Arizona.

These and other properties in the district are operated under lease agreement by:

Manzona Minerals, Inc. -- The company has recently incorporated and changed its name (formerly Manzona Mining Associates).

The company personnel is as follows:

Pres. - G. Calvin Williamson of Yuma

Gen. Mgr. - Proctor G. Millikan, 132 N. Frontier St., Wickenburg (Company Office)

Mill Supt. - Carl Allbran

Mine Supt. - Edgar Butts

The company has deferred construction of a flotation section in the Sitton plant. The mill resumed operations on Sept. 1st, treating 150 TPD on a one-shift a day basis. The H. M. and jig concentrates are being sent to Stovall at Casa Grande for blending into a specification product.

Most of the present mill feed is coming from the Shannon mine of Arizona Manganese Corp. Other current contributors are the American, Lewis and Peterson properties. All these sources are in the immediate vicinity of the plant. 14 men are employed, distributed as follows:

Mine (and trucking)	8
Mill	3
Office	3

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine ✓ Sitton Mill

Date June 25, 1958

District Artillery Peak, Mohave County

Engineer Travis Lane

Subject: Property visit

Owner: ✓ F. A. Sitton, 830 N. Central, Phoenix

Operator: ✓ Manzona Associates, 132 N. Frontier St., Wickenburg

Manager: ✓ Proctor G. Milliken

Superintendent: ✓ C. F. Allebrand

Dr. G. Calvin Williamson of Yuma shares with Milliken in the direction of operations. The Company plans to rehabilitate the Sitton Mill and install a 200 TPD flotation section. The mill is expected to eventually handle up to 1000 TPD with grade of mill feed about 10% Mn and concentrate approx. 42%. The plant was idle pending delivery of the flotation equipment.

The company has leased a number of manganese properties in the region and is negotiating for others. The most important of those leased to date are the claim groups owned by Love, Hurley and World Church (Sitton lessee).

A crew of two men were performing assessment work on the leased claims - road work, pits, and some exploratory drilling. Two men employed on repair and construction work in the mill.

SITTON MILL

MOHAVE COUNTY
OWENS DIST.
ARTILLERY MTN.

Visit to mill.

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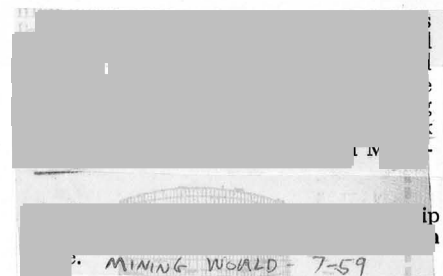
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T.P. LANE, WR- 5-23-59

Visited the Sitton Mill (World Minerals Corp.). Milling rate is approximately 8,000 TPM. The mill feed is currently coming from Floyd Brown's mining operation in the Black Jack deposit some 2 miles NW of the American (the former supplier of mill ore). The Mill product goes to Stovall for blending.

TRAVIS P. LANE - WR - 6-13-59

See: BLACK DIAMOND GROUP - AMERICAN (file)
See: BLACK JACK GROUP (file)



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9-30-57

MOHAVE COUNTY

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DEPARTMENT OF MINERAL RESOURCES

News Items

Date 5/23/58

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Address 830 N. Central, Phoenix

Operating Co. Manzona Mining Association

Address Office: Wickenburg

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Genl. Mgt. principal. This is a joint ven-

Mine Supt. ture - Smithson and Eastern

Mml Supt. associates.

Principal Metals Mn

Men Employed 2 at present. Probably 12 later.

Production Rate 1000 TPD custom ore eventually

Mill, Type & Capacity 30"x42" Jaw, 36" Cone, 1/2"; HM, Jigs, Tables, and will install flot

Power, Amt. & Type Diesel - 250 HP

Buda and auxilliary units.

Signed

(Over)

Present Operations Rehabilitate plant

News Items

Date 5/23/58

Mine Custom Plant

Location Sifton plant - Sifton

Owner T. A. Sifton

Address 830 N. Central, Phoenix

New Work Planned Propose to add flotation section

Operating Co. Mansona Mining Association

Address Office: Wickenburg

Misc. Notes Plan to mill 1000 TPD -- custom ore. Pres. Dr. Smithson of Yuma seems to be

Gen. Mgr. Principal. This is a joint venture

No principals were available. Above information supplied by Floyd Brown and others

Principal Metals

Proctor Millikan (not present) seems to have promotional interest and seems to be directing the work.

Min. Type & Capacity 30" x 12" Jks. Tables, and will install float

Power and Type Diesel - 250 HP

Boys and auxiliary units.

Signed

(over)

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Sitton Mill

Date October 27, 1958

District Artillery Mtn. Dist., Mohave Co.

Engineer Travis P. Lane

Subject: Visit

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

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Date Sept. 30, 1958

District Artillery Mtn., Mohave Co.

Engineer Travis P. Lane

Subject: Status of Operations

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Sitton Mill
District Artillery Peak
Subject: Property visit

Date June 25, 1958

Engineer Travis Lane

Owner: F. A. Sitton, 830 N. Central, Phoenix

Operator: Manzona Associates, 132 N. Frontier St., Wickenburg

Manager: Proctor G. Milliken

Superintendent: C. F. Allebrand

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA FIELD ENGINEERS REPORT

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Date Dec. 22, 1958

District Artillery Mtn., Mohave County

Engineer Travis P. Lane

Subject: Visit

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

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