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PRINTED: 06-22-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MCFARLAND HULLINGER PLANT

ALTERNATE NAMES:
BOBBIT CLAIMS
SILICA MILL
JAVALINA GROUP

PINAL COUNTY MILS NUMBER: 394

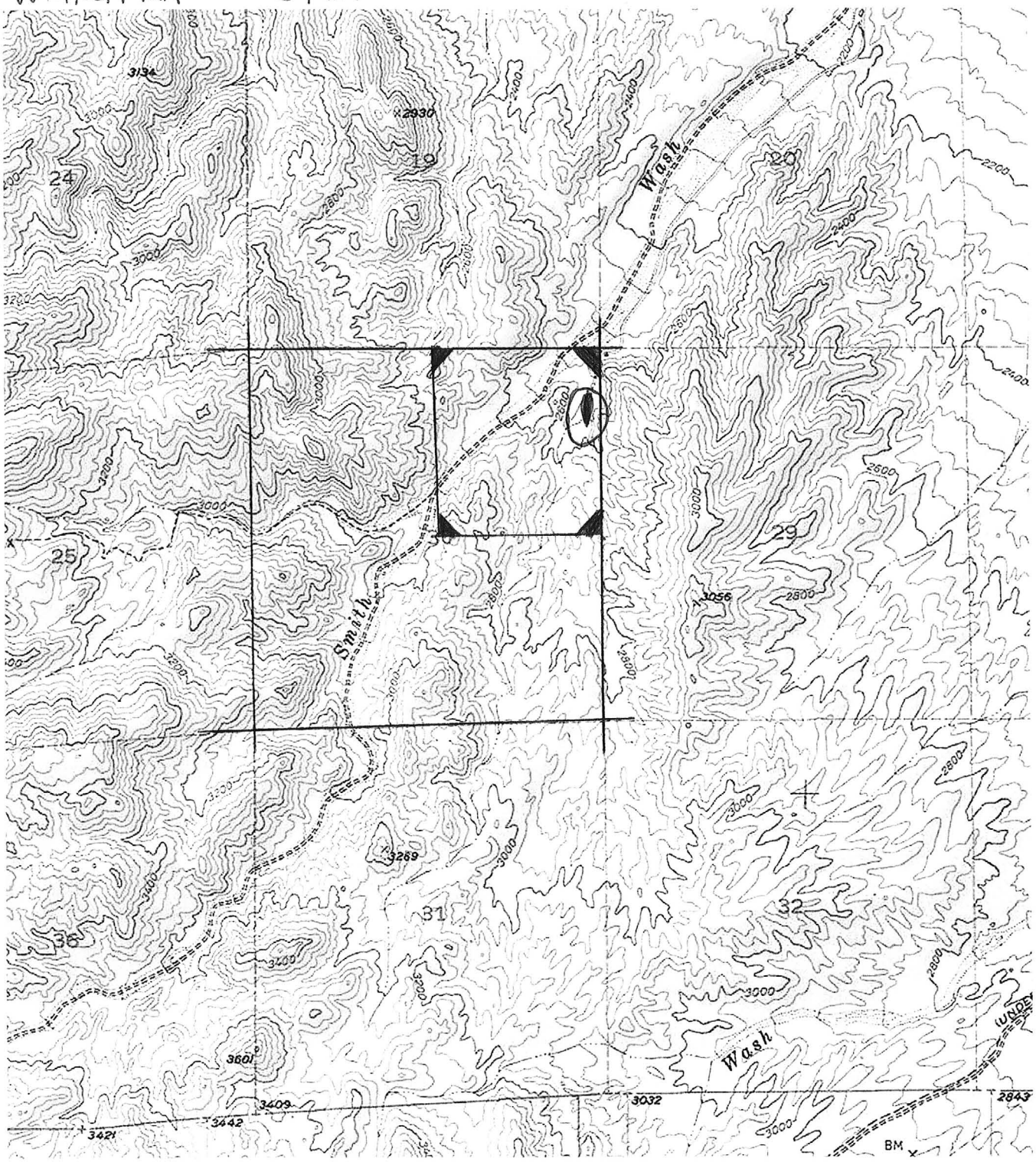
LOCATION: TOWNSHIP 5 S RANGE 15 E SECTION 30 QUARTER NE
LATITUDE: N 32DEG 58MIN 22SEC LONGITUDE: W 110DEG 50MIN 38SEC
TOPO MAP NAME: WINKELMAN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
SILICON SMELTER FLUX
STONE LIMESTONE
CALCIUM LIMESTONE

BIBLIOGRAPHY:
ADMMR MCFARLAND HULLINGER PLANT FILE
ADMMR DIRECTORY OF ACTIVE MINES IN AZ, 1980,
P. 14

Winkelman - 7.5 min



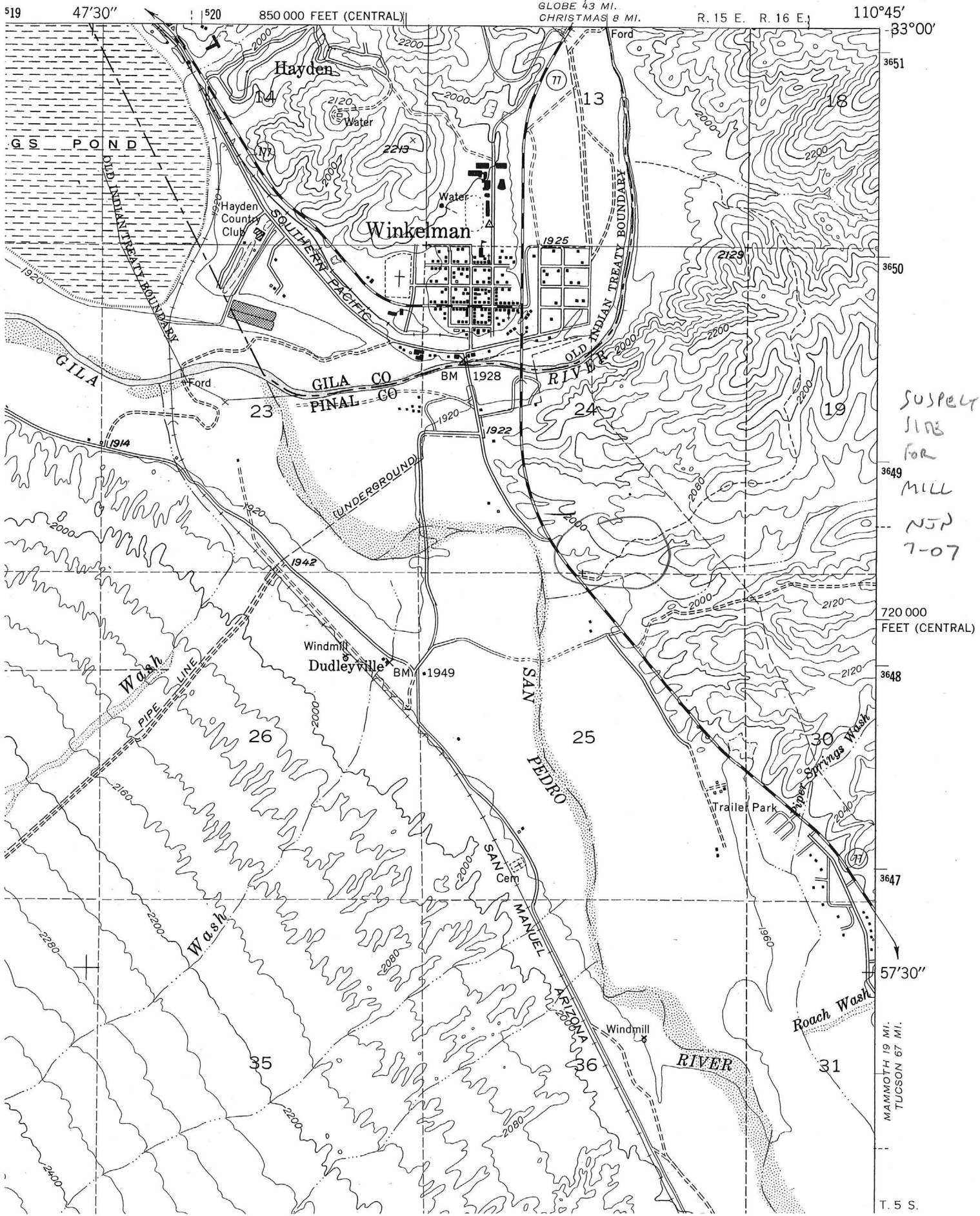
N 32 58' 22" W 110 50' 38"

McFarland Hullinger Plant

ArcGIS -

WINKELMAN QUADRANGLE
ARIZONA
7.5 MINUTE SERIES (TOPOGRAPHIC)

3850 II SW (CHRISTMAS)



SUSPECTED SITE FOR MILL
NJP 7-07

McFarland & Hullinger Winkelman Mill. 3 at mine, 3 at mill. 40 tpd. Silica slurry. GWI WR 5-4-71

McFarland & Hullinger are still shipping approximately 4 truckloads per day from the Tiger Tailings to the ASARCO smelter at Hayden. Their silica slurry plant just south of Winkelman is grinding about 40 tpd of slurry. The silica is obtained from the Bobbitt claims nearby. GWI QR 6-30-71

Mill visit. McFarland & Hullingers silica mill near Winkleman. GWI WR 9/20/71

Visited McFarland and Hullinger silica plant south of Winkelman. Report to follow. FTJ WR 6/16/72

McFarland and Hullinger Silica plant, one mile south of Winkelman, were manufacturing about 45 tons a day of 200 mesh silica for both Kennecott and ASARCO furnace lining. FTJ 4 ¼ '72

Active Mine List - October 1972 - Empl. 7

To McFarland-Hullinger sand plant 1 mile south of Winkelman. They were re-enforcing footings for their sand tank. They hope to supply the contractor with sand for a new ASARCO stack to be constructed. FTJ WR 12/15/72

Up Smith Wash on the west side of the San Pedro River across from Kennecott's tailing pond at Hayden is the Bobbitt property which is being quarried for quartzite. This rock provides the source of silica which is ground and made into a slurry by McFarland-Hullinger's plant at Winkleman. This is then shipped as flux to ASARCO's smelter at Hayden. REL WR 8/28/7

Visited McFarland-Hullinger flux plant near Winkelman. Mr. Nelson not at plant but talked to one of the men who said there has not been any changes in the last year. FTJ WR 5/23/74

It is reported that McFarland-Hullinger are operating the Glove mine in Santa Cruz County. They are sinking a shaft and plan a six month exploration program. VBD WR 2/24/76

Mine visit - McFarland & Hullinger headquarters in Mammoth. They are still doing exploration work at the Glove mine. GWI WR 6/22/76

Visited McFarland-Hullinger silica operations at Winkelman and Mammoth. GW WR 1/27/77

See: Az. Paydirt, June 1983, Page 10A

JAVELINA GROUP PINAL COUNTY

Mine visit - Bobbitt Mine. GWI WR 2-1-71

Continental Oil Company has an option on and is drilling the Copper Hill property southwest of Winkelman. Adjoining this property is the silica property that belongs to Mr. Bobbitt. This is leased to McFarland & Hullinger. The silica is ground in their new silica mill south of Winkelman and the product is used in the Asarco smelter for patching. GWI QR 4-1-71

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine McFarland-Hullinger Date Dec. 11, 1973

District Winkelman, Arizona Engineer R.E.Lehner

Subject: Engineer's Report - visit Aug. 28, 1973)

Location: Winkelman Plant - T 5 S, R 15 E, Sec. 25, just South of Winkelman, AZ.

General Manager: W.D. Nelson Phone: 356-7684

Owner: McFarland-Hullinger, P.O. Box 811, Tucson, Arizona 85702

Commodity: SMELTER FLUX - silica & limestone

Operations: Quartzite is quarried from the Bobbitt claims up Smith Wash (T 5 S, R. 15 E, Sec. 30). Here, faulting and folding of the Precambrian quartzite has fractured and jointed the rock so that it is easily quarried and broken. It is crushed at the mine to 3-inch size. This material is trucked to the Winkelman plant where it is further crushed to 3/8-inch size and then ground to a minus 200-mesh. They take this material and make a slurry out of it and haul it to A.S. & R. and Kennecott for relining their furnaces. Other material 3-inch size is used as a silica flux by A.S. & R. Co. in their smelter. Production is about 50 tons/day. Enough slurry material has been prepared for rest of year.

Other activities of Hullinger-McFarland include: (1) A limestone quarrying operation behind the ASARCO smelter where the rock is crushed to 3/4 inch size for limestone flux for ASARCO smelter; (2) The reworking of the old Tiger Mine tailings for silica sand flux for ASARCO smelter; and (3) The hauling of limestone from the Black Hills limestone quarry (T 10 S, R 17 E, Sec. 24) to the San Manuel smelter.

ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: E. L. Crone Plant Supt.
   Address: Box 811 Tucson.
2. Mine: McFarland-Hullinger lease Bobbitt claims
3. No. of Claims - Patented —
   Unpatented —
4. Location: Ripsey district SW of Winkelman - Tortilla Mts.
5. Sec — Tp — Range —
6. Mining District
7. Owner: Allan Bobbit
8. Address: Hayden
9. Operating Co.: McFarland-Hullinger.
10. Address: Box 811 Tucson
11. President:
12. Gen. Mgr.: W.D. "Wimpey" Nelson
13. Principal Metals: quartz
14. No. Employed: 7 (mine + mill)
15. Mill, Type & Capacity: 45T/8hr.
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☐
    (d) Production ☑ (e) Rate 45T/8hr. shift tpd.
17. New Work Planned:
18. Miscl. Notes: Mill visit only.
    Quartzsite is crushed at mine - hauled to mill about 1½ mi south of Winkelman off Hwy 77. Quartzsite is ground to 80% - 200 mesh. operates 1 shift
    The powder silica is sold to both ASAR and Kennecott for furnace lining. It is blown against the walls of the furnace while operating thus avoiding costly shut-down for lining.

Date: June 20 1972

F T Johnson
(Signature) (Field Engineer)

A ZONA DEPARTMENT OF ER RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: K. Ericksen
   Address: Tucson Arizona
2. Mine: Babbit Claims + Mc. Hullinger Mill
3. No. of Claims - Patented
   Unpatented
4. Location:
5. Sec Tp Range
6. Mining District: Ripsey
7. Owner: Mill - McFarland & Hullinger
8. Address:
9. Operating Co.:
10. Address:
11. President:
12. Gen. Mgr.:
13. Principal Metals: SILICA ONLY
14. No. Employed: Bat Mine / Bat Mill
15. Mill, Type & Capacity:
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☐
    (d) Production ☒ (e) Rate tpd.
17. New Work Planned: 40 T.P.D Silica going to ASARCO HAYDEN — Kennecott Planning on using material later.
18. Miscl. Notes:

Date: 4-29-71

(Signature) (Field Engineer)

ARIZONA DEPARTMENT OF WATER RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Kenneth Erickson

   Address:

2. ~~Mine~~: McFarland - Hullinger Mill Silica 3. No. of Claims - Patented

   Unpatented

4. Location: [redacted] Mile S of Winkelman

5. Sec 24 or 25 Tp 5S Range 15E 6. Mining District

7. Owner: McFarland & Hullinger

8. Address:

9. Operating Co.: Same

10. Address:

11. President: 12. Gen. Mgr.:

13. Principal Metals: Silica 14. No. Employed: 2

15. Mill, Type & Capacity: 150 TPD Ball mill & Classifier

16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☐
    (d) Production ☒ (e) Rate 15 TPD tpd.

17. New Work Planned:

18. Miscl. Notes:

    Mill started last week getting Bugs out.
    present product to ASARCO Hayden

Date: 1-28-7[illegible]

(Signature) (Field Engineer)

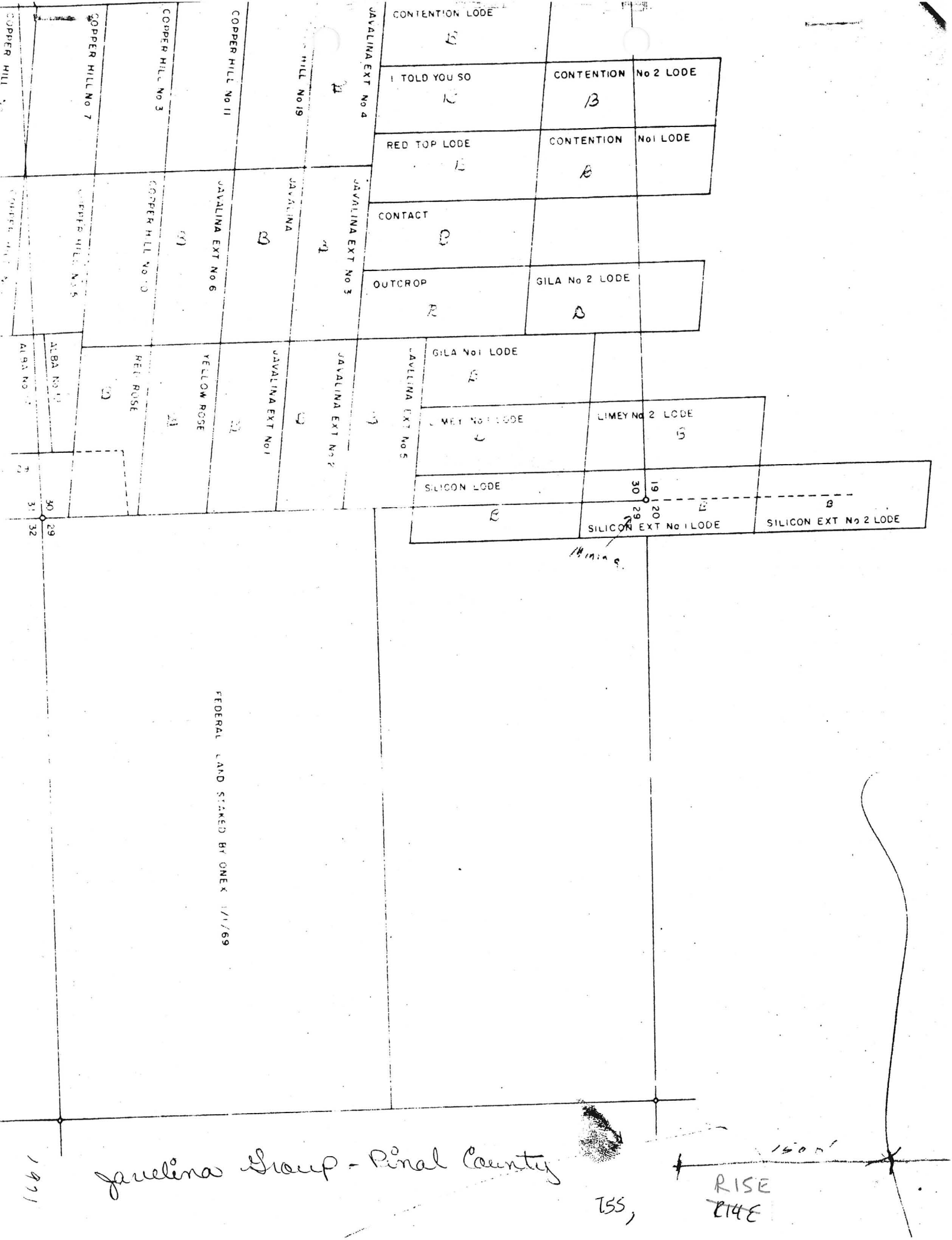
Memo from

JERRY W. IRVIN
Field Engineer
Department of Mineral Resources
STATE OFFICE BUILDING, TUCSON, ARIZONA

RECEIVED

TO: L. P.

YEP-BOBBITT PROPERTY IS S30-5S-15E
lo siento mucho. Will try and get more information on the property for you. I wern't lost, just made a mistake while talking on the phone and reading the map upside down. Here is Willie Judd's card for your file.


CONTENTION LODE
I TOLD YOU SO
CONTENTION
No 2 LODE
RED TOP LODE
CONTENTION
No1 LODE
CONTACT
OUTCROP
GILA No 2 LODE
GILA No1 LODE
LIMEY No 2 LODE
SILICON LODE
SILICON EXT No 1 LODE
SILICON EXT No 2 LODE
JAVALINA EXT No 4
JAVALINA EXT No 3
JAVALINA EXT No 5
JAVALINA EXT No 6
JAVALINA EXT No1
JAVALINA EXT No 2
JAVALINA
COPPER HILL No 11
COPPER HILL No 19
COPPER HILL No 3
COPPER HILL No 7
COPPER HILL No 6
COPPER HILL No 5
ALBA No 1
ALBA No 2
RED ROSE
YELLOW ROSE
FEDERAL LAND STAKED BY ONEX 1/1/69
Javelina Group - Pinal County
T5S,
R14E
160 ft

23 Unpat

Dear Bob,
these samples were taking by
one when sinking the shaft on #2
Javelina

COPY OF ASSAYS FROM VARIOUS PARTS OF THE SULPHIDE ORE

	GOLD ounces	SILVER ounces	COPPER %
Javelina Extention #1	0.01	0.05	6.2
Javelina Claims (Quartzite)	0.01	0.15	4.5
Javelina Claims (Quartzite)	0.01	0.25	0.7
Javelina Claims (Quartzite)	0.005	0.24	1.4
Javelina Claims (Quartzite)	0.02	0.04	3.0
Javelina Claims (Quartzite)	0.02	0.38	10.0
Javelina No. 2 - from shaft	0.75	24.8	0.62
Javelina No. 2 - from shaft	0.03	1.52	none
Javelina No. 2 - from shaft	0.01	0.31	0.1
Javelina No. 2 - from shaft	1.08	28.40	0.5
Javelina No. 2 - from shaft	0.47	8.89	1.3
Javelina No. 2 - from shaft	0.07	2.73	none
Javelina No. 2 - from shaft	0.01	0.31	1.2
Javelina No. 2 - from shaft	0.13	1.37	1.8
Javelina No. 2 - from shaft	0.01	0.20	0.2
Javelina No. 2 - from shaft	0.58	20.14	0.6
Javelina No. 2 - from shaft	0.29	7.55	none
Javelina No. 2 - from shaft	0.02	0.60	0.3
Javelina No. 2 - from shaft	0.06	0.54	0.3
Javelina No. 2 - from shaft	0.02	0.84	1.2
Javelina Outcrop	0.07	10.45	4.07
Javelina Outcrop	0.01	2.95	0.6
Javelina Outcrop	0.01	2.67	0.59

ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Nelson
   Address: McFarland & Hullinger
2. Mine: Bobbitt. 3. No. of Claims - Patented
   See Report on Bobbitt mine Unpatented
4. Location: 2 miles S.E Crozier Peak
5. Sec 30 Tp 5 S Range ~~T4E~~ 15E 6. Mining District
7. Owner: Bobbitt of Hayden.
8. Address:
9. Operating Co.: McFarland & Hullinger
10. Address:
11. President: 12. ~~Gen. Mgr.~~ Supt W. D. Nelson.
13. Principal Metals: 14. No. Employed: 3
15. Mill, Type & Capacity:
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☐
    (d) Production ☒ (e) Rate tpd.
17. New Work Planned:
18. Miscl. Notes:
    Have Crushing plant at mine Jaw & Gyratory

Date: 1-28-71

(Signature) (Field Engineer)

VBB 6-2-

A ONA DEPARTMENT OF MINER RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: K. Ericksen
   Address: Tucson Arizona
2. Mine: Babbit Claims + Mc. Hullinger Mill
3. No. of Claims - Patented ____
   Unpatented ____
4. Location: ____
5. Sec ____ Tp ____ Range ____
6. Mining District: Ripsey
7. Owner: Mill - McFarland & Hullinger
8. Address: ____
9. Operating Co.: ____
10. Address: ____
11. President: ____
12. Gen. Mgr.: ____
13. Principal Metals: SILICA ONLY
14. No. Employed: 3 at Mine, 3 at Mill
15. Mill, Type & Capacity: ____
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☐
    (d) Production ☒ (e) Rate ____ tpd.
17. New Work Planned: 40 T.P.D Silica going to ASARCO HAYDEN — Kennecott Planning on using material later.
18. Miscl. Notes: ____

Date: 4-29-71

(Signature) (Field Engineer)