



## **CONTACT INFORMATION**

Mining Records Curator  
Arizona Geological Survey  
1520 West Adams St.  
Phoenix, AZ 85007  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

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PRINTED: 09/05/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: TRES DE MAYO MINE

ALTERNATE NAMES:

PALMETTO  
ROBERT E (BOB) LEE  
HASSAYAMPA  
HOLLYWOOD  
LA PALMA  
UNION

SANTA CRUZ COUNTY MILS NUMBER: 106B

LOCATION: TOWNSHIP 23 S RANGE 15 E SECTION 3 QUARTER S2  
LATITUDE: N 31DEG 26MIN 44SEC LONGITUDE: W 110DEG 48MIN 05SEC  
TOPO MAP NAME: NOGALES - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

SILVER  
LEAD  
GOLD  
COPPER  
ZINC  
LEAD

BIBLIOGRAPHY:

KEITH, S.B., 1975, INDEX OF MINING PROP. IN  
SANTA CRUZ CO., AZBM  
AZBM CARD FILE SANTA CRUZ CO.  
USBM FIELD NOTES P614  
ADMMR TRES DE MAYO MINE FILE  
A.L. FLAGG, VANADIUM REPORT - BOOK 4  
ALSO IN SEC 10 N2

TRES DE MAYO MINE

SANTA CRUZ COUNTY

Book V-IV - A.L. Flagg vanadium reports

USBM "U" file reports - vanadium

Ariz. Mng. Journal, March, 1919, p. 29

See: Eagle-Picher Confidential File "T"

SEPTEMBER 1957  
MINING WORLD

Tres Mayo file  
By Ken A. Phillips

Santa Cruz County

In a JABA news release of April 14, 1997 by JABA president Donald A. Sharpe, it was reported that "At Maggies Canyon, Santa Cruz County, Arizona, a one-hole drill search for the source of the copper in a copper-oxide-rich spring near the Red Mountain porphyry copper occurrence did not live up to expectations, and the project was dropped."

Maggies Canyon is listed as an alternate name for the Tres Mayo as suggested by James A. Briscoe. It is one of two existing properties that are the best fit by location for the limited information available. The other is the Sonita Mine. Both are in Sec. 3, T23S, R15E

TRES DE MAYO MINE

SANTA CRUZ COUNTY  
PALMETTO DISTRICT

Mrs. Frank Otero called office about problem that her husband has as a partner in the Tres De Mayo Mine.

GWI WR 5/25/68

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Mine Visit - Tres de Mayo S10, T23S, R15E. GWI WR 1-11-71

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- Ray Roripaugh, S. Dogtown Rd., Box 8-C, Sasabe Star Route, 625-3256, were in the office. He and John Able have an option on the Tres de Mayo. Call themselves Dura Exploration & Development Co. Tres de Mayo owners are Arthur Peck and Frank Otero. GWI WR 10/3/75
- 

Ray Roripaugh stopped at the office to report that he is quitting his exploratory project at the Tres de Mayo mine in Santa Cruz County, Patagonia dist. He hopes to do some exploratory work at the Total Wreck mine in Pima Co.  
VBD WR 1/20/76 (file)

TRES de MAYO MINE

SANTA CRUZ COUNTY

Shaft now being sunk at the Tres de Mayo property.

GWI WR Jan 5, 1966.

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It was reported that the MM&S Company of Eureka, Nevada, had taken over the old Tres de Mayo property between Patagonia and Nogales. Mine Foreman was Willie Rhea, and that the metal was silver, in which they were interested.

*no longer with Co. (GWI)  
5/18/66*

Patagonia Conf. GWI 3/2/66

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The new inclined shaft of the MM&S Co. near the old Tres De Mayo, Approx. Sec 10, R15E, T28S. No one around. Shaft covered over.

GWI WR 3/5/66

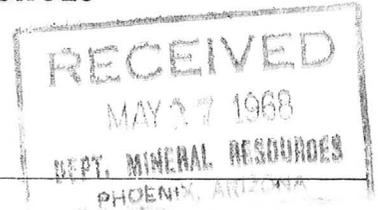
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It was reported that M M & S Company had shut down for a short time.

GWI Conf. 5/4/66

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**A NA DEPARTMENT OF MINERAL RESOURCES**  
**Mineral Building, Fairgrounds**  
**Phoenix, Arizona**



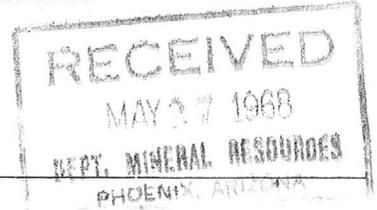
1. Information from: Mrs. Frank Otero  
Address: Mr. Otero-Box 783, Benson, now working near Arivaca
2. Mine: TRES DE MAYO 3. No. of Claims - Patented \_\_\_\_\_  
Unpatented 11
4. Location: 11 miles North East of The Santa Cruz County Courthouse.
5. Sec. 10 Tp. 23E Range 15E 6. Mining District Palmetto
7. Owner: A. L. & A. M. Peck (Long Beach Calif.) 60% Frank Otero 40%
8. Address: \_\_\_\_\_
9. Operating Co.: None
10. Address: \_\_\_\_\_
11. President: \_\_\_\_\_ 12. Gen. Mgr.: \_\_\_\_\_
13. Principal Metals: \_\_\_\_\_ 14. No. Employed: \_\_\_\_\_
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: Mrs. Otero says that Mr. Otero has a forty percent interest for  
keeping up the assessment work  
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\_\_\_\_\_  
\_\_\_\_\_

Date: 5-24-68

[Signature]  
(Signature)

(Field Engineer)

**A NA DEPARTMENT OF MINERAL RESOURCES**  
**Mineral Building, Fairgrounds**  
**Phoenix, Arizona**



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Date: 5-24-68

[Signature]  
(Signature)

(Field Engineer)

6-9-58  
Weekly Report

TRES de MAYO MINE (file)

SANTA CRUZ CO.  
CAMERON DIST.

Mine reported closed down on account of low  
grade of ore.

AXEL JOHNSON

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Union Mine *Also known as Treede* Date July 12, 1957 & Oct. 19, 1957  
*Mayo Mine*

District Palmetto District, Santa Cruz Co. Engineer Axel L. Johnson

Subject: Present Status. Information from Herman D. Rhea.

Location About 12 miles NE of Noglaes.

Owner Mrs. Jessie Taft, San Antonio, Texas.

Lessees General Development & Mining Co., Box 667, Nogales, Ariz.  
Herman D. Rhea, President, same address

Principal Minerals Lead and Silver.

Present Mining Activity None. Lessees expect to start exploration work on the property in a short time.

Addenda on Oct. 10, 1957  
No exploration work on the property, as yet.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine TRES de MAYO MINE

Date April 2, 1958

District Palmetto District, Santa Cruz. Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report - Personal Visit & information from Frank Otero & Rupert Beyerle

References Reports of July 12 and Oct. 10, 1957.

Location About 12 miles NE of Nogales.

Number of Claims 7 unpatented claims.

Owners A. L. Peck and A.M. Peck, Nogales, Arizona.

Lessees Frank O. Otero, 233 Sonoita Ave., Nogales, Arizona. A 3 year lease from Feb. 13, 1958 to Feb. 13, 1961. Rupert Beyerle, River Store, Nogales is a partner of Mr. Otero by private agreement.

Principal Minerals Manganese ore in location of present operations.

Present Mining Activity Mining manganese ore. Production about 50 tons per week. 4 men working.

Geology & Mineralization Manganese vein about 4 ft. wide, dipping about 45 degrees to the west.

Ore Values About 23 to 25% manganese ore, which appears to be quite high in iron content.

Ore in Sight & Probable Very little ore in sight as yet, as the shaft is only down 25 feet.

Milling & Marketing Facilities Ore sold to the Mohave Mining and Milling Co., Wickenburg, Arizona, who pays operators \$15. to \$20. per ton, depending on the manganese content.

Past History and Production No past history of manganese production reported.

Mine Workings 1 inclined shaft (incl. 45 deg.) -- now 25 ft. deep, and being extended deeper.

Present Mining Operations Mr. Otero soon after acquiring the lease, built about 2 miles of road into the property, and started sinking the inclined shaft about March 10th. Mr. Beyerle closed down the Hilltop Mine about 2 weeks ago (Mar. 17) and became Mr. Otero's partner about that time. Operators are now sinking the inclined shaft, which is now down to a depth of 25 ft. on the incline. Most of the material removed in the shaft sinking operations is manganese ore, which is shipped to the Mohave Mining & Milling Co., Wickenburg, Arizona. Ore is trucked to Patagonia and from there shipped by rail to Wickenburg. One carload of ore has been shipped to date.

Personal Observations It might be possible to upgrade this ore considerably by screening, as most of the ore values seem to be contained in the coarse material. The field engineer suggested to the operators to make screen tests of the material to determine this.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Tres de Mayo Mine

Date Oct. 10, 1957

District Palmetto District, Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Present Status. Information from Herman D. Rhea.

References Report of July 12, 1957.

Location About 12 miles NE of Nogales.

Owner Arthur Peck, Nogales, Ariz.

Lessees ✓ General Development & Mining Co., Box 667, Nogales, Ariz.  
✓ Herman D. Rhea, same address. *mail ret. 10-29-55 - married left no address*

Principal Minerals Lead, silver, Manganese.

Present Mining Activity None. Lessees have done some exploration work since visit to the property and report of July 12, 1957, but this has now been discontinued.

Proposed Plans Mr. Rhea reports that exploration work on the property was discontinued on account of the poor results shown. He states that his company will do no more work on the property and may give up the lease.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Tres de Mayo Mine

Date July 12, 1957

District Palmetto District, Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Herman D. Rhea and personal visit.

Location About 12 miles NE of Nogales.

Owner Arthur Peck, Nogales, Ariz.

Lessees General Development & Mining Co., Box 667, Nogales, Ariz.  
Herman D. Rhea, President, " " "

Principal Minerals Lead, Silver, Manganese.

Present Mining Activity Exploration work. 3 men working.

Geology & Mineralization Fault and quartz fissure veins in quartz monzonite rock, associated with some diorite intrusions. Ore deposits occur in quartz fissure veins, near or adjacent to the diorite intrusions. Veins are filled with quartz, limonite, psilomelane, cerussite, galena, malachite and azurite.

Ore Values Not enough exploration work and sampling to determine an average ore content. Apparently the ore is quite lean, and a mill would have to be erected to treat the ore. Sufficient ore to warrant the installation of a mill is problematical.

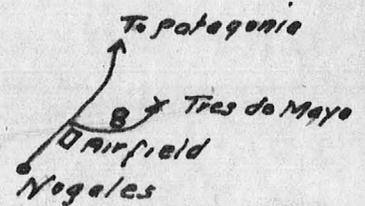
Ore in Sight & Probable None.

Milling & Marketing Facilities No mill on the property at the present time. Operators plan on installing a 50 ton portable Wemco sink float mill at the property, if exploration work proves a sufficient amount of ore.

Proposed Plans Operators also plan to mill custom ores for other operators in the immediate area, if they do install such a mill. The capacity of the mill, in this case, will be increased according to the requirements.

1947

31-110-3-4



TRES DE MAYO  
 Palmetto Mining District  
 Santa Cruz County, Arizona.

The Tres de Mayo is located about 8 miles NE from the Patagonia-Nogales Highway at the point on the north side of the air-field where the road branches off.

Development:

The Tres de Mayo vein is developed thru a vertical shaft 542 feet deep from which several levels have been driven. The most extensive is the 4th level which has a total of 420 feet of drifting and cross-cutting. Numerous other shallow workings explore the Tres de Mayo vein and other veins on the property. Water stands in the main shaft at 90 feet according to Mr. Cummings, the caretaker.

Geology:

In the vicinity of the Tres de Mayo camp the rocks are diorite and granite.

The Tres de Mayo vein strikes N 80 W and dips steeply south. West of the camp about 300 feet a fault zone 20 feet wide striking N-S and dipping steeply west is exposed by an open cut. This fault should intersect the Tres de Mayo vein about 600 feet NW of the shaft. Between the fault exposure and the Tres de Mayo vein which is 500 feet north numerous minor fissures were noted striking from N 30 W to N 65 W.

The north-south structure was highly altered and contained massive bands and pods of manganese oxide. The Tres de Mayo vein where observed at an open pit about 250 feet west of the shaft was also highly altered and contained narrow bands of manganese both within the vein and in the adjacent wall rock. The dump from this open pit contained small amounts of lead carbonate, vanadinite and lead molybdate.

The chief minerals in the Tres de Mayo are lead and associated vanadium and molybdenum oxides. Some galena was noted in the dumps. It is reported that some high grade silver was mined in the oxidized zone. From available information ore appears to make in small lenses, probably at vein intersection, although this could not be definitely established without seeing the occurrences underground.

Samples by Cummings of the better sections of the dump at the 542 ft shaft gave an average silver content of 2 oz and lead between 1% and 2%.

Conclusion:

The rather extensive development work done on the Tres de Mayo structures has to date proven very little if any commercial ore, as far as can be determined.

Further exploration of the area does not appear justified in view of the results of the present work.

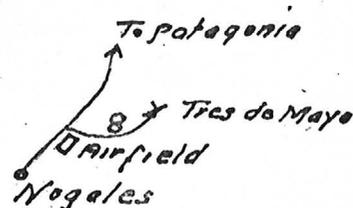
March 1947.

E.S.

B.M.S.  
Heron and Stone

1. Tres de Mayo
2. Santa Cruz County, Arizona
- 3.
4. Messrs. Harnon and Stone
5. Visited sometime in March, 1947
6. Lead and associated vanadium and molybdenum oxides.
7. "The rather extensive development work done on the Tres de Mayo structures has to date proven very little if any commercial ore, as far as can be determined. Further exploration of the area does not appear justified in view of the results of the present work."
8. \_\_\_\_\_

3/1947



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