



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

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

PRINTED: 09/05/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: VINDICATOR MINE GROUP

ALTERNATE NAMES:

STEWART-FERNSTROM

CARBOLOY GROUP

UNION # 1-4

PIMA COUNTY MILS NUMBER: 54

LOCATION: TOWNSHIP 20 S RANGE 9 E SECTION 25 QUARTER SW

LATITUDE: N 31DEG 39MIN 19SEC LONGITUDE: W 111DEG 22MIN 54SEC

TOPO MAP NAME: ARIVACA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

TUNGSTEN

COPPER SULFIDE

GOLD LODE

SILVER

LEAD

BIBLIOGRAPHY:

S.B. KEITH, AZBM BULL. 189, P. 107, 1974

ADMMR VINDICATOR MINE FILE

USBM RI 5650, P. 100-101

AZBM BULL. 148, P. 39

ADMMR OBREGON CLAIMS FILE

ADMMR LAS GUIJAS MINE FILE



STATE OF ARIZONA
DEPARTMENT OF MINERAL RESOURCES

MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA 85007

602/255-3791

VINDICATOR MINE
STEWART GROUP

PIMA COUNTY
LAS GUIJAS DIST.
T20S, R9E, Sec. 25

MILS VINDICATOR MINE GROUP

See: ABM #148 p. 39

USBM RI 5650 p. 100-101, 98

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Vindicator Mine

Date Nov. 2, 1956

District Las Guijas District, Pima Co.

Engineer Axel L. Johnson

Subject: Mine Report. Information from Cordy C. Calvin, Operator. Not visited.

Location At Las Guijas, 9 mi. N. & 9 mi. W. of Arivaca. Right next to the Carboloy Group.

Owner I. M. Whitney. (claim located in 1954 by Fred Carlson)

Lessee and Operator Cordy C. Calvin, Parkview Hotel, 159 W. Pennington, Tucson, Ariz.

Principal Minerals Tungsten ore in the form of wolframite, hubnerite, ~~and ferberite~~

Present Operations Mining tungsten ore (Hubnerite and wolframite), and hauling this ore to the Fernstrom Mill in Tucson for milling. The Fernstrom mill is also leased by Mr. Calvin.

Remarks Will make a more complete report of this property, after I had the opportunity to make a personal inspection of same.

*

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

August 7, 1958

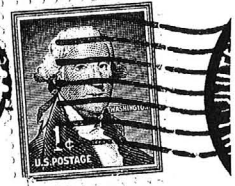
To the Owner or Operator of the Arizona Mining Property named below:

Stewart Group (Pima County)
(Property)

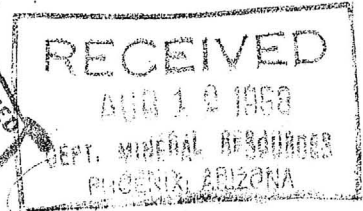
hubnerite, manganese, tungsten
(ore)

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
Mineral Building, Fairgrounds
PHOENIX, ARIZONA

NOT AT THIS ADDRESS



Mr. Lester Fernstrom
164 S. Main St.
Tucson, Arizona



Handwritten signature and the number 103.

Enc: Mine Owner's Report

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA

OWNERS-MINE REPORT

REPORT BY:
A. BRODIE CAMPBELL

MS - 92

Date

May 8, 1942

1. Mine Stewart Group
2. Mining District & County Las Guijas Dist.,
Pima County
3. Former name
4. Location ~~164~~ Las Guijas Dist.
5. Owner Lester Fernstrom (Option)
6. Address (Owner) 164 S. Main St.
Tucson, Arizona
7. Operator " " "
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Hubnerite
mongonite Tungsten
14. Men Employed
15. Production Rate
16. Mill: Type & Cap. Gravity Iton/hr
(Same mill as for G. E. Property)
17. Power: Amt. & Type
18. Operations: Present None

Fernstrom, Lester G.
164 S. Main Street (Box 51, Ruby Star Rt.)
Tucson, Arizona

5-6-42

19. Operations Planned Development of very good series of veins.
20. Number Claims, Title, etc. 7 held by location
21. Description: Topography & Geography Rugged; mountainous. 3500 to 4500 feet elevation
22. Mine Workings: Amt. & Condition One 30-foot cross-cut; several tunnels

23. Geology & Mineralization Quartz veins in granite. Associated more basic rocks. Veins slightly faulted but traceable for several thousand feet. Hubnerite sericite and pyrite show. Strike N 70° W - Dip 30° - 60° to N
24. Ore: Positive & Probable, Ore Dumps, Tailings Very fine chance for large tonnage of fair ore.
- 24-A Vein Width, Length, Value, etc. Vein of from 8" to 5' exposed for about 1,000' has mean elevation of about 80' above lowest outcrop. An additional 200' to known water level.
25. Mine, Mill Equipment & Flow Sheet Same as described on General Electric or Las Guijas report.
26. Road Conditions, Route Good to within 1 mile of property. Use same road direction for getting to Las Guijas mine
27. Water Supply Wells, in creek bottom. Questionable for large operation.
28. Brief History Originally held by Gen. Electric. Held by Fernstrom since 1838.
29. Special Problems, Reports Filed See Tungsten Deposits of Arizona, by Wilson, 1941
30. Remarks
This property should be a large producer of tungsten. It is in the same general formation as Las Guijas and the conditions are almost identical with that property.
31. If property for sale: Price, terms and address to negotiate.
Yes, see Elmer Fernstrom, 164 S. Main St. Tucson, Arizona.
32. Signed.....
33. Use additional sheets if necessary.

NAME OF MINE: STEWART

COUNTY: PIMA
DISTRICT: LAS GUIJAS
METALS: WO3

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

DATE:

5/1/44

Lessee: Mrs. Alvera Rhine
Box 5493, Tucson

5/1/44 Idle

Reference: ABM Bull. 148, p. 39

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

MS - 92

REPORT BY:
A. BRODIE CAMPBELL

Date

May 8, 1942

- 1. Mine Stewart Group
 - 2. Mining District & County Las Guijas Dist.,
Pima County
 - 3. Former name
 - 4. Location ~~164~~ Las Guijas Dist.
 - 5. Owner Lester Fernstrom (Option)
 - 6. Address (Owner) 164 S. Main St.
Tucson, Arizona
 - 7. Operator " " "
 - 8. Address (Operator)
 - 9. President
 - 10. Gen. Mgr.
 - 11. Mine Supt.
 - 12. Mill Supt.
 - 13. Principal Metals Hubnerite
manganese Tungsten
 - 14. Men Employed
 - 15. Production Rate
 - 16. Mill: Type & Cap. Gravity 1ton/hr
(Same mill as for G. E. Property)
 - 17. Power: Amt. & Type
 - 18. Operations: Present None
- Fernstrom, Lester G. 5-6-42
 164 S. Main Street (Box 51, Ruby Star Rt.)
 Tucson, Arizona
- 19. Operations Planned Development of very good series of veins.
 - 20. Number Claims, Title, etc. 7 held by location
 - 21. Description: Topography & Geography Rugged; mountainous. 3500 to 4500 feet elevation
 - 22. Mine Workings: Amt. & Condition One 30-foot cross-cut; several tunnels

23. Geology & Mineralization Quartz veins in granite. Associated more basic rocks. Veins slightly faulted but traceable for several thousand feet. Hubnerite sericite and pyrite show. Strike N 70° W - Dip 30° - 60° to N
24. Ore: Positive & Probable, Ore Dumps, Tailings Very fine chance for large tonnage of fair ore.
- 24-A Vein Width, Length, Value, etc. Vein of from 8" to 3', exposed for about 1,000' has mean elevation of about 80' above lowest outcrop. An additional 200' to known water level.
25. Mine, Mill Equipment & Flow Sheet Same as described on General Electric or Las Guijas report.
26. Road Conditions, Route Good to within 1 mile of property. Use same road direction for getting to Las Guijas mine
27. Water Supply Wells, in creek bottom. Questionable for large operation.
28. Brief History Originally held by Gen. Electric. Held by Fernstrom since 1838.
29. Special Problems, Reports Filed See Tungsten Deposits of Arizona, by Wilson, 1941
30. Remarks
This property should be a large producer of tungsten. It is in the same general formation as Las Guijas and the conditions are almost identical with that property.
31. If property for sale: Price, terms and address to negotiate.
Yes, see Elmer Fernstrom, 164 S. Main St.
Tucson, Arizona.

32. Signed.....

33. Use additional sheets if necessary.