



## **CONTACT INFORMATION**

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PRINTED: 06/26/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: FREEMAN TUNGSTEN

ALTERNATE NAMES:  
HUBBARD

MOHAVE COUNTY MILS NUMBER: 462A

LOCATION: TOWNSHIP 16 N RANGE 11 W SECTION 22 QUARTER E2  
LATITUDE: N 34DEG 40MIN 58SEC LONGITUDE: W 113DEG 23MIN 59SEC  
TOPO MAP NAME: ELEPHANT MTN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
TUNGSTEN

BIBLIOGRAPHY:  
ADMMR FREEMAN TUNGSTEN MINE FILE  
ADMMR MOHAVE CUSTOM MILL PROJECT  
BLM UNIT RESOURCE ANALYSIS STEP 3 & 4,  
HUALAPAI UNIT

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

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LATITUDE: N 34DEG 40MIN 58SEC LONGITUDE: W 113DEG 23MIN 59SEC  
TOPO MAP NAME: ~~PRESCOTT~~ - 1:250K

Elephant Mountain - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

TUNGSTEN-(M)W03 CONTENT-PRIMAR

BIBLIOGRAPHY:

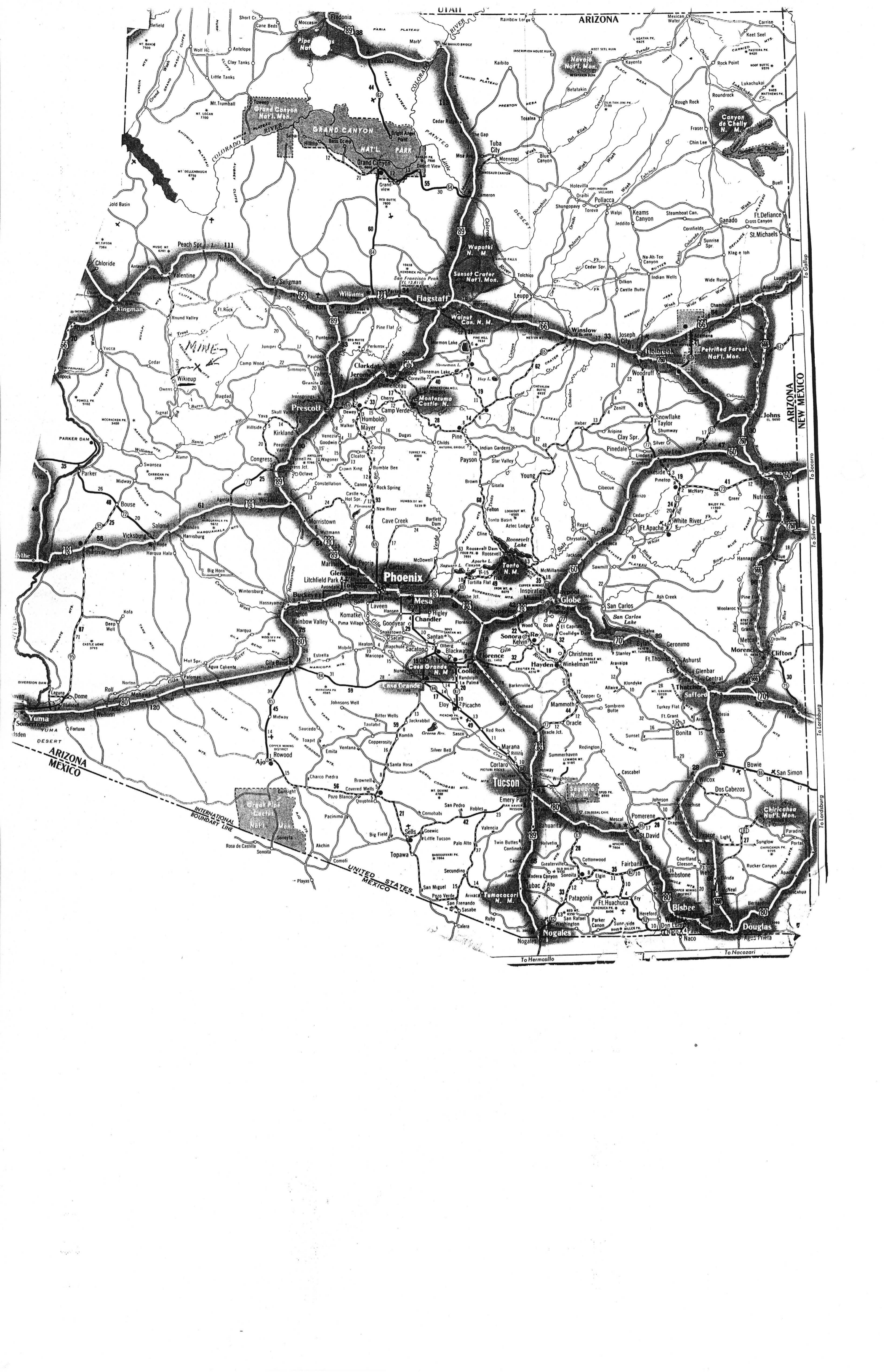
~~USGS PRESCOTT QUAD~~

ADMR FREEMAN TUNGSTEN MINE FILE

ADMR MOHAVE CUSTOM MILL PROJ. CARD FILE

BLM UNIT RESOURCE ANALYSIS STEP 3 & 4,

HUALAPAI UNIT



ARIZONA

ARIZONA  
NEW MEXICO

ARIZONA  
MEXICO

INTERNATIONAL  
BOUNDARY LINE  
UNITED STATES  
MEXICO

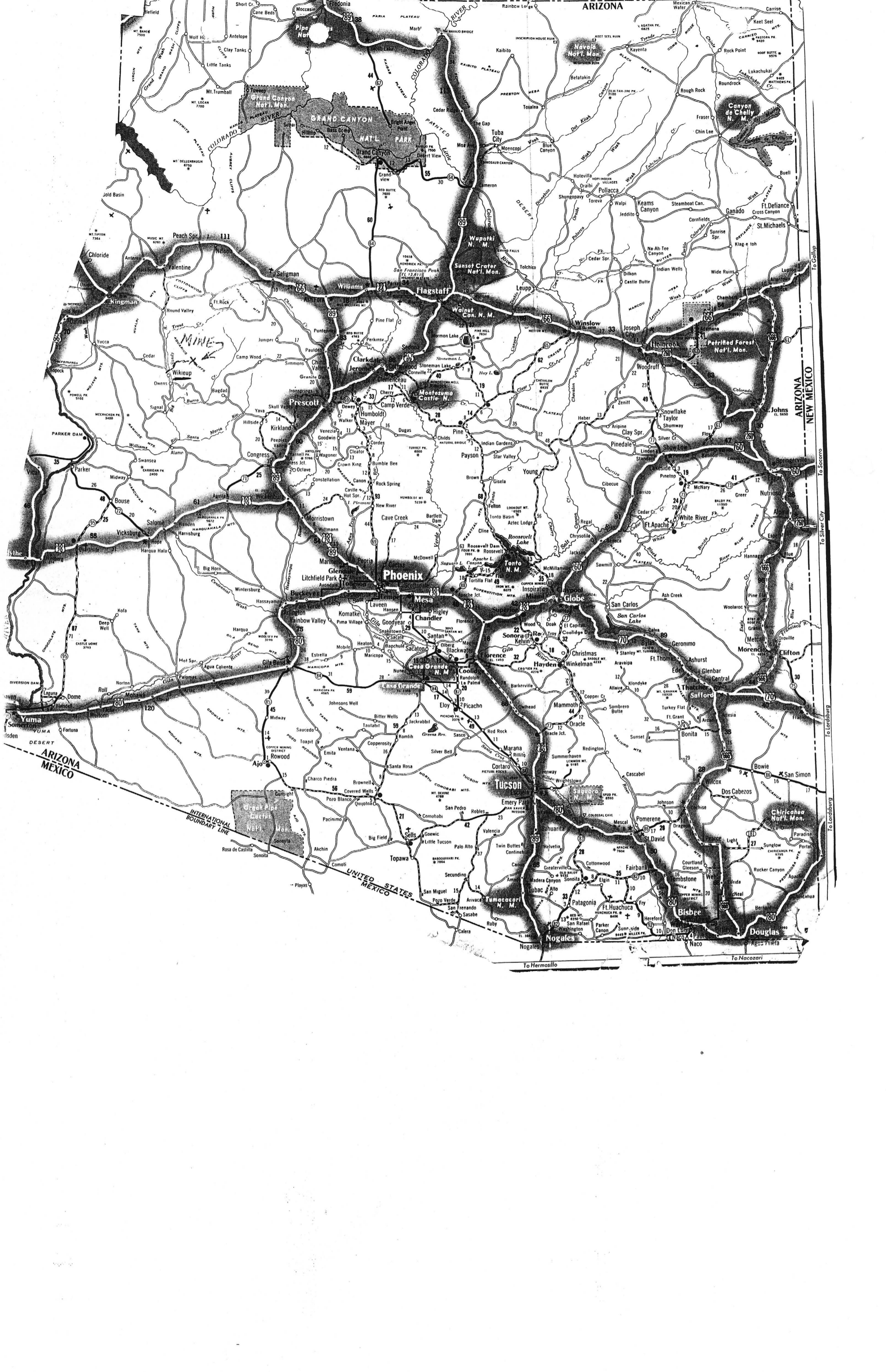
UNITED STATES  
MEXICO

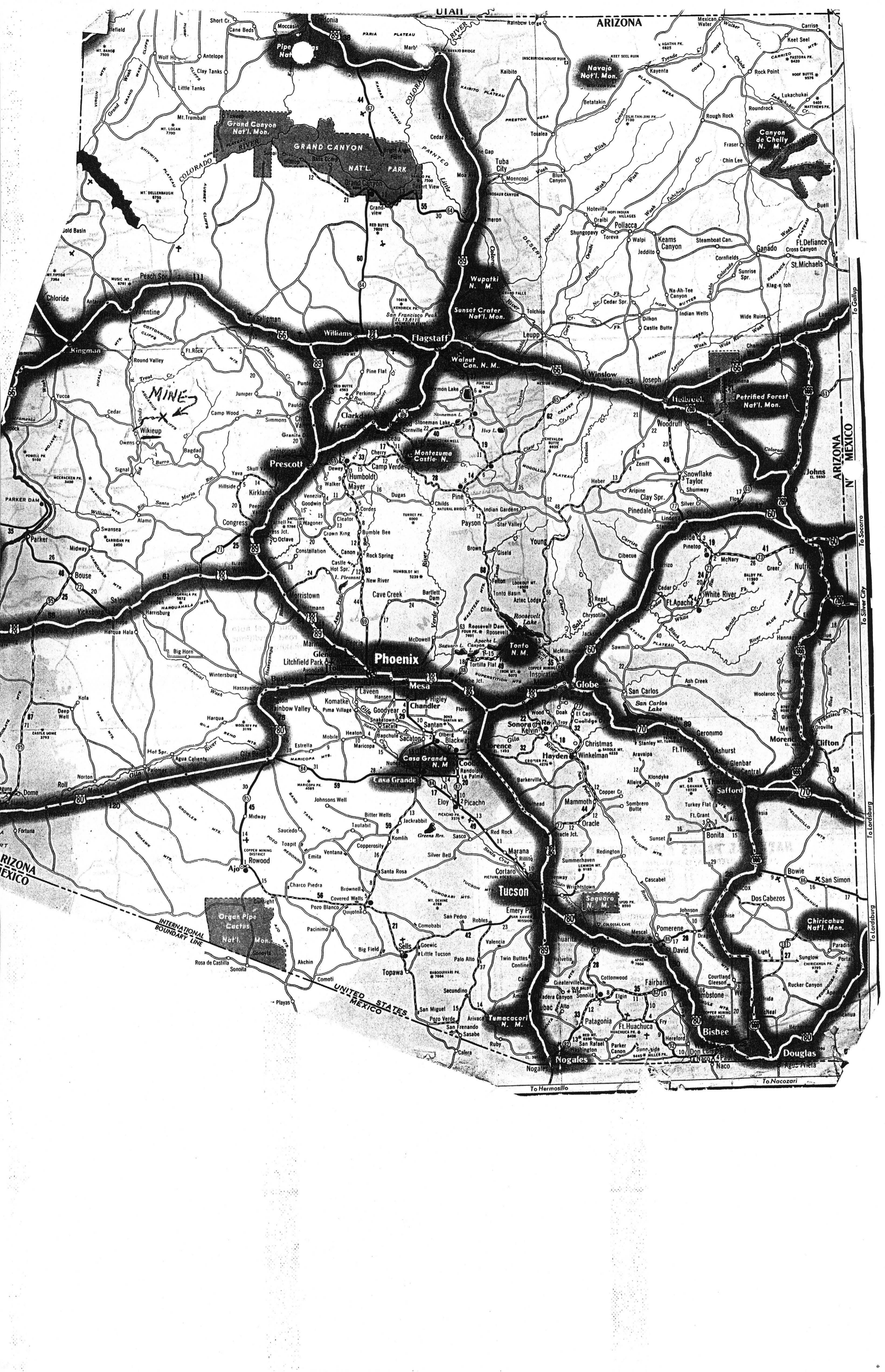
To Hermosillo

To Nacoari

To Gallup  
To Silver City  
To Lordsburg

UTAH





ARIZONA

ARIZONA  
MEXICO

ARIZONA  
MEXICO

INTERNATIONAL  
BOUNDARY LINE

UNITED STATES  
MEXICO

GRAND CANYON  
NAT'L. PARK

Navajo  
Nat'l. Mon.

Canyon de Chelly  
N. M.

Sunset Crater  
Nat'l. Mon.

Petrified Forest  
Nat'l. Mon.

Phoenix

Tucson

Chiricahua  
Nat'l. Mon.

Organ Pipe  
Cactus  
Nat'l. Mon.

Nogales

Douglas

Grand Canyon  
Nat'l. Mon.

MINE

Bouse

Maricopa

Ajo

Topawa

San Miguel

San Rafael

San Frenando

Sasabe

Clay Tanks

Little Tanks

Antelope

Wolf Ho

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DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
413 HOME BUILDERS BUILDING  
PHOENIX, ARIZONA

*Mr. J. F. Mayres  
& family  
Phoenix, Ariz.*

~~Mr. J. F. Mayres  
2200 W. Van Buren  
Phoenix, Ariz.~~

TURN  
WRITER  
CLAIMED



*gone 4/12*

PHOENIX, ARIZ.  
OCT 5 2:30 PM '58

Mr. Chas. S. Purtyman  
2227 W. Berridge Lane  
Phoenix, Arizona

PHOENIX, ARIZ.  
OCT 2 6-PM '58



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

October 2, 1958

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

FREEMAN GROUP 1,2,3,4,5, & (Mohave County) Tungsten  
' (Property) (ore)  
JOY BUG 1, 2, 3,

We have an old listing of the above property which we would like to have brought up to date.

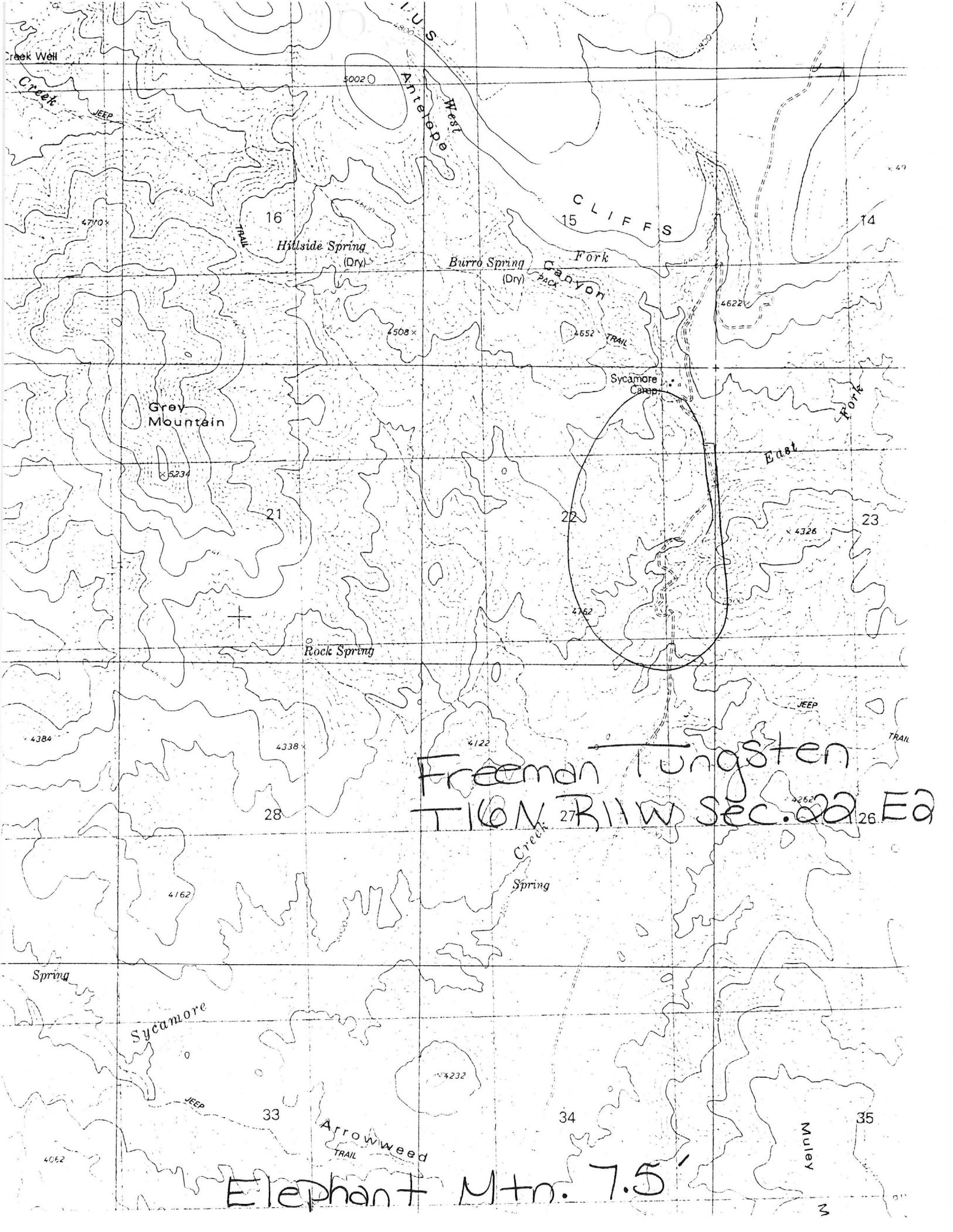
Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

*Frank P. Knight*

FRANK P. KNIGHT,  
Director.

Enc: Mine Owner's Report





Creek Well  
Creek  
JEEP

50020

Antelope  
West

CLIFFS

16

Hillside Spring  
(Dry)

Burro Spring  
(Dry)

Fork

CANYON

14

4508x

4652

TRAIL

4622

Grey Mountain

5234

21

Sycamore  
Canyon

East

Fork

22

4326

23

Rock Spring

4762

4384

4338

4122

4262

28

Freeman Tungsten  
TION Rllw Sec. 22 Ea

26

Creek  
Spring

4162

Spring

Sycamore

4232

JEEP

33

Arrowweed  
TRAIL

34

Muley

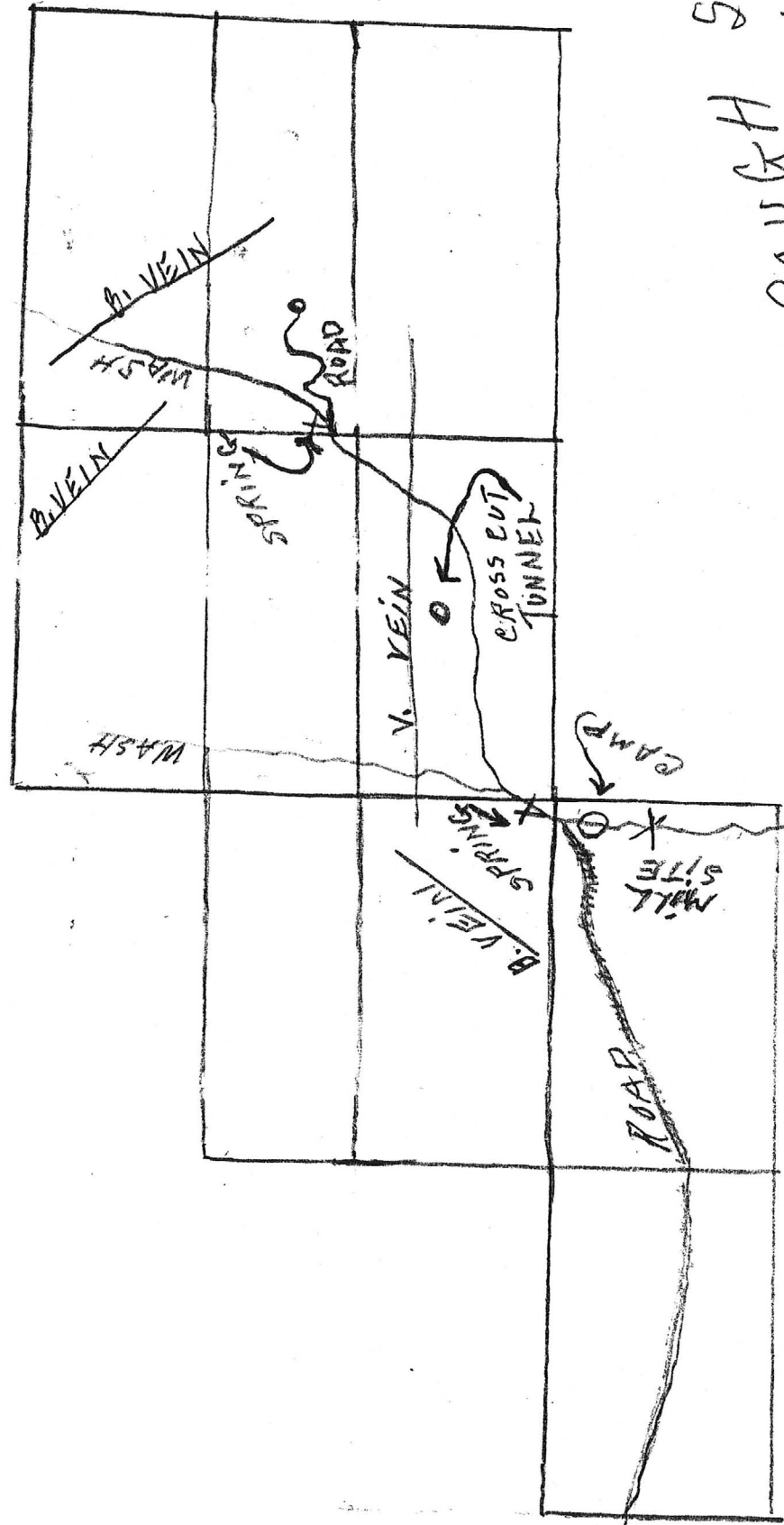
35

Elephant Mtn. 7.5'

4062

3

HIGHEST POINT OF ELEVATION



ROUGH SKETCH OF SKETCHES

LOWEST POINT OF ELEVATION

Owned by  
Jack Findley  
Feb. 1941

now known as  
Freeman Tungsten

5-27-57

FREEMAN TUNGSTEN MINE  
Formerly - HUBBARD MINE

MOHAVE COUNTY  
GREENWOOD DIST.

*W. S. Up*

This property idle.

Mark Gemmill

---

Freeman Tungsten Mine (formerly Hubbard Mine)

Mohave County

reference: Arizona Dept. of Mineral Resources  
Freeman Tungsten Mine Mohave Co. (file)

minerals: tungsten

present owner:

history of the area:  
the property was first discovered by the Hubbard family in 1937 and was worked by them until 1941 when the property was purchased by Jack Findlay of Phoenix, AZ. He did some work. In 1943 the property was purchased by I. F. Mures, C. S. Portymun, W. R. McCumber, and W. W. Cowser. They worked the area at 3-10 tons per 8 hour day. By 1957 the property was idle

geology: granite with small quartz stringers

property consists of 8 unpatented claims  
Freeman Group and Jay Bug

April 23, 1942

Mr. Jack R. Findley  
1458 E. Garfield  
Phoenix, Arizona

Dear Mr. Findley:

I am enclosing a copy of Mine Owner's Report filed with this department covering the FREEMAN TUNGSTEN MINE in Mohave County.

I shall be glad to submit this report to anyone making inquiry for a property such as yours.

Assuring you of my desire to be helpful, and with best wishes, I am

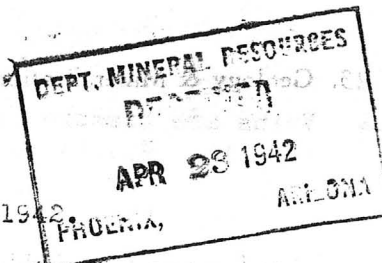
Yours very truly,

J. S. Coupal

JSC:LP  
Enc.

217-12

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT



Date April 22, 1942

- 1. Mine Freeman Tungsten.
- 2. Location Wikieup, Arizona.
- 3. Mining District & County Greenwood District, Aquarius Cliff Range, Mohave County.
- 4. Former name Hubbard Mine.
- 5. Owner Jask R. Findley.
- 6. Address (Owner) 1438 E. Garfield Phoenix, Arizona.
- 7. Operator Jask R. Findley.
- 8. Address (Operator)
- 9. President, Owing Co.
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 14. Principal Minerals Tungsten.
- 11. Mine Supt.
- 15. Production Rate
- 12. Mill Supt.
- 16. Mill: Type & Cap.
- 13. Men Employed
- 17. Power: Amt. & Type

18. Operations: Present

254 foot cross cut tunnel cutting vertical vein at 150 foot depth, connected by 60 foot drift on vein.  
15 foot inclined shaft started on blanket vein.  
(not working at present).

19. Operations: Planned

Nothing definite is planned for the coming year.

20. Number Claims, Title, etc.

10 unpatented claims.  
(Please note attached sheet showing location of claims).

21. Description: Topography & Geography

Elevation about 3000 feet.  
Rugged land.  
One large wash with two springs of water cutting through the claims.

22. Mine Workings: Amt. & Condition

Cross cut tunnel and drift well timbered and in good working condition.

(over)

3. Geology & Mineralization

Veins are fissure type, cut by several strong dykes. It appears to be a metamorphic deposit. Values occur as oxides.

24. Ore: Positive & Probable, Ore Dumps, Tailings

24A. Dimensions and Value of Ore body

One vertical vein with average width of 10 to 24 inches, traceable on surface for 1500 feet. One blanket vein average width 15 to 30 inches traceable for 500 feet on surface. All samples cut on these veins so far have run better than one percent WO<sub>3</sub> tungsten.

25. Mine, Mill Equipment & Flow-Sheet

We have at the present on this property -  
1 portable compressor; 1 small tractor; 1 ore car; 1000 feet of rail;  
1000 feet of 1 inch pipe; 1 Jackhammer and air hoses and connections;  
1 Ingersoll-Rand Jackleg; 1 drifting bar; 1 liner; 1-7 inch by 10 inch jaw crusher.

26. Road Conditions, Route

Road from Wikieup to the mine is 14 miles, in fair condition, passable the year around but would advise using a pick-up instead of car in traveling over it. Information in regard to route can be obtained at Boyette's store at Wikieup.

(Please note map attached.)

27. Water Supply

Plenty of water, large spring flowing continually the year around located 400 feet above mill site, gravity flow to the mill can be used.

28. Brief History This property was first discovered by the Hubbard family in 1937, and has been worked by them in a prospective manner until I acquired the property in February, 1941. The Hubbard family lived off of the income from this property for four years without the aid of any type of mining machinery. The ore taken out during this period of time was milled by them in crude hand jigs.

29. Special Problems, Reports Filed

Apart from the lack of capital to develop enough ore, we are also handicapped by the fact that we have no mill to recover the values.

30. Remarks

I have spent about \$8,000.00 on this property to date, and it is my estimation that it will take between \$15,000.00 and \$20,000.00 more to develop enough ore and build a mill to recover the values, in order to obtain a continuous operation.

31. If property for sale: Price, terms and address to negotiate.

I will consider selling the ten claims for \$25,000.00, \$5,000.00 of which to be paid in cash at the signing of the lease or contract, and the balance paid off at 10% of the gross milling receipts, or \$175.00 per month until the balance of \$20,000.00 is paid off.

32. Signature

*Jack R. Lindley*

33. Use additional sheets if necessary.



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

Department of Mineral Resources

Date

1. Mine *Hubbard Tungsten*
2. Location *13 miles N. E. of Wickieup*
3. Mining District & County *Greenwood-Mojave Co.*
4. Former name
5. Owner *W.P. Hubbard & Son*
6. Address (Owner) *Kingman Ariz. Sandy Rt.*
7. Operator " " " "
8. Address (Operator) " " " "
9. President, Owning Co.
- 9A. President, Operating Co.
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Men Employed
14. Principal Minerals *Tungsten*
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present *This Property is Thoroughly prospected with small workings from 8- to 20 ft. in depth there is no big diggings at present Tho. we plan 3 long tunnels in the*
19. Operations: Planned *near future and are starting work on one tunnel now.*
20. Number Claims, Title, etc. *There is ten claims all unpatented and directly join the Williams Group.*
21. Description: Topography & Geography *This is a very rugged location and claims are cut into by a canyon and will leave plenty of ground over head for stoping*
22. Mine Workings: Amt. & Condition

This ore comes in series ledges from 2 in.

23. Geology & Mineralization in width down to small stringers some of which are ~~about~~ about 3 in. in width some are blanket + some are upright.

24. Ore: Positive & Probable, Ore Dumps, Tailings

1. Upright ledge 10 in. is prospected over

24A. Dimensions and Value of Ore body

1000 ft.  
1 blanket ledge 14 in.

some of this ore runs up to 300 per ton. as tungsten runs packets it would be impossible to state value of whole ledge

25. Mine, Mill Equipment & Flow-Sheet

Crusher and jiggs.

26. Road Conditions, Route

~~to~~ average mountain road

27. Water Supply

Plenty of water with good mill site  
Cement foundations and ore bins

28. Brief History

29. Special Problems, Reports Filed

30. Remarks

31. If property for sale: Price, terms and address to negotiate.

will sell for \$15,000.00

~~will~~ will consider good working deal

32. Signature

W. J. Hubbard

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

Date April 10, 1943.

- 277-17
1. Mine Freeman groupe #1,2,3,4,5,  
Joy Bug # 1,2,3,4
  2. Location Approximately 60 miles  
Southeast of Kingman, Ariz.  
14½ miles East of Wikieup, Ariz.
  3. Mining District & County Boaner Mining Dist  
Mohave Co. Arizona.
  4. Former name  
Freeman groupe & Joy Bug
  5. Owner J.F. Muyres Chas S. Purtymun  
W.R. Mc Cumber W.W. Cowsert
  6. Address (Owner)  
J.F. Muyres 2200 W. Van Buren St.
  7. Operator  
Owners
  8. Address (Operator) Phoenix, Ariz.  
Same as above
  9. President, Owning Co.  
None
  - 9A. President, Operating Co.  
None
  10. Gen. Mgr. None
  11. Mine Supt. None
  12. Mill Supt. None
  13. Men Employed 4 Owners
  14. Principal Minerals Tungsten & Scheelite
  15. Production Rate 3-10 Tons per 8hr day
  16. Mill: Type & Cap. Concentration Jaw  
crusher & roller mill Jig floatation
  17. Power: Amt. & Type table 1½ tons per h  
Gasoline 3 moters 1-18 HP 1-30HP  
1-4HP one air compressor
  18. Operations: Present  
Drifting & Tunneling  
& Construction
  19. Operations: Planned  
Tunneling & stoping
  20. Number Claims, Title, etc.  
8 Claims not patented
  21. Description: Topography & Geography  
Rugged, Steep, 1000 ft. elevation Hillside location - *From Low point To Highest*  
Alt. 5000 Above Sea level
  22. Mine Workings: Amt. & Condition *on ore* 3 Tunnels ranging from 10 to 25 ft Also a number  
of open cuts; One cross <sup>cut</sup> 130 feet, which contacts 1 vein and will cross 4  
more veins about 75ft apart. Also some head frames

(over)

23. Geology & Mineralization **Gre te- Igneous**

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

24. Ore: Positive & Probable, Ore Dumps, Tailings 30 tons daily, ranging from \$ 30.00 to \$ 150.00 per ton

24A. Dimensions and Value of Ore body From 4 to 30 inches in width extending approximately 2000 ft in length with others paralleling 1 % to 50 % of Tungsten & Scheelite

25. Mine, Mill Equipment & Flow-Sheet Jaw crusher, roller mill, jig, flotation table, compressor, drill steels, drills, pipes & fittings, water storage tank, tram car, rails, mining timber, all in good condition.

26. Road Conditions, Route Fair road average grade can be negotiated by low clearance cars, Nearest R.R. Kingman, Ariz. By Auto to Wikieup Post office for information how to reach mine.

27. Water Supply Abundance of good water, Gravity feed into storage tank 2 springs on property which have never gone dry during dry seasons

28. Brief History Former owners, W.P. Hubbard & A.M. Short the ore formerly shipped to Tucson, Ariz. Fernstrom & Smith Dont know amounts.

29. Special Problems, Reports Filed Partnership difficulties

30. Remarks All that is necessary now in my opinion is additional road building to facilitate getting the ore to the mill.

31. If property for sale: Price, terms and address to negotiate. For sale \$ 20,000.00 one third cash : balance to be paid out in royalties with a guarantee of not less than \$ 200.00 per Month

32. Signature *J. F. Myers 2200 W. Van Buren St. - Phone 45952  
Phoenix Ariz.*

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date 5/21/42

1. Mine Hubbard Jungstein

2. Mining District & County Greenwood - Mohave County.

3. Former name

5. Owner

7. Operator

9. President

11. Mine Supt.

13. Principal Metals Jungstein -

15. Production Rate

17. Power: Amt. & Type

18. Operations: Present - none at this time -

19. Operations Planned - pending financial help.

20. Number Claims, Title, etc. 10 claims adjoining -

21. Description: Topography & Geography

22. Mine Workings: Amt. & Condition Current - 178 ft. to vein #1. - drifting to #1 W & 30 ft. E. about 80 feet of backs on vein. On #5 vein - 30 ft. adit on vein - Blanket ledge - numerous surface cuts all on 4 1/2% ore. Also on #1 vein - 30 ft. of adit on ore. Numerous other prospects, 11 veins in all.

4. Location 13 mi. etc -

6. Address (Owner)

8. Address (Operator)

10. Gen. Mgr.

12. Mill Supt.

14. Men Employed

16. Mill: Type & Cap.

Add these notes to original report by Hubbard 5/21/42

(over)

23. Geology & Mineralization

*I have been in geology. Quarry & Grange - wolframite lenses.*

24. Ore: Positive & Probable, Ore Dumps, Tailings —

24-A Vein Width, Length, Value, etc.

25. Mine, Mill Equipment & Flow Sheet

26. Road Conditions, Route

*17 miles from Wikieup to mine. Fair road direct to mine. Get specific writing from Post-master - Coledoyette*

27. Water Supply

28. Brief History

*Sold to Larry Burton & Jack Fridley - on lease & option - and have asked Hubbard to go ahead & try to get in operation.*

29. Special Problems, Reports Filed

30. Remarks

*Have good showing in almost all faces.*

31. If property for sale: Price, terms and address to negotiate.

*~~Charles~~*

32. Signed.....

33. Use additional sheets if necessary.

**DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT**

Date April 10, 1943

Mine Freeman Groups #1, 2, 3, 4, 5  
Joy Bug #1, 2, 3

District Boaner Mining District, Mohave County Location Approximately 60 miles Southeast of Kingman, Ariz. 14½ miles East of Wikieup, Ariz.

Former name Freeman Groups & Joy Bug

Owner J. F. Muyres, Chas. S. Purtymun, *2227 W. Bernidge St. PHX.*  
W. R. McCumber, W. W. Cowsert Address J. F. Muyres, 2200 W. Van Buren St. Phoenix, Arizona

Operator Owners Address Same as above

President None Gen. Mgr. None

Mine Supt. None Mill Supt. None

Principal Metals Tungsten (Scheelite) Men Employed None

Production Rate 3-10 Tons per 8 hr. day. Mill: Type & Cap. Concentration Jaw crusher and roller mill Jig flotation table 1½ tons per hour.

Power: Amt. & Type Gasoline 3 motors 1-18 HP 1-30 HP 1-4 HP one air compressor

Operations: Present Drifting and tunneling and construction.

Operations Planned Tunneling and stoping.

Number Claims, Title, etc. 8 claims not patented.

Description: Topog. & Geog. Rugged, steep, 100 ft. elevation Hillside location. From low point to highest altitude 5000 above sea level.

Mine Workings: Amt. & Condition 3 tunnels ranging from 10 to 25 ft. on ore. Also a number of open cuts; one cross cut 130 feet, which contacts 1 vein and will cross 4 more veins about 75 ft. apart. Also some head frames.

Geology & Mineralization Granite - igneous.

Ore: Positive & Probable, Ore Dumps, Tailings 30 tons daily, ranging from \$30.00 to \$150.00 per ton.

Dimensions and Value of Ore body: From 4 to 30 inches in width extending approximately 2000 ft. in length with others paralleling 1% to 50% of tungsten and scheelite.

Mine, Mill Equipment & Flow Sheet Jaw crusher, roller mill, jig, flotation table, compressor, drill steel, drills, pipes, and fittings, water storage tank, tram car, rails, mining timber, all in good condition.

Road Conditions, Route Fair road average grade can be negotiated by low clearance cars. Nearest R. R. Kingman, Ariz. Bu auto to Wikieup post office for information how to reach mine.

Water Supply Abundance of good water, gravity feed into storage tank 2 springs on property which have never gone dry during dry seasons.

Brief History Former owners, W. P. Hubbard & A. M. Short the ore formerly shipped to Tucson, Ariz. Fernstrom and Smith don't know amounts.

Special Problems, Reports Filed Partnership difficulties.

Remarks All that is necessary now in my opinion is additional road building to facilitate getting the ore to the mill.

If property for sale: Price, terms and address to negotiate. For sale \$20,000.00 one third cash balance to be paid out in royalties with a guarantee or not less than \$200.00 per month.

Signed..... J. F. Muvres, 220 W. Van Buren St.  
Phoenix, Arizona. Phone 4-5952

Use additional sheets if necessary.



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

MF-17

Date April 10, 1943

Mine Freeman Groups #1, 2, 3, 4, 5  
Joy Bug #1, 2, 3  
District Boaner Mining District, Mohave County Location Approximately 60 miles Southeast of Kingman, Ariz. 14½ miles East of Wikieup, Ariz.  
Former name Freeman Groups & Joy Bug  
Owner J. F. Muyres, Chas. S. Purtymun, W. R. McCumber, W. W. Cowsert *2227 W. Berridge St. PHX.* Address J. F. Muyres, 2200 W. Van Buren St. Phoenix, Arizona  
Operator Owners Address Same as above  
President None Gen. Mgr. None  
Mine Supt. None Mill Supt. None  
Principal Metals Tungsten (Scheelite) Men Employed None  
Production Rate 3-10 Tons per 8 hr. day. Mill: Type & Cap. Concentration Jaw crusher and roller mill Jig flotation table 1½ tons  
Power: Amt. & Type Gasoline 3 motors 1-18 HP 1-30 per hour. HP 1-4 HP one air compressor  
Operations: Present Drifting and tunneling and construction.

Operations Planned Tunneling and stoping.

Number Claims, Title, etc. 8 claims not patented.

Description: Topog. & Geog. Rugged, steep, 100 ft. elevation Hillside location. From low point to highest altitude 5000 above sea level.

Mine Workings: Amt. & Condition 3 tunnels ranging from 10 to 25 ft. on ore. Also a number of open cuts; one cross cut 130 feet, which contacts 1 vein and will cross 4 more veins about 75 ft. apart. Also some head frames.

(over)

Geology & Mineralization Granite - igneous.

Ore: Positive & Probable, Ore Dumps, Tailings 30 tons daily, ranging from \$30.00 to \$150.00 per ton.

Dimensions and Value of Orebody: From 4 to 30 inches in width extending approximately 2000 ft. in length with others paralleling 1% to 50% of tungsten and scheelite.

Mine, Mill Equipment & Flow Sheet Jaw crusher, roller mill, jig, flotation table, compressor, drill steel, drills, pipes, and fittings, water storage tank, tram car, rails, mining timber, all in good condition.

Road Conditions, Route Fair road average grade can be negotiated by low clearance cars. Nearest R. R. Kingman, Ariz. Bu auto to Wikieup post office for information how to reach mine.

Water Supply Abundance of good water, gravity feed into storage tank 2 springs on property which have never gone dry during dry seasons.

Brief History Former owners, W. P. Hubbard & A. M. Short the ore formerly shipped to Tucson, Ariz. Fernstrom and Smith don't know amounts.

Special Problems, Reports Filed Partnership difficulties.

Remarks All that is necessary now in my opinion is additional road building to facilitate getting the ore to the mill.

If property for sale: Price, terms and address to negotiate. For sale \$20,000.00 one third cash balance to be paid out in royalties with a guarantee or not less than \$200.00 per month.

Signed J. F. Muyres, 220 W. Van Buren St.  
Phoenix, Arizona. Phone 4-5952

Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date 5/21/42

1. Mine *Hubbard Jungstein*

2. Mining District & County *Greenwood - Mohave County.*

3. Former name

5. Owner

7. Operator

9. President

11. Mine Supt.

13. Principal Metals *Jungstein -*

15. Production Rate

17. Power: Amt. & Type

18. Operations: Present *- none at this time -*

19. Operations Planned *- pending financial help.*

✓ 20. Number Claims, Title, etc. *10 claims adjoining -*

✓ 21. Description: Topography & Geography

22. Mine Workings: Amt. & Condition *Crosscut - 178 ft. to vein #1. - drifting to ft W & 30 ft. E. about 80 feet of backs on vein. On #5 vein - 30 ft. adit on vein - Blanket ledge - numerous surface cuts all on 4 1/2% ore. Also on #1 vein - 30 ft. of adit on ore. Numerous other prospects, 11 veins in all;*

4. Location *13 mi. etc -*

6. Address (Owner)

8. Address (Operator)

10. Gen. Mgr.

12. Mill Supt.

14. Men Employed

16. Mill: Type & Cap.

*Add these notes to original report by Hubbard 5/21/42*

23. Geology & Mineralization

*Gruge - wolframite lenses*

24. Ore: Positive & Probable, Ore Dumps, Tailings —

24.A Vein Width, Length, Value, etc.

25. Mine, Mill Equipment & Flow Sheet

26. Road Conditions, Route

*17 miles from Wikieup to mine. Fair road direct to mine. Get specific routing from Pat-master - Colebytte*

27. Water Supply

28. Brief History

*Sold to Larry Burton & Jack Fuidley - on lease to them - and have asked Hubbard to go ahead & try to get in operation.*

29. Special Problems, Reports Filed

30. Remarks

*Have good ore showing in almost all faces.*

31. If property for sale: Price, terms and address to negotiate.

~~*Ch...*~~

32. Signed

33. Use additional sheets if necessary.

MH-29

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date

- 1. Mine **Hubbard Tungsten**
- 2. Mining District & County **Greenwood, Mohave Co.**
- 3. Former name
- 4. Location **13 miles N. E. of Wickieup.**  
Directions in detail can be had at Paynes Stone, Wickieup.
- 5. Owner **W. P. Hubbard and Son**
- 6. Address (Owner) **Kingman, Arizona**
- 7. Operator **W. P. Hubbard and Son**
- 8. Address (Operator) **Sandy Route**
- 9. President
- 10. Gen. Mgr.
- 11. Mine Supt.
- 12. Mill Supt.
- 13. Principal Metals **Tungsten**
- 14. Men Employed
- 15. Production Rate
- 16. Mill: Type & Cap.
- 17. Power: Amt. & Type
- 18. Operations: Present **This property is thoroughly prospected with small workings from 8 to 20 feet in depth there is no big diggings at present. Tho we plan 3 long tunnels in the near future and are starting work on one tunnel now.**
- 19. Operations Planned
- 20. Number Claims, Title, etc. **There are ten claims all unpatented and directly join the Williams group.**
- 21. Description: Topography & Geography **This is a very rugged location and claims are cut into by a canyon and will leave plenty of ground over head for stoping.**
- 22. Mine Workings: Amt. & Condition

23. Geology & Mineralization The ore comes in several ledges from 1 to 3 inches in width down to small stringers some of which are about 3 inches in width some are blanket and some are upright.

24. Ore: Positive & Probable, Ore Dumps, Tailings

24-A Vein Width, Length, Value, etc. One upright ledge 10 in. is prospected over 1000 ft. One blanket ledge 14 in. is prospected over 200 ft. Some of this ore runs up to \$300 per ton. As tungsten runs in pockets it would be impossible to state value of whole ledge.

25. Mine, Mill Equipment & Flow Sheet Crusher and jiggs.

26. Road Conditions, Route Average mountain road

27. Water Supply Plenty of water with good mill site cement foundations and ore bins

28. Brief History

29. Special Problems, Reports Filed

30. Remarks

31. If property for sale: Price, terms and address to negotiate. Will sell for \$15,000 or will consider good working deal

32. Signed W. P. Hubbard

33. Use additional sheets if necessary.