



CONTACT INFORMATION

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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 09/05/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: TRI-METALS

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 1009

LOCATION: TOWNSHIP 12 N RANGE 2 E SECTION 3 QUARTER NW
LATITUDE: N 34DEG 27MIN 23SEC LONGITUDE: W 112DEG 08MIN 36SEC
TOPO MAP NAME: MAYER - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER SULFIDE
COPPER OXIDE
SILVER
LEAD

BIBLIOGRAPHY:

USGS MAYER QUAD
ADMMR "U" FILE CU 13
ADMMR TRI-METALS FILE

RECNO M002605
 REC_TYPE S
 REP_DATE 72 04
 REP GERE, W.
 REP_AFF USGS
 DIST AGUA FRIA DISTRICT
 COUNTY YAVAPAI
 STATE_CODE AZ
 CTRY_CODE US
 PHYS 11
 DRAIN 15070102
 LAND_ST 49
 QUAD1 MAYER (1974)
 Q1_SCALE 24000
 ELEV 4250 FT
 UTM_N 3813150
 UTM_E 393950
 UTM_Z +12
 TOWNSHIP 012N
 RANGE 002E
 SECTION 03
 MERIDIAN G & SR
 POSITION 7 MILES NE OF MAYER
 SITE TRI-METALS PROSPECT
 LAT 34.4561
 LONG -112.1544
 CTRY_NAME UNITED STATES
 COMMOD CU AG AU
 ORE_MAT GOLD, SILVER, COPPER
 MAJOR CU AG AU
 PROD S
 LOC_STRUCT MASSIVE SULFIDE LENSES PARALLEL STRATIGRAPHIC UNITS
 STATUS 8
 DEP_TYPE VEIN
 DEP_SIZE S
 QUAD250 PRESCOTT
 MIN_AGE PROT SAME AS K1
 NOR_MINS QUARTZ, PYRITE, CALCITE, CHLORITE, SERICITE, ACTINOLITE
 ORE_CNTRL STRATIGRAPHY, IGNEOUS ACTIVITY
 REG_STRUCT FOLIATION AND TRANSPOSED BEDDING IN METAVOLCANIC ROCKS
 TRENDS E-W
 ALTER CHLORITIZATION, SERICITIZATION
 CONC OXIDATION AT NEAR SURFACE
 HRU_AGE PROT SAME AS K1
 HRU_NAME UNNAMED METAVOLCANIC UNITS AND LOWER UNIT OF SPUD MOUNTAIN
 VOLCANICS
 ARU_AGE PROT SAME AS K1
 ARU_NAME UNNAMED RHYOLITE; PROBABLY PART OF SPUD MOUNTAIN VOLCANICS
 CONT_CODE NA
 GEOL_COM DEPOSIT IS MASSIVE SULFIDE LENS IN PROTEROZOIC METAVOLCANIC
 ROCKS. MASSIVE SULFIDE LENS LOCALIZED IN OR NEAR RHYOLITE
 AND RHYOLITE AND RHYOLITE-ANDESITE CONTACTS
 GEN_COM INFO.SRC : 2 UNPUB REPT
 REF U.S.B.M. CARD FILE
 CONT_NAME NORTH AMERICA
 STATE_NAME ARIZONA
 CP_ITEM ORE
 CP_ACC EST
 CP_AMT 0.04400
 CP_U TONS

CP_GRADE HIGH
UPD_DATE 79 02 ; 82 02
UPDATER JOHNSON, K. H.; CREASEY, S. C.; DEWITT, ED
COMMOD_TYP M
DATE_ISSUE 95/5/18
PROF_ID 100
PROF_LOC 100
PF_COMMOD 100
PROF_EXPL 50
PFDESC_DEP 25
PROF_GEOL 92
PROF_REF 100
PPROD_RESV 13
PROF_ALL 64
HR_AGE_MV PROT U/PB ZIRCON GREATER THAN OR EQUAL TO 1740 MILLION
YEARS
HR_TYPE_MV METARHYOLITE, METATUFF, META-ANDESITE, CHERT
AR_AGE_MV PROT SAME AS K1
AR_TYPE_MV RHYOLITE, TUFF, ANDESITE
DEP_CODE 11000
HUC 15070102

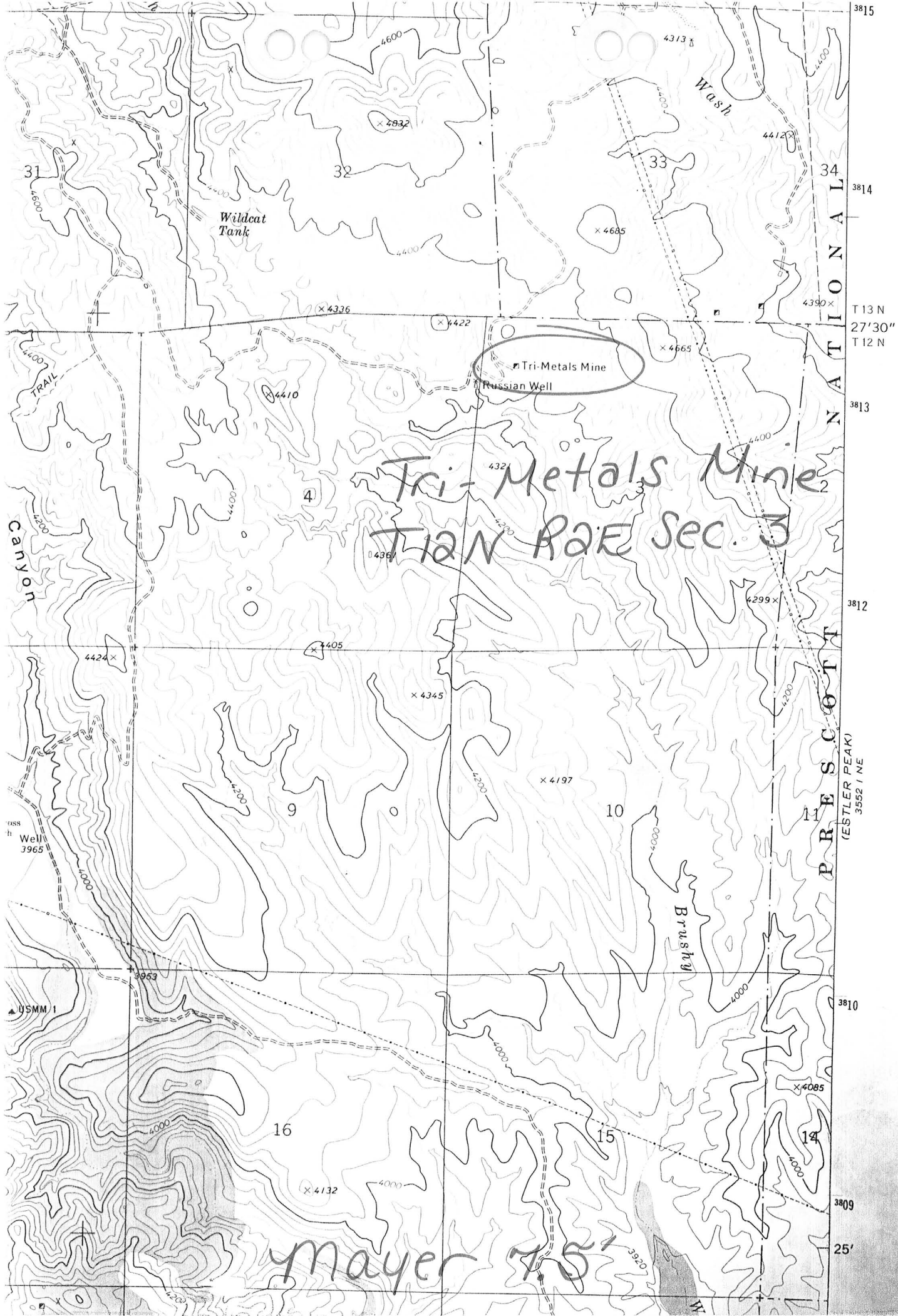
TRI-METALS MINE

YAVAPAI COUNTY
AGUA FRIA DISTRICT
T12N R2E Sec. 03

MILS Yavapai Index #1009

"U" File - Copper-13

Mayer 7.5' Topo (included in file)



Tri-Metals Mine
T12N R2E Sec. 3

mayer 7.5'

3815
3814
T13 N
27'30"
T12 N
3813
3812
3810
3809
25'

NATIONAL
PRESCOTT
(ESTLER PEAK)
3552' NE

MINERAL RESOURCES

F Arizona
ng, Fairgrounds
ARIZONA

Returned
TO
Writer

REASON CHECKED

Unclaimed
Unknown
Insufficient address
Moved, Left no address
No such office in state
Do not re-mail in this envelope

Refused

PHOENIX
AUG 8
6 30 PM
1958
ARIZ.

~~Mr. F. W. Hatch
Dewey
Arizona~~

REC
AU
DEPT. M
PHO

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

August 8, 1958

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

Tri-Metals Group (Yavapai County)	copper, molybdenum, iron
<u>(Property)</u>	<u>(ore)</u>

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

RESOURCES

ounds



REASON CHECKED

- Unclaimed.....
- Unknown.....
- Insufficient address.....
- Moved, Left no address.....
- No such office in state.....
- Do not remail in this envelope

RECEIVED
 AUG 13 1958
 DEPT. MINERAL RESOURCES
 PHOENIX, ARIZONA

PHOENIX
 AUG 13
 6:30 PM
 1958
 ARIZ.

Mr. George B. McGarvey

Dewey

Arizona

May 27, 1957

TRI METAL

YAVAPAI COUNTY

No information on this property.

MARK GEMMILL

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine TRI-METALS

Date August 21, 1942

District Agua Fria

Engineer A. C. Nebeker

Subject:

Owner: F. W. Hatch & Geo. B. McGarvey, Dewey, Arizona.

Principal Metals: Copper, gold, silver

Power - Amt. & Type: Gasoline engines on both hoist and compressor.

Operations - Present: Efforts are being made to get money for more development.

Operations Planned: If the owners are successful in getting enough money, they plan to sink the present shaft another 100 feet and then do some drifting and crosscutting to prove the ores they had on the 250 ft. level.

Number Claims, Title, etc. There are seven claims in the group, known as the Tri-Metals No. 1 to 7. The title has been held good by assessment work and living on the property. The claims are not patented.

Description - Topog. & Geog.: These claims are 15 miles southeast of Dewey, Arizona, or 32 miles out from Prescott. One reaches the property by going east of Dewey to the Yava wash, and follow the sign of the Tri-Metals for about 10 miles south. This brings one about 3 miles east of the Stoddard Mine. The country is hilly and rugged in places, while other parts the surface is rolling. The most noticeable thing is the tombstone appearance of the schists outcrops.

Mine Workings - Amt. & Condition: The work consists of several location pits, two short adits and an incline shaft of 52 degrees for the depth of 250 feet. On the 180 ft. level in the shaft there is reported 180 feet of drifting. Some ore was taken from this level. At the bottom of the shaft there is 600 feet of drifting and cross cut work. A 65 ft. stope reported on this level. The shaft collar needs repairs and water stands about 80 ft. from surface.

Geology & Mineralization: The biggest part of the formation is the Yavapai schist; this schist seems to have more iron however than the usual schist and in eroding it leaves outcrop standing up like tombstones. The strike of the formation here is almost east-west and dip north, which indicates there has been quite a shifting in the formation. The schist is cut by a yellowish white porphyry dike. Basalt and granite is also common part of the formation.

Ore - Positive & Probable, Ore Dumps, Tailings: There is no ore to be seen in the surface workings. There is a little copper ore on the shaft dump. What ore has been shipped has come out of the shaft from the 180 ft. level down. The shaft is not accessible, so the stopes could not be checked up.

Mine, Mill Equipment & Flow Sheet: The mine is equipped with four buildings used for bunking, a hoist house, blacksmith shop and a timber framing shed. There is one old type Fairbank Morse 25 H.P. gasoline hoist, a small air compressor driven by an auto engine, a power timber saw, a car, and in the blacksmith shop is a power saw (emery wheel) anvil, forge, three air drills (old type) and lots of pipe fittings. Some of this plant can be used, the rest is good salvage.

Road Conditions, Route: An Auto can be driven right to the mine and the roads as a whole are good. There are several ranches out this way so the County will repair the road when necessary. The distance to Dewey, the closes railroad, is 16 miles, and if ore is produced there would be no difficulty in hauling good sized loads on a truck and haul direct to the smelter at Clarkdale.

Water Supply: For camp use there is a good well in the gulch near the houses, and for mining use, the mine will produce what water is needed for small operations.

Brief History: It appears that the present owners have had this property for over 40 years and have leased it a time or so, and have also sold it on the lease and bond plan. Some ore has been shipped by two different outfits, so I am told by the owners. 70 tons shipped by the owners which returned \$4000.00 in copper, gold and silver values. 18 tons shipped by Col. Bowler to Humboldt smelter which assayed $3\frac{1}{2}\%$ copper. The property has been idle for several years now. The owners too old to work it.

Special Problems, Reports Filed: The problem is to find out more about the mineralization, where the ore channel is. Does the ore make from the north-south breaks, or is it going to be a contact vein along the schist? The schist is broken up in block formation and the seams between the blocks are filled with heavy iron ore, and these seams may be in places 6 inches thick. A few places a little copper shows, so there could be developed with depth a good size lense of ore.

Remarks: The prospecting of this ground would require \$25,000. The nearest mine which has produced is the Binghamton which has produced over 8,000,000 lbs. copper. This mine is about three miles west.

If Property For Sale: The owners will sell, and say they will give long time lease, if parties will get to work and develop.

/s/ A. C. Nebeker

29
MT-1

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Date Dec. 12, 1939

Mine Tri-Metals Group

Engineer

District Agua Fria

Location T12N; R2WE
Sec 8

Former name

Owner s F.W. Hatch - G.B. Mc. Garvey

Address Dewey, Ariz

Operator Idle

Address

President

Gen. Mgr. ✓

Mine Supt.

Mill Supt. ✓

Principal Metals Cu - Ag (Copper)

Men Employed ✓

Production Rate

Mill: Type & Cap. ✓

Power: Amt. & Type Gasoline Engine

Operations: Present Idle

Operations Planned

Sinking

Number Claims, Title, etc.

7 - Possessory Right

Description: Topog. & Geog.

Low, rolling hills, elev. 4000 ft.

Mine Workings: Amt. & Condition

250 ft. shaft 1000 ft. lateral work
Water at 100' level. Small stopes
not accessible.

(over)

Geology & Mineralization

Siliceous Outcrops in Diorite (a phase of ^{54%} Present work on vein striking N 53 W Dip 53 NE
Very little surface indication but a gossan like appearance of the outcrops. over a wide area
Ore: Positive & Probable, Ore Dumps, Tailings

None

\$ 4000⁰⁰ production - Shipping ore

Mine, Mill Equipment & Flow Sheet

15HP Fairbanks Morse Hoist
6x6 Compressor - 4 Buildings for Comp
2 Mine Buildings in excellent condition.

Road Conditions, Route

Excellent - Prescott to Dewey thence
over Cherry Road to 1/4 Circle V Bar Road (22.3 mi)
South (5 1/2 mi) to sign to Property in Brushy Wash
(3.3 mi) 31.1 miles

Water Supply

Well & Mine

Brief History

1909-1915 - Yavapai Metal Mining & Red. Co
1919 - Franco - American Copper Co
1926 - Verde Standard Mng Co.
Each time reverting to owners.

Special Problems, Reports Filed

Photographs

Remarks

Held for over 30 years by the present owners

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

Owners ask for an interest
& will take their profit from
the operation.

Signed.....

Carl G. Burdick

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

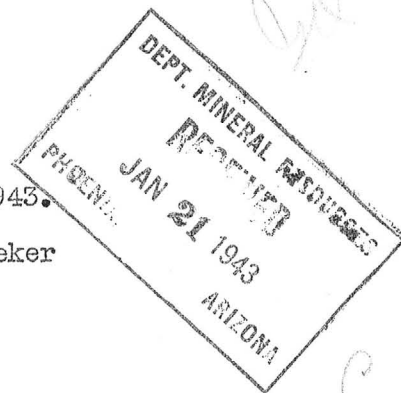
Mine Tri Metal

Date Jan 12th, 1943.

District Aqua Fria

Engineer A. C. Nebeker

Subject: Supplement to report of Aug 21st 1942.



Since the report of Aug 21st, 1942. Mr Hatch has done a small amount of surface prospecting and has taken several samples and assays made. Four of these samples were taken along the outcrop of the same formation. Assays were made by Mr J.C.Herr of Wickenburg and ran as follows. No 5 4.5% copper, No, 6, 1.5%, No, 7, 1.0% No, 8, trace of copper and 36% iron.

From a second croppings No, 9 2.2% copper, No 10 trace.

The timber in the collar of the shaft was also straightened out so it was possible for me to descend about 30 feet, at which point I saw a very nice iron vein dipping on the same pitch as the shaft. This vein could be the cappings of a copper vein, in fact it does show small signs of copper.

Mr Hatch had taken a shovel and thrown off the top of some of the dump in two places showing the ore which came from two level in the shaft. The trenches are about 6 feet long and samples were taken for a depth of $1\frac{1}{2}$ feet. One trench gave same assaying .150Ozs gold, 2.7% copper. The other assayed 4.6% copper. This is ore they report was too low to ship at the time the work was done, from which the shipping ore was picked out. Samples came from the 80ft and 125 ft, levels.

There is reported some small shipments of highgrade ore been made, but no blocked out ore is claimed.

In this formation of granite, andesites, and ~~min~~ schists it is possible that an ore body will be opened up.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Reservoir *SL*

Date AUGUST 21st 1942

Mine Tri- Metals

Engineer A. C. Nebeker

District Agua Fria

Location Prescott

Former name none

Owner F. W. Hatch & Geo. B. McGarvey

Address Dewey, Arizona

Operator same

Address

President Partnership

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Copper, gold, silver.

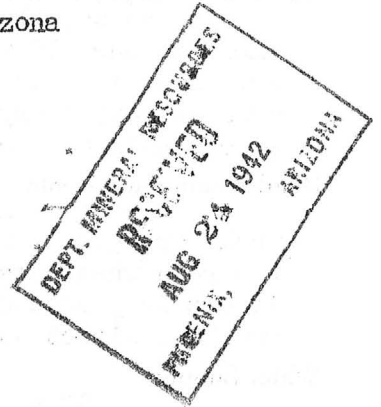
Men Employed

Production Rate idle

Mill: Type & Cap.

Power: Amt. & Type Gasoline Engines on both hoist and compressor

Operations: Present Efforts are being made to get money for more development.



getting

Operations Planned If the owners are successful in ~~get~~ enough money, they plan to sink the present shaft another 100m feet and then do some drifting and crosscutting to prove the ores they had on the 250. ft level.

Number Claims, Title, etc. There are seven claims in the group, known as the Tri-metals No I to No 7. The title has been held good by assessment work and living on the property. The claims are not patented.

Description: Topog. & Geog. These claims are 15 miles south-east of Dewey Ariz, or 32 miles out from Prescott. One reaches the property by going east of Dewey to the Yava wash, and follow the sign of the Tri-Metals for about 10 miles south, this brings one about 3 miles east of the Stoddard Mine.

The country is hilly and rugged in places, while other parts the surface is rolling. The most noticeable thing is the tombstone appearance of the schists outcrops.

Mine Workings: Amt. & Condition The work consists of several location pits, two short adits and an incline shaft of 52 degrees for the depth of 250 feet. On the 180 ft. level in the shaft there is reported 180 feet of drifting. Some ore was taken from this level. At the bottom of the shaft there is 600 feet of drifting and cross cut work. A 65 ft stope reported on this level.

The shaft collar needs repairs and water stands about 80 feet from surface.

Geology & Mineralization

The biggest part of the formation is the Yavapai schist, this schist seems to have more iron however than the usual schist and in eroding it leaves outcrop standing up like tombstones. The strike of the formation here is almost east-west and dip north, which indicates there has been quite a shifting in the formation. The schist is cut by a yellowish white porphyry dike. Basalt and granite is also common part of the formation.

Ore: Positive & Probable, Ore Dumps, Tailings

There is no ore to be seen in the surface workings. There is a little copper ore on the shaft dump. What ore has been shipped has come out of the shaft from the 180 ft level down. The shaft is not accessible, so the stopes could not be checked up.

Mine, Mill Equipment & Flow Sheet

The mine is equipped with four buildings used for bunking a hoist house, blacksmith shop and a timber framing shed.

There is one old type Fairbank Morse 25 H.P. Gasoline Hoist, a small air compressor driven by an Auto engine, a power timber saw, a car, and in the blacksmith shop is a power saw (emery wheel) anvil, forge, three air drills (old type) and lots of pipe fittings. Some of this plant can be used, the rest is good salvage.

Road Conditions, Route

An Auto can be driven right to the mine, and the roads as a whole are good. There are several ranches out this way so the County will repair the road when necessary. The Distance to Dewey the closest Railroad is 16 miles, and if ore is produced there would be no difficulty in hauling good sized loads on a truck and haul direct to the Smelter at Clarkdale.

Water Supply

For camp use there is a good well in the gulch near the houses, and for mining use, the mine will produce what water is needed for small operations.

Brief History

It appears the the present owners have had this property for over 40 years and have leased it a time or so, and have also sold it on the lease and bond plan. Some ore has been shipped by two different outfits, so I am told by the owners. 70 tons shipped by the owners which returned \$4000.00 in copper, gold and silver values. 18 tons shipped by Col. Bowler to Humboldt Smelter which assayed $3\frac{1}{2}\%$ copper. The property has been idle for several years now. The owners too old to work it.

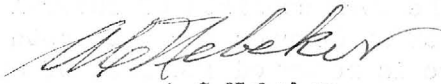
Special Problems, Reports Filed

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The prospecting of this ground would require \$25,000.

The nearest mine which has produced is the Binghamton which has produced over 8,000,000 lbs copper. This mine is about three miles west.

If property for sale: Price, terms and address to negotiate. The owners will sell, and say they will give long time lease, if parties will get to work and develop.



Signed.....

A.C. Nebeker

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date AUGUST 21st 1942

A. C. Nebeker

1. Mine Tri-Metals
2. Mining District & County Agua Fria
3. Former name none
4. Location Prescott
5. Owner F. W. Hatch & Geo. B. McGarvey
6. Address (Owner) Dewey, Arizona
7. Operator same
8. Address (Operator)
9. President Partnership
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Copper, gold, silver.
14. Men Employed
15. Production Rate idle
16. Mill: Type & Cap.
17. Power: Amt. & Type Gasoline Engines on both hoist and compressor
18. Operations: Present Efforts are being made to get money for more development.

19. Operations Planned getting
If the owners are successful in ~~win~~ enough money, they plan to sink the present shaft another 100m feet and then do some drifting and crosscutting to prove the ores they had on the 250 ft level.

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

part of the formation.

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24-A Vein Width, Length, Value, etc. The mine is equipped with four buildings used for bunking a hoist house, blacksmith shop and a timber framing shed.

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26. Road Conditions, Route

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27. Water Supply

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29. Special Problems, Reports Filed

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30. Remarks

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

32. Signed..... A.C. Nebeker

33. Use additional sheets if necessary.

QUESTIONNAIRE

Relating to survey of potential copper production from Arizona small and marginal mines for national defense purposes;

Name of mining property.....Tri. Metals.....7. claims.....

Location.....Twp. 12. N. R.; 2. E. Sec. 4. and 5.....

Ownership.....Geo. B. McGarvey, F. W. Hatch.....unpatented.....

Name of Manager.....

Post Office address.....Dewey, Arizona.....

Copper production (pounds) during each of the past five years:

1936..... 1937..... 1938.....

1939..... 1940.....

1941 rate of copper production based upon first four months.....

How much copper could this property produce annually

on a 14 cent price?

on a 16 cent price?

on an 18 cent price?.....

on a 20 cent price?.....

What price copper is necessary for this property? cents per pound?

What plant facilities would be required and how much is the estimated cost in the event a 14 cent price could be assured? ... We have a 6 x 6 compressor but is not satisfactory, but could be used until we can ship ore

a 16 cent price could be assured?

.....

18 cent price?

.....

20 cent price?

.....

For what length of time would assurance of price and sale of full production be necessary?

.....

How long would it take, after financing has been provided for, before production on the above basis could be reached? 4 months with 1 shift of 3 men

Does your organization have the facilities for raising the necessary capital to increase production to the amount stated? No

If not, do you believe that your company would be amenable and agreeable to government financing? Yes, if terms are reasonable

Do you believe that you could finance the capital investment yourself on some such basis as a guarantee of sale of output at a fixed price and for a definite period, with damages to cover unamortized portion of capital investment in the event the government failed to take the output for the agreed upon time - or some similar arrangement? No

Please let us have your comments on the probability or possibility of your organization participating in such a program for national defense purposes.....

..... Before we can ship ore we must take out the water, retimber the shaft and sink 125 ft. and do some drifting. If we can get a loan of \$5000 we can put it on a paying basis and have money left.

What would be your ideas on financing and carrying out such a plan as is indicated by these questions? ... I think it a good plan but be sure there is a very favorable chance of finding enough ore so that the money can be paid back.

Kindly list names and addresses of other potential copper producers in Arizona whose operations should be included within this survey. As far as I know there are no more high-grade ore of probable quantity in Yavapai County. Frank Rust has a large deposit of bornite but would have to be milled, can be caved. Then there is the De Soto (5%) at Middleton and the one at Hillside, that is all in this county that I know of

Date May 24, 1941 Signed F. W. Hatch

QUESTIONNAIRE

Relating to survey of potential copper production from Arizona small and marginal mines for national defense purposes;

Name of mining property..... *Tri Metals, 7 Claims*

Location..... *Tr. R. 28, Sec 4, T. 6*

Ownership..... *See Property Map, 1941, unpatented*

Name of Manager.....

Post Office address.....

Copper production (pounds) during each of the past five years:

1936..... 1937..... 1938.....

1939..... 1940.....

1941 rate of copper production based upon first four months.....

How much copper could this property produce annually

on a 14 cent price?

on a 16 cent price?

on an 18 cent price?.....

on a 20 cent price?

What price copper is necessary for this property?cents per pound?

What plant facilities would be required and how much is the estimated cost in the event a 14 cent price could be assured?

We have a 600 c.c. Compressor, but is not satisfactory, but could be used until we can ship one
a 16 cent price could be assured?

.....

18 cent price?

.....

20 cent price?

.....

For what length of time would assurance of price and sale of full production be necessary?

How long would it take, after financing has been provided for, before production on the above basis could be reached? *4 months with 1 shift of 3 men*

Does your organization have the facilities for raising the necessary capital to increase production to the amount stated? *No*

If not, do you believe that your company would be amenable and agreeable to government financing? *No*

Do you believe that you could finance the capital investment yourself on some such basis as a guarantee of sale of output at a fixed price and for a definite period, with damages to cover unamortized portion of capital investment in the event the government failed to take the output for the agreed upon time - or some similar arrangement? *No*

Please let us have your comments on the probability or possibility of your organization participating in such a program for national defense purposes.

we can ship all we must take out the water, estimate the shaft and shaft bits and do some digging. If we can get some money we can put it to work.

What would be your ideas on financing and carrying out such a plan as is indicated by these questions? *I think it a good plan but be sure there is a very good chance of finding enough ore so that the money can be paid for.*

Kindly list names and addresses of other potential copper producers in Arizona whose operations should be included within this survey.

Date *May 26 1941* Signed *[Signature]*

MT-918

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

DEPT. MINERAL RESOURCES
JAN 30 1941
PHOENIX ARIZONA

Date

Jan 1941

1. Mine

Tri Metals Mine

2. Mining District & County

Agua Fria

4. Location

Sec 4 & 5

3. Former name

Yavapai Metals + Twp 12 N, R 2 E

5. Owner

F. W. Hatch, L. B. McGarvey

6. Address (Owner)

Dewey Ariz

7. Operator

8. Address (Operator)

9. President

10. Gen. Mgr.

11. Mine Supt.

12. Mill Supt.

13. Principal Metals

copper, gold, silver

14. Men Employed

15. Production Rate

16. Mill: Type & Cap.

17. Power: Amt. & Type

25 H.P. Gasoline Hoist

18. Operations: Present

EXC Compressor operated with
a Buick

19. Operations Planned

Would like to re timber shaft
and sink 125 ft

20. Number Claims, Title, etc.

7 Unpatented

21. Description: Topography & Geography

Located at an elevation
of 4800 feet. Not possible for a tunnel
as most of the ground is about that elevation.
Located in Brushy wash 3 miles NE of Copper But.

22. Mine Workings: Amt. & Condition

250 ft incline shaft
and considerable drifts and crosscuts, 900
feet or more. Timber in shaft in bad con-
dition, 125 feet of water, 500000 gallons.
in mind &

23. Geology & Mineralization

Diomite or Annesite porphyry which has been altered to quartz porphyry

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

all ore developed has been removed.

The probable development of ore is good at 250 ft we are on top of ore that indicates that at more depths it will be at least 100 feet long

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

24-A Vein. Surface indications are that the ore will underlie the entire 7 claims and maybe more that we do not own. The ore that we shipped netted \$60 per ton (70 tons)

25. Mine, Mill Equipment & Flow Sheet

Hoist with 1 ton ^{slip} compressor etc. not much good. B. K. shaft 14 x 20. Lumber shed 18 x 40

26. Road Conditions, Route

15 miles S.E. of Dewey by road easily reached by auto. Road washed some on last 3 miles. No steep hills

27. Water Supply

Well. Enough water for small camp. Plenty of water can be developed within 3 miles for a good sized town

28. Brief History

Located in 1908. Some sold their interest, parties prejudiced themselves and claims were relocated in 1915. War with Germany until 1920. Sold again on \$65,000 bond. Animosity between the promoter and a lawyer in Prescott (not interested) broke up the deal.

29. Special Problems, Reports Filed

Made another company in 1924. Business collapse in 1929, nothing doing

30. Remarks

It will not take more than \$5,000 to develop. Retimber the shaft, unwater and sink 125 ft and I am sure they will have ^{enough} of 25% to 50% ore to keep on

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

\$75,000 with no down payment and liberal terms if party is reliable and his word is as good as a bond. We do not want to sell at present if there is some other way

32. Signed

J. H. Hatch

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Date Dec. 12, 1939

Mine Tri-Metals Group

Engineer E. J. ...

District Agua Fria

Location T 12 N; R 2 W; Sec 3

Former name

Owner s F. W. Hatch - G. B. McGarvey

Address Doney, Ariz.

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals ~~cu~~ (copper)

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type Gasoline engine

Operations: Present Idle

Operations Planned Sinking

Number Claims, Title, etc. 7 - possessory right

Description: Topog. & Geog. low, rolling hills, elevation 4000 ft.

Mine Workings: Amt. & Condition

250 ft. shaft - 1000 ft. lateral work
Water at 100' level. Small stopes not accessible.

Geology & Mineralization Siliceous outcrops in diorite (a phase of B. Gr.) Present work on vein striking N 53 W , dip 53 NE, very little surface indication, but a gossion like appearance of the outcrops over a wide area.

Ore: Positive & Probable, Ore Dumps, Tailings None

\$4,000 production - shipping ore

Mine, Mill Equipment & Flow Sheet 15 HP Vairbanks Morse Hoist - 6 x 6 compressor - 4 buildings for camp - 2 mine buildings in excellent condition

Road Conditions, Route Excellent - Prescott to Dewey, thence over Cherry Road to 1/4 Circle V Bar Road (22.3 mi.) south 5 mi. west to sign to property in Brushy Wash (3.3mi.) 31.1 miles

Water Supply Well and mine

Brief History 1909-1915 Yavapai Metal Mining ^{Co} Red. Co.
1919 Franco-American Copper Co.
1926 Verde Standard Mng. Co.
Each time reverting to owners.

Special Problems, Reports Filed

Photographs

Remarks Held for over 30 years by the present owners

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

Owners ask for an interest and will take their profit from the operation

Signed..... Carl G. Barth, Jr.

Use additional sheets if necessary. Separate sheets on each problem.

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

Date January, 1941

1. Mine Tri Metals Mine
2. Location Sec 4 & 5-Twp 12 N. R 2 E.
3. Mining District & County Agua Fria
4. Former name Yavapai Metals
5. Owner F. W. Hatch, G. B. McGarvey
6. Address (Owner) Dewey, Arizona
7. Operator
8. Address (Operator)
9. President, Owing Co.
- 9A. President, Operating Co.
10. Gen. Mgr.
14. Principal Minerals Copper, Gold, Silver
11. Mine Supt.
15. Production Rate
12. Mill Supt.
16. Mill: Type & Cap.
13. Men Employed
17. Power: Amt. & Type 25 HP Gasoline Hoist
18. Operations: Present 6x6 compressor operated with a Buick.
19. Operations: Planned Would like to retimber shaft and sink 125 ft.
20. Number Claims, Title, etc. 7 unpatented
21. Description: Topography & Geography Located at an elevation of 4300 ft. Not possible for a tunnel, as most of the ground is about that elevation. Located in brushy wash 3 miles NE of Copper Mt.
22. Mine Workings: Amt. & Condition 250 ft. incline shaft and considerable drifts and cross-cuts, 900 feet or more. Timber in shaft in bad condition--125 ft. of water, 500,000 gallons in mine.

Geology & Mineralization Diorite or andesite porphyry which has been altered to quartz porphyry.

Ore: Positive & Probable, Ore Dumps, Tailings All ore developed has been removed. The probable development of ore is good at 250 ft. we are on top of ore that indicates that more depth, it will be at least 100 ft. long.

A. Dimensions and Value of Ore body No vein. Surface indications are that the ore will under-lye the entire 7 claims and maybe more that we do not own. The ore that we shipped netted \$60.00 per ton (70 tons)

Mine, Mill Equipment & Flow-Sheet
Hoist with 1 ton skip compressor 6x6, not much good. Blacksmith shop 6x20, lumber shed, 18x40.

Road Conditions, Route 15 miles SE of Dewey by road. Easily reached by auto. Road washed some, on last three miles. No steep hills.

Water Supply Well--enough water for small camp. Plenty of water can be developed within 3 miles for a good size town.

Brief History Located in 1908. Some sold their interest, parties purjured themselves, and claims were re-located in 1915. War with Germany until 1920. Sold again an \$66,000 ~~in~~ bond. Animosity between the promoter and a lawyer in Prescott (not interested) broke up the deal. Made another company in 1926. Business collapse in 1929--nothing doing.

Special Problems, Reports Filed

Remarks It will take not more than \$5,000 to develop, re-timber the shaft, unwater and sink 125 ft. and I am sure they will have enough of 25 to 50% ore to keep on.

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

\$75,000 with no down payment and liberal terms if party is reliable and his word is as good as a bond. We do not want to sell at present if there is some other way.

32. Signature....(Signed).....E. W. Hatch.....

Use additional sheets if necessary.

Tri Metals
Nos. 1 to 7.

See 32

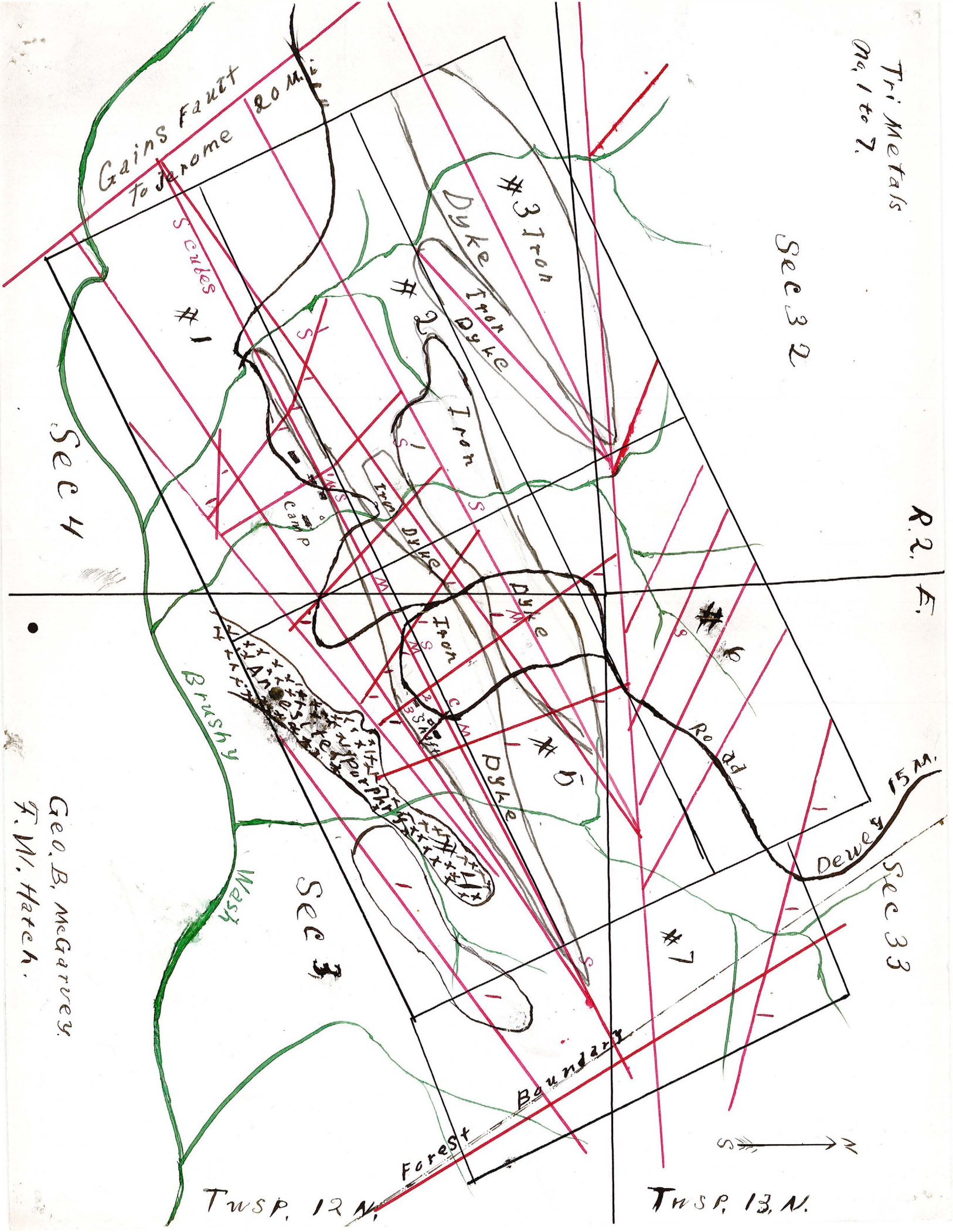
R. 2. E.

See 33

Twp. 13, N.

Twp. 12, N.

Geo. B. McGarvey,
F. W. Hatch.



See 4

See 3

Forest Boundary

Scrub

#1

#3 Iron

#2

Dyke Iron Dyke

Iron

#1

Iron

Dyke

Dyke

#5

Dyke

#6

Road

#7

Washed

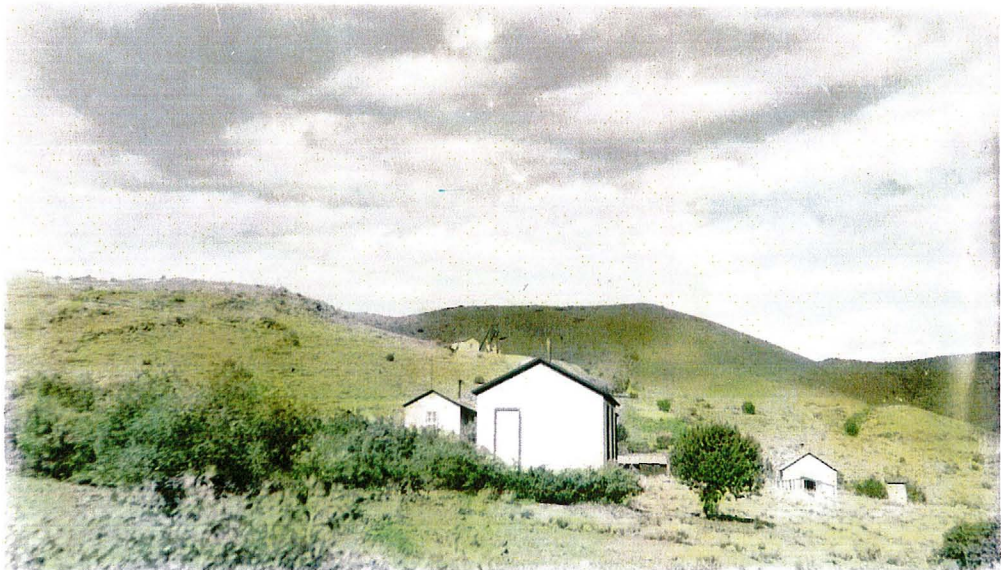
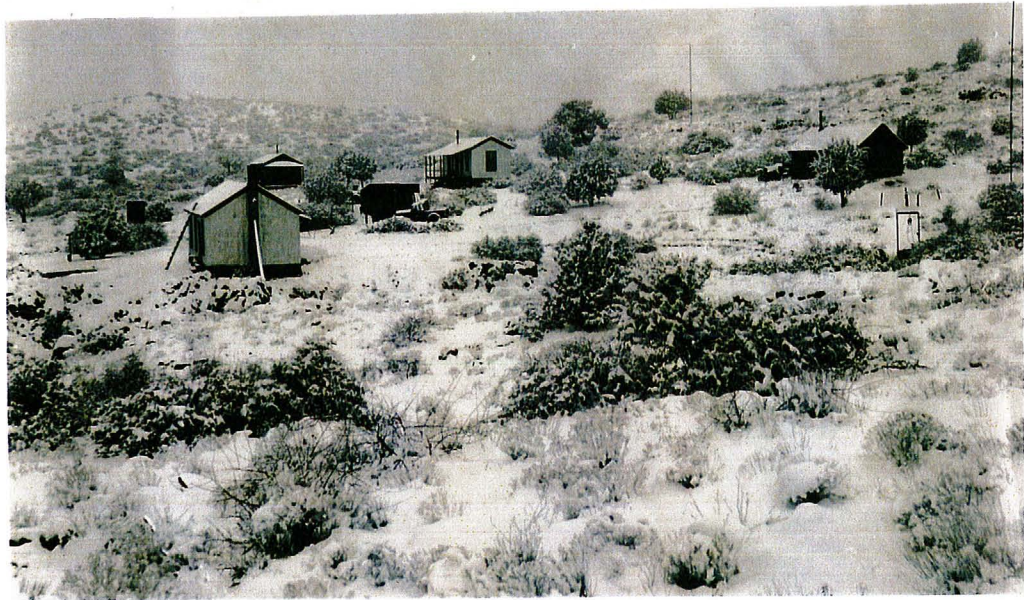
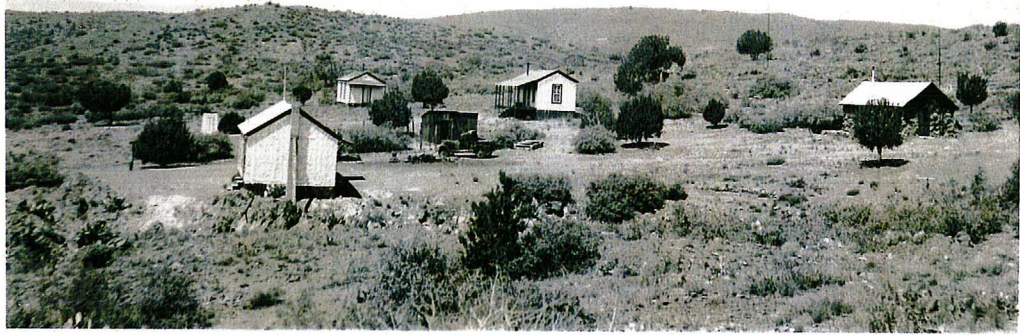
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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine *Tri-Metals*
District *Agua Fria*
Subject:

Date *Dec. 12, 1939*
Engineer *Carl G. Barth Jr.*





(1) Looking West
The houses at 4200 ft Elevation



19

(2) This is looking
west and is all of the snow
since the big snow of '36

18

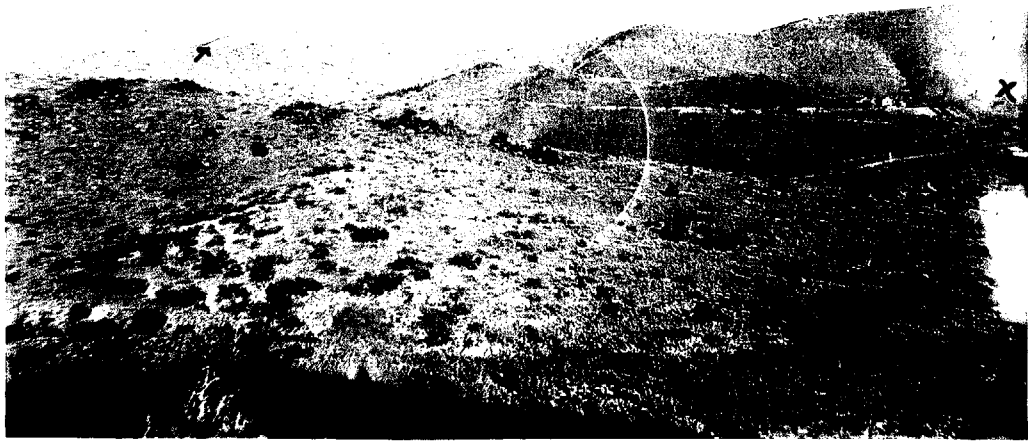
(3) I do not have a black
and white picture of this ex-
posure.

This shows the camp looking
N.E. and you will see the mine
buildings in the middle distance

The hills in the distance are
not part of the claims

This was taken looking in
the same direction as # 5

The hill in the distance is 4600 ft.



(4) This shows the buildings
at the shaft.

The first is the black smith
shop.

The shaft is 4300 ft. Elevation
There are 3 houses in a row
and the one you can just
see is 18' x 40'

The shop is 16' x 20'

19

(5) This picture has been
light struck but it shows a
part of all the claims

I have marked the S.E. and N.E.
corners. You can see the
buildings at the shaft but the
houses have been nearly blotted
out in the middle on the right
hand side

You can see some of the dykes
in the middle distance.