



## **CONTACT INFORMATION**

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: COPPER HILL GROUP

ALTERNATE NAMES:

WOOD-OWENSBY CLAIMS  
AZ PACIFIC CU CO. CLAIMS  
JAVELINA  
SCORPION  
BARBAROSSA  
POWDER POT

PINAL COUNTY MILS NUMBER: 397

LOCATION: TOWNSHIP 5 S RANGE 15 E SECTION 31 QUARTER ALL  
LATITUDE: N 32DEG 57MIN 30SEC LONGITUDE: W 110DEG 51MIN 30SEC  
TOPO MAP NAME: WINKELMAN - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

COPPER OXIDE  
COPPER SULFIDE  
GOLD  
SILVER

BIBLIOGRAPHY:

ADMMR COPPER HILL GROUP FILE  
ADMMR FILES

COPPER HILL GROUP et al(file)7/1966

PINAL COUNTY

Copper - Silver - Gold

COPPER HILL MINE (file) 1-23-58  
(now called Copper Hill Group (file) 7/1966)

PINAL COUNTY  
COTTONWOOD DIST.

COPPER (Silver-Gold)

CLAUD C. <sup>owensby</sup>ORMSBY, Box 805, Hayden, Ariz.  
WOODS - Tucson, Ariz.

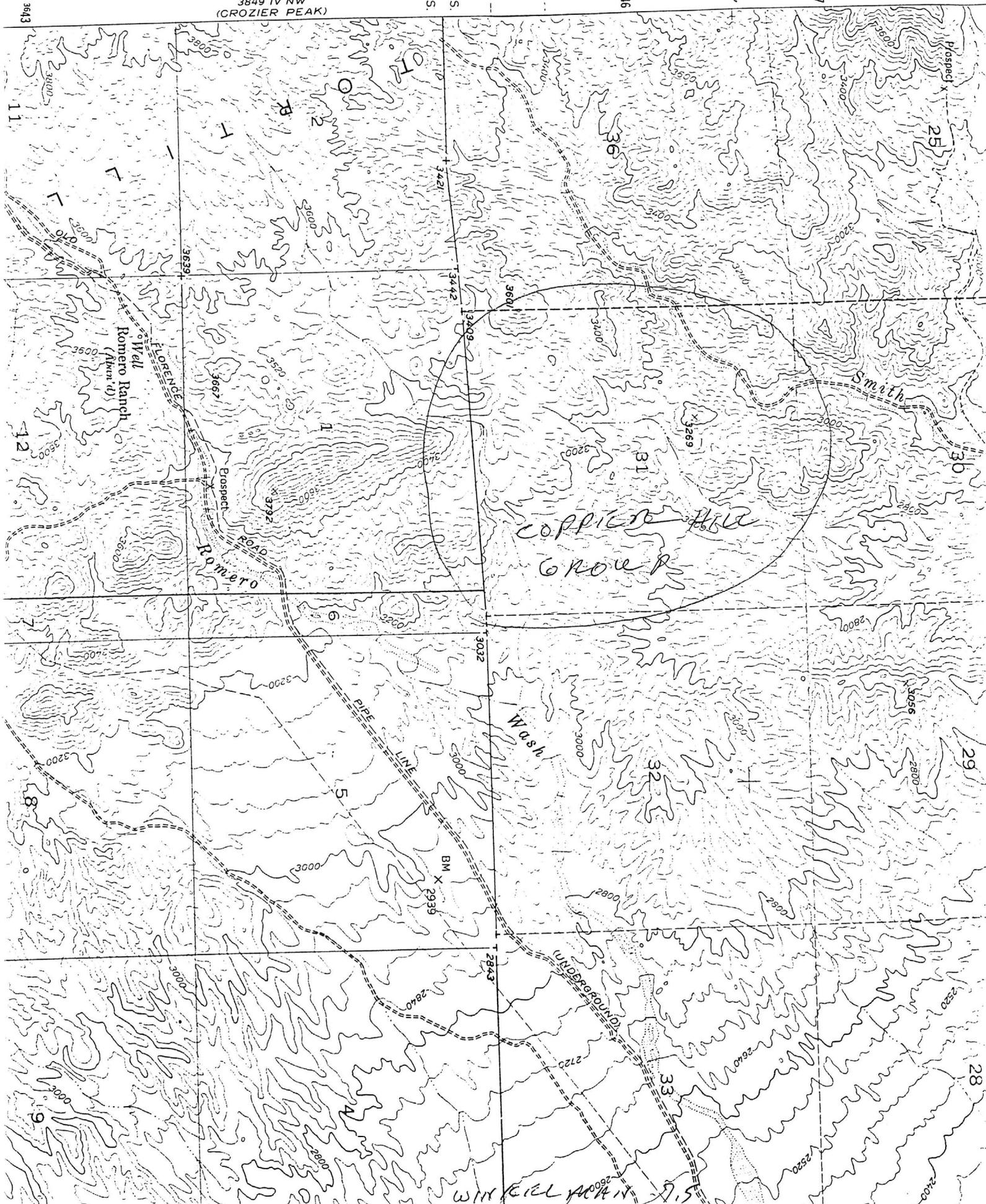
52 59' 30"  
110° 51' 00"

3849 IV NW  
(CROZIER PEAK)

T. 5 S.  
T. 6 S.

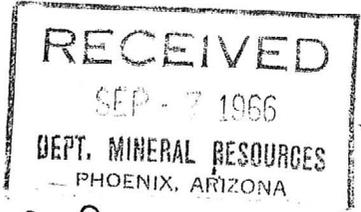
3646  
57'30"

3647



OWENSBY, CLAUDE C. & Box 805, Hayden, Ariz. 9-54  
WOOD, LESLIE 2426 E. Lind Road, Tucson, Ariz. (OWNERS)

*Copper Hill Mine*  
SEE: Wood-Owensby Claims, Ripsey Mining Dist., Pinal Co.  
9 unp. claims.



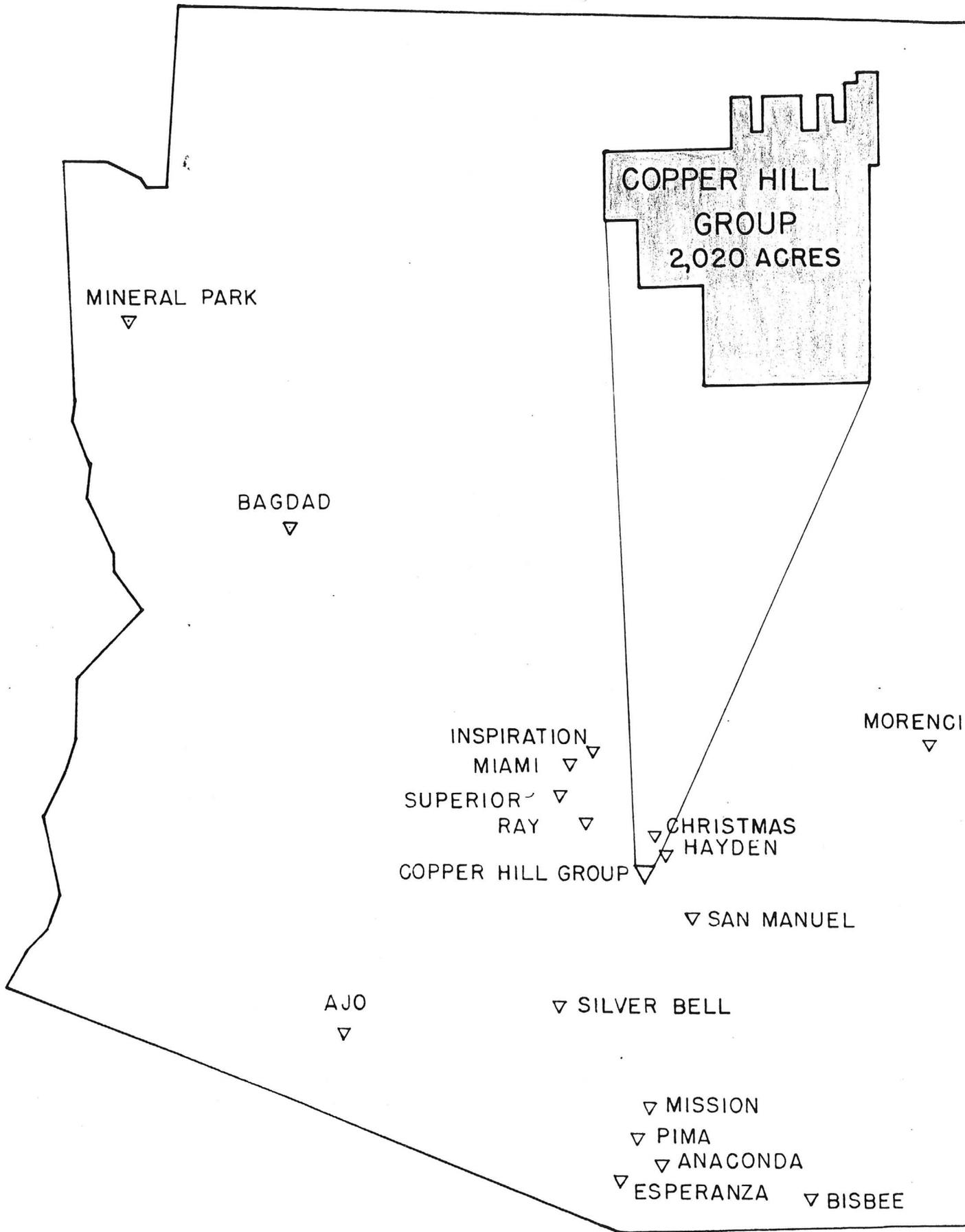
Lois Pare: -

Encl. the new version of the  
"Arizona Copper Mine Index"

Please substitute this in place of the  
copy we gave you, which had insufficient  
average of claims and no Christmas holiday

Sincerely,  
all

# ARIZONA COPPER MINE INDEX



COPPER HILL GROUP

PINAL COUNTY

Axel L. Johnson, P.O. Box 5047, Tucson, Arizona and Robert B. Crist, 3509 N. Treat Avenue, Tucson, Arizona have taken over the Bobbitt and Woods properties and laid out themselves all the Salba and Alba claims surrounding and filling in the other two properties.

Note LP 8/1966

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✓ COPPER HILL MINE

PINAL COUNTY  
COTTONWOOD DIST.

See Axel L. Johnson Report 4-4-57 in

✓ AMERICAN EXPLORATION CO. (file)

Idle

DEPARTMENT OF MINERAL RESOURCES  
State of Arizona  
MINE OWNER'S REPORT

Date 1-23-58

- 1. Mine: Copper Hill Mine
- 2. Location: Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Range \_\_\_\_\_ Nearest Town Hayden Distance 9  
Direction SW Nearest R.R. Hayden Distance 9  
Road Conditions Catapillar Road.
- 3. Mining District and County: Cottonwood Dist Pinal County
- 4. Former Name of Mine: \_\_\_\_\_
- 5. Owner: Claud C. Ormsby, and (Jesse M) Woods Tucson Arizona  
Address: Box 805 Hayden, Arizona
- 6. Operator: Idle (Ormsby, agent)  
Address: \_\_\_\_\_
- 7. Principal Minerals: Copper, (Silver-Gold) Cuprite, Limerite and Chrysocolla.
- 8. Number of Claims: Lode 19 Patented \_\_\_\_\_ Unpatented ✓  
15 Federal  
Placer 4 State Patented \_\_\_\_\_ Unpatented \_\_\_\_\_
- 9. Type of Surrounding Terrain: On top of a high hill.

10. Geology and Mineralization: 2' vein, with iron garnet, shows on top of a ridge of Menziesite (?) porphyry body. Presence of magnetite and some garnet indicates local metamorphism. Part of the porphyry, outside of veins shows low grade oxide mineralization which is partly disseminated and partly in veinlets

11. Dimension and Value of Ore Body: No  
Value 0.01 to 0.02 g. ore 25 to 65% copper  
2000 # Sample at smelter at Hayden for testing.

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

12. Ore "Blocked Out" or "In Sight": Not known

Ore Probable: Not known

13. Mine Workings—Amount and Condition: OK

No.	Feet	Condition
Shafts.....		
Raises.....		
Tunnels..... <u>1</u>	<u>50'</u>	<u>Removed by cat work</u>
Crosscuts.....		
Stopes.....		

Bulldozer cut 12-14 Feet deep (dull + shot) 100' long

14. Water Supply: None other than Gila River 5 miles distant

15. Brief History: 40 tons high grade were shipped to the Hayden Smelter some years ago. 2000 pound test shipment taken from along the bulldozer cut, sent to Hayden Smelter for testing.

16. Remarks: They desire field visit to the mine.

17. If Property for Sale, List Approximate Price and Terms:

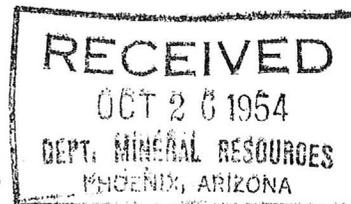
18. Signature: Claud C. [Signature]

## DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

## FIELD ENGINEERS REPORT

Page 1.



Mine Wood-Owensby Clsims

Date Sept. 26, 1954.

District Ripsey Mining District ---Pinal County. Engineer Axel L. Johnson

Subject: Field Engineers Report -----Field inspection with Mr. Wood and Mr. Owensby.

Location Sec. 31 -- T 5 S --- R 15 E. Go south from Winkelman about 1/8 mile on the Winkelman-Mammoth road. Turn right(west) about 200 ft. south of the bridge across Gila River, and cross San Pedro River. Drive about 4 miles NW on county road to Smith Wash. Drive SW along Smith Wash for 4.7 miles to the claims.

Number of Claims 9 unpatented claims ---6 located last year, and the remainder this year.

Owners Leslie Wood, 2426 E. Lind Road, Tucson, Ariz.  
Claude C. Owensby, Box 805, Hayden, Ariz.

Operators Not in operation.

Principal Minerals and Metals Copper oxides and sulphides. Chrysocolla, malachite, melaconite, cupbite, chalcopyrite, oxides of iron and manganese.

Number of Men Employed None. Assessment work only.

Production Rate No production.

Topography Moderately rolling terrain.

Geology Country rock is aplite and granite. A number of narrow veins, containing some copper showings are found on all the claims. These veins are from 1 inch to 18 inches in width, and contain mostly copper oxides, with a small amount of chalcopyrite, associated with a considerable amount of hematite and limonite. One open cut also shows a copper oxide deposit about 8 ft. wide, occurring in highly altered granitic rock, which may average about 1 % in copper. Near the claims, an outcrop of red arkosic ferruginous quartzite is found, which is about 400 ft. wide, but contain no minerals. However, this formation may have some bearing on the mineralization. None of the copper found on the claims is merchantable, but shows evidence of extensive mineralization. Veins found are from 50ft. to 200 ft. apart.

Ore Values No merchantable ore.

Ore in Sight and Probable Ore None.

Present Mine Workings A number of small prospect holes, none of which are over 5 ft. in depth, except for the location shafts.

Past History None.

Present Operations A small amount of exploration work has been done as assessment work. About one mile of ~~xxxx~~ road has been built into the property.

Samples Taken The following samples were taken during my visit to the property for further study and examination and identification by the Arizona Bureau of Mines.:

## DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

## FIELD ENGINEERS REPORT

Page 2.

Mine Wood-Owensby Claims

Date Sept. 26, 1954.

District Ripsey Mining District ---Pinal County.

Engineer Axel L. Johnson

Subject: Field Engineers Report -----Field inspection with Mr. Wood and Mr. Owensby.

Samples Taken (con't)

(1) On claim # 1----Narrow fissures in an aplite dyke. Fissures 1 inch to 6 or 8 inches wide, and 25 to 50 ft. apart. Minerals are malachite, melaconite (black copper oxide), chalcopryite, and iron oxides.

(2) On top of hill ---- Number of small mineralized fissures in an aplite country rock. Width of fissures variable, varying from 1 inch to 12 inches, and 50 to 100 ft. apart. Minerals are chrysocolla, melaconite (black copper oxide), chalcopryite, and a trace of cuprite, associated with a considerable amount of iron oxides.

(3) An open cut, containing a concentration of copper oxide about 8 ft. wide, occurring in a highly altered granitic rock. This might average about 1 % in Copper. Mr. Wood reports samples taken in this cut, which ran from 0.9 % to 1.2 % in copper. Minerals are chrysocolla principally, associated with biotite and manganese oxides.

(4) On claim # 5 ---- (near corners of claims #1 & # 2). In open cut about 5 ft. wide and 5 ft. deep. Oxides of copper found in weathered aplite country rock. Minerals are chrysocolla, malachite, and a trace of melaconite (black copper oxide), associated with manganese oxides.

(5) On claim # 5 ----- A vein 18 inches wide in brecciated quartz in ~~xxxxx~~ a shear zone. Minerals are chrysocolla, malachite, cuprite, associated with a considerable amount of iron oxides of hematite and limonite.

(6) On claim # 7 ----- Narrow mineralized fissures a few inches to 12 inches in width found in granite rock. Minerals are chrysocolla, with a trace of cuprite, associated with biotite and manganese oxides.

(7) On claim # 5 ----- Down in wash. A calcite vein 12 inches in width with alternate bands of calcite and ankerite, with some mineralization parallel to the bands of calcite. Minerals are limonite, containing traces of chalcopryite.

(8) A large vein of arkasic ferruginous quartzite about 400 ft. wide, projecting above the surrounding surface about 50 or 60 ft., and having a bright red color, due to its iron content. No minerals found in the quartzite. This formation is found just outside the claims owned by Mr. Wood and Mr. Owensby.

Proposed Plans Owners would like to sell or lease the property, or give an option for ~~sale or lease to some company who would diamond drill the property.~~ sale or lease to some company who would diamond drill the property. Mr. Wood reports that another party, who owns about 8 adjoining claims, would, also, like to dispose of his claims in a similar manner, or join with Wood and Owensby in a sale, lease, or option.

General Remarks The property shows considerable mineralization over a fairly large area. A diamond drilling program could quite possibly show up a large ~~low grade~~ body of low grade copper ore, suitable for large scale operations.

**AMERICAN SMELTING AND REFINING COMPANY**

**HAYDEN PLANT**

**ASSAY CERTIFICATE**

*Handsamples*

DATE ASSAYED.....*5-9* 19*57*

MARKED.....*Owensby A Wood*

Lot No.	GOLD Ounces Per Ton	SILVER Ounces Per Ton	LEAD %	COPPER %	Ins. %	SiO <sub>2</sub> %	Fe %	Mn %	CaO Total %	Ni %	Zn %	S %	Al <sub>2</sub> O <sub>3</sub> %	Sb Bi
<i>A</i>	<i>0.02</i>	<i>1.14</i>		<i>6.5</i>										
<i>B</i>	<i>0.01</i>	<i>0.69</i>		<i>4.3</i>										
<i>C</i>	<i>0.01</i>	<i>0.33</i>		<i>2.5</i>										
<i>D</i>	<i>0.01</i>	<i>0.21</i>		<i>3.5</i>										

**AMERICAN SMELTING AND REFINING COMPANY**

By *Carson* ..... Assayer  
 ..... Chemist

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FEDERAL MINING CLAIMS

- Copper Hill Group - Original Location
- Alba claims - located July 1966

- Javelina Group - located by A.B. Bobbitt

STATE MINING CLAIMS

- COPPER HILL GROUP - Original Location
- Salba claims - located July 1966

LESLIE M. WOOD, et al  
 COPPER HILL GROUP, et al  
 State & Federal Mining Claims  
 TWP. 5 S., R. 14 & 15 E., GSRBM  
 Pinal County, Arizona  
 Scale 1" = 500' July, 1966

FRK