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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: PINE FLAT

ALTERNATE NAMES:

PATENTED CLAIMS MS 1950  
CIRCLE PARK  
CIRCLE PEAK  
BUCKSIGHT  
GOLD HILL

YAVAPAI COUNTY MILS NUMBER: 1104B

LOCATION: TOWNSHIP 12 N RANGE 1 W SECTION 22 QUARTER C  
LATITUDE: N 34DEG 21MIN 48SEC LONGITUDE: W 112DEG 21MIN 25SEC  
TOPO MAP NAME: BATTLE FLAT - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER SULFIDE  
GOLD  
SILVER

BIBLIOGRAPHY:

USGS BATTLE FLAT QUAD  
BLM MDS SHEET 221; AGS DIGEST 20. P 467  
YAVAPAI MAGAZINE MAR. 1918 P 4-6 SHARLOT HALL  
MUSUEM PRESCOTT, AZ  
AZ. MNG JRNL. JAN. 1918 P 24  
ADMMR PINE FLAT AREA & BUCKSIGHT MINE FILES  
LINDGREN, W. ORE DEPTS OF JEROME & BRADSHAW  
MTS QUADS USGS BULL 782 1926 P 150



# Arizona Department of Mines and Mineral Resources

1502 West Washington, Phoenix, AZ 85007 Phone (602) 255-3795  
1-800-446-4259 in Arizona FAX (602) 255-3777 www.admmr.state.az.us

## Additions for Arizona Copper Resource database

Name, County	Tons (millions)	Grade (% Cu)	Comments/Reference	Owner/Operator
Mission UG, Pima Co.	5.1	2.07	Reported in Pay Dirt Nov, 1994. Active, Operated as part of Mission Complex.	Asarco
Pine Flat, Yavapai Co.	25	0.36	Resource from: Spatz, D., AGS Digest 20.	Numerous owners of patented claims. 110 acres by Woodburn Pine Flat L.C. Des Moine, IA.
Planet – Mineral Hill	5.76	5.5	Harrer, C.M. 1964 USBM IC 8236, P.	Fred Kalloff
Red Hills, Pinal Co.	500	0.1	Oxide; William S.A. and Forrester, J.D., AGS Digest 20.	Red Hills Mining, Mesa, Az
Sol			Porphyry Copper system with two untested geochemical targets remain. AMAX/PD drilled 16 holes in 1970's. 150mm tons at 0.1% Cu geological resource reported by ACTLABS in a 1998 enzyme leach test study.	Miller Resources
Squaw Peak, Yavapai Co.	30	0.35	Also includes 0.03% MoS <sub>2</sub> .	Desert Pacific, Reno Nevada
Sunnyside, Santa Cruz Co.	plus 200	0.6	Graybeal, F.T., Sunnyside Por. Cu System, 1994. 4000' deep, contains 0.2% Mo, 0.15 opt Ag, and adjacent Pb-Zn-Ag skarns.	Asarco
Ventura Porphyry, Santa Cruz Co.	plus 200	0.3	USBM Mineral Land Assessment 22-94.	Noranda ?

Mineral Building, Fairgroup  
Phoenix, Arizona

1. Information from: Allen Frase  
Address: 323 - S Harris, Mesa
2. Mine: Buck right (Gold Hill) old name 3. No. of Claims - Patented 5 Swirey #1950  
Unpatented \_\_\_\_\_
4. Location: Pine Flat - 10.6 mi W of Mayer near Goodwin
5. Sec. ? Tp. 12 N Range R1W 6. Mining District \_\_\_\_\_
7. Owner: Ray Everson and Allen Frase
8. Address: as above
9. Operating Co.: partnership
10. Address: \_\_\_\_\_
11. President: \_\_\_\_\_ 12. Gen. Mgr.: \_\_\_\_\_
13. Principal Metals: Au 14. No. Employed: \_\_\_\_\_
15. Mill, Type & Capacity: none
16. Present Operations: (a) Down  (b) Assessment work  (c) Exploration   
(d) Production  (e) Rate \_\_\_\_\_ tpd.
17. New Work Planned: plan a small core drilling program  
then sinking a shaft or drive tunnel as dictated by drilling.
18. Misc. Notes: Gold Hill (Buck right) operated in early 1900  
by Seaton & Woodburn who had a small mill. Production  
unknown.  
Several shafts + tunnels on the claims but mostly  
covered & inaccessible. Gold occurs in quartz with hematite, quartz  
is white and varies from inch widths to 4-5 ft. Values decrease  
with increase in width. a six inch vein said to assay 200<sup>oz</sup> ::  
per ton. Country rock. chlorite schist.

Date: July 24, 1968

F. T. Johnson  
(Signature)

(Field Engineer)

# Mining Review

Operations in Yavapai as seen by P. R. Milnes, Secretary of the County Bureau of Mines

Prescott, Arizona, Dec. 21, 1917.

While the Jerome district still ranks first in public interest, Mayer is making a bid and a successful one for the attention of mining men and capital through a number of strikes of importance made in the last week or two. The field has many promising prospects and already has been carefully scrutinized by several of the largest copper-producing companies of the southern end of Arizona, with the view to enlarging their holdings and increasing their output. An engineer of one of these companies recently spent two weeks in the district and announcement of a big deal is looked for at any time.

## The Arizona Copper Co.

The Arizona Copper company, a mile and a half northwest of Mayer, has encountered a fine grade of chalcopryite in the bottom of the 200-foot shaft. The ore covers the bottom of the shaft, there being a streak of high grade which indicates that both a milling and smelting ore will be found as depth is attained.

## The Monte de Cobre

The Monte de Cobre Mining company, which recently took over the Barbara mine, has gone through 40 feet of ore in a new tunnel, which has been run to tap a known body of copper developed by a shaft. Indications are that this is one of the largest bodies of copper ore in the Copper mountain district. The grade is not high but it is of the same character as ore that comes from adjoining properties in the schist formation.

## At the Pochontas Mine

To the south of the Barbara mine, a very important strike of lead-silver ore has just been made in the Pochontas mine in a crosscut at the 150-foot level. The vein is about 12 feet wide and the average of the milling grade is from \$15 to \$20 a ton, with three feet of high grade. A carload of lumber has been purchased and a 50-ton flotation mill will be installed as soon as the machinery can be assembled. This proposition is very similar to that of the Anderson-Birch mine west of Humboldt, which has been paying handsomely with a small flotation mill on the same class of silver-lead ores.

## Hidden Treasure District

The new copper district in which two important strikes have been reported during the past ten days, is around the old Hidden Treasure mine south of Mayer. John Slak has been developing a large group of claims called the Naco. The strike made by him last week is considered one of the richest ever made in that district. The ledge is about three feet wide with a rich center which will run from 60 to 70 per cent copper. Two miles east of the Naco mine a

group of claims is being developed by B. W. Gill. At one place a pit has been sunk 15 feet deep on a strong ledge of copper which shows considerable glance and native copper. This vein is about 3,000 feet long, with strong outcroppings the full length. The ledge is about 20 feet wide. Between these two properties, J. D. Dillon and associates have opened the extension of the Naco veins with a 75-foot open cut which shows a large body of milling ore. These properties are near the railroad and are but a short distance from the Prescott-Phoenix highway.

## The Pine Flat District

A new camp will soon be established eight miles west of Mayer in the Pine Flat district by Judge John A. Peacock, of Fort Worth, Texas, who has just organized the Circle Peak Mining company, taking over ten claims not far from the old Cumberland mine and mill. There are about 2,000,000 feet of choice pine timber covering the property. The ore carries good values at the surface of copper, gold and silver. The company also has an option on the Cumberland property which, in early days was a producer of high-grade gold and silver ore. The wagon road between these properties and Mayer is to be put in shape.

## The Rio Tonto Property

Development work is to be commenced within a few days on the Patton mine, which has been taken over by the newly organized Rio Tonto Copper Mines company, of which P. J. McIntyre and W. D. Mahoney, of Jerome, are the principals. The company is being financed with outside capital. This is one of the best developed properties south of the Binghamton and Copper Queen mines.

## Schist Belt Copper Co.

The Schist Belt Copper company has just been organized by A. W. Davis, H. C. Storey, S. E. Wallace, Charles Hooker and others of prominence in northern Arizona. The property lies north of the Silver Belt mine, west of Humboldt, and is on the strike of the Jesse and Union veins. The ore carries high values in gold.

## The Cherry Creek District

Indications are that there will be general activity in the Cherry Creek district this coming year. Several new companies are being organized among the best mining men of this state. Capital is being interested in California, Ohio, Chicago and other Eastern points. J. H. Tribby, who is one of the oldest of the mine owners in that district, has turned over four of his properties: the Evening Star, Climax, Three Metals and the Shipper, to a combination of men residing in Pasadena, California, the deal having been consummated through Dr. A. W. Crawford, of that

city. The four properties are well developed, showing high-grade gold and copper ore. Judge D. E. Parks, of Prescott and associates, own the Logan mine, which is in the same camp.

## The Old Conger Mine

In the same district, the Jerome Conger Mining company, which is officered mostly by Prescott business men, has acquired the old Conger mine. The company is to be financed by Ohio people. The ore is gold and copper.

## Verde Inspiration Company

One of the best developed properties in the Cherry district is owned by the Verde Inspiration company. There are several parallel veins traversing the property which have been extensively developed. The Etta mine is an example of what can be done with the mines of the district, it having produced over a half a million dollars in gold by amalgamation. As depth is attained on the veins, the gold values have turned into good grade chalcopryite. In the case of the Verde Inspiration mine, several deep shafts have been sunk on different portions of the veins. The 20-ton stamp mill has handled successfully all the ore that has been mined. The plan is to increase the capacity of the stamps and to install a complete concentration and cyanide equipment. There are about 20,000 tons of oxidized gold ore blocked out and there is much more ground that has not been developed that will carry this same quality of gold ore. The ore that has been milled will average about \$15 a ton in gold. Already in the deepest workings, this gold ore has begun to turn into the characteristic chalcopryite, which will cause the company to add the flotation process to the mill methods.

## The Jerome Copper Co.

Prescott, Arizona, Dec. 29, 1917.  
The feverish race to see which property in the Jerome district will be the first to bring in a producer before the beginning of the year, bids fair to be won by the Jerome Copper company, which has struck four feet of sheared quartz and schistose diorite, heavy with iron sulphide and carry some sulphide. Two small stringers of the same material, a little richer in chalcopryite, were cut before this particular shoot was encountered. The country rock through which the tunnel is passing is an extremely hard diorite. It is understood, however, that the tunnel has not passed entirely out of the sheared formation. The tunnel is now in 855 feet and when it has advanced 870 feet from the portal the depth will be 450 feet. It is certain that the contact, which is the tunnel's objective, has not been cut, and the streaks which have been cut are supposed to be mere stringers there-

Circle Park  
Arizona Mining Journal  
Jan 1918 p. 24

PINE FLAT AREA

YAVAPAI COUNTY  
T12N R1W Sec 22

MILS Yavapai Index #1104B (Circle Park)

See also: Bucksight (file) Yavapai County

USGS Battle Flat topo map

Yavapai Magazine, March 1918, p. 4-6

Arizona Mining Journal, January, 1918, p. 24

USGS Bull 782, 1926, p. 150 (Included in file)

PINE FLAT AREA

YAVAPAI

GWI phone info. 5/9/75 - This belongs to Superior Minerals.

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**ARIZONA DEPARTMENT OF MINERAL RESOURCES**  
**Mineral Building, Fairgrounds**  
**Phoenix, Arizona**

1. Information from: Allen Frass
- Address: 323 - S Harris, Mesa
2. Mine: 'Buck sight (Gold Hill) old mine 3. No. of Claims - Patented 5 Survey #1950  
 Unpatented \_\_\_\_\_
4. Location: Pine Flat - 10.6 mi W of Payson, near Goodwin
5. Sec. ? Tp. 12 N Range R1W 6. Mining District \_\_\_\_\_
7. Owner: Ray Everson and Allen Frass
8. Address: as above
9. Operating Co.: partnership
10. Address: \_\_\_\_\_
11. President: \_\_\_\_\_ 12. Gen. Mgr.: \_\_\_\_\_
13. Principal Metals: Au 14. No. Employed: \_\_\_\_\_
15. Mill, Type & Capacity: none
16. Present Operations: (a) Down  (b) Assessment work  (c) Exploration   
 (d) Production  (e) Rate \_\_\_\_\_ tpd.
17. New Work Planned: plan a small core drilling program  
then sinking a shaft or drive tunnel as dictated by drilling.
18. Misc. Notes: Gold Hill (Buck sight) operated in early 1900  
by Seaton & Woodburn who had a small mill. Production  
unknown.  
Several shafts + tunnels on the claims but mostly  
covered & inaccessible. Gold occurs in quartz with hematite, quartz  
is white and varies from inch widths to 4-5 ft. Values decrease  
with increase in width. a six inch vein said to assay 200<sup>oz</sup>  
per ton. Country rock. chlorite schist.

Date: July 24, 1968

F. T. Johnson  
 (Signature)

(Field Engineer)



BUCKSIGHT MINE

Property near Mayer, reported to have Yttrium, besides gold and silver.

FTJ WR 6/25/65

\_\_\_\_\_  
Roy Everson, Arizona Title and Trust Co., Phoenix, home address 2717 E. Indian School Road, Phoenix has gold claims 2 miles west of the Orizaba.

FTJ WR 11/26/65

\_\_\_\_\_  
Superior Oil in a joint venture with Cominco American are drilling his property.

FTJ WR 11/24/67

\_\_\_\_\_

# Inspiration Development Company

P. O. BOX 66  
INSPIRATION, ARIZONA 85537

January 18, 1975



Mr. Jerry E. Schmidt  
District Ranger  
Prescott National Forest  
Crown King Ranger District  
Crown King, Arizona 86333

RE: Notice of Intent to Operate  
Wolf Claim Group

Dear Mr. Schmidt:

In accordance with Part 252 of Title 36 of the Code of Federal Regulations (36 CFR 252), Inspiration Development Company does hereby submit a Notice of Intent to Operate for its Wolf Claim Group located in the Prescott National Forest.

Specifically, these claims are in part of sections 15 and 22 Township 12 North Range 1 West of the Gila and Salt River Meridian, Yavapai County, Arizona.

Local manager of the property is under the supervision of :

Mr. J. G. Kuhn, Vice President  
Inspiration Development Company  
P. O. Box 66  
Inspiration, Arizona  
Tel: 602-473-2411

A map, scaled at 1" = 5,000 feet of this area is attached. The red shading indicates the unpatented lode claims in this group.

The company does not plan any significant surface disturbance in this area for the ensuing year. Activities will be limited to geological and possibly geophysical surveys. Vehicular travel will be confined to existing roads and cattle gates will be left closed.

It is anticipated that variations may be required as future conditions change any any such modifications that will affect the National Forest land will be accomplished with full disclosure to the Forest Service.

Very truly yours,

A handwritten signature in cursive script that reads "Thomas J. Montgomery".

Thomas J. Montgomery  
Property Superintendent

TJM/ct

Enc.

B G BUG MESA

WOLF CLAIMS

CHALK CLAIMS

P.P. 20554  
4634  
33

Jump

Montreux  
Canch

Pine

Water Hole

Cedar

Area

R

E

S

T



Copper, lead, gold, and silver produced in Turkey Creek district, 1906-1924  
 [Compiled by V. C. Helkes, U. S. Geological Survey]

Year	Crude ore (tons)	Copper (pounds)	Lead (pounds)	Gold (fine ounces)	Silver (fine ounces)	Total value
1906	4			22.92	163	\$583
1907	51	247	2,600	13.29	1,810	1,687
1908	453		2,006	148.73	778	3,571
1909	134	520	4,342	111.74	1,009	3,128
1910	1			2.50	343	287
1911	38	6	3,795	14.79	4,761	3,091
1912	45	137		8.53	5,124	3,331
1913	23		55	16.98	2,890	2,078
1914	17		1,113	4.09	2,189	1,388
1915	64	22	2,628	43.33	992	1,354
1916	16		1,244	7.95	1,662	1,354
1917	46	1,074		34.55	996	1,876
1918	22	79		.41	2,769	2,798
1919	52	292	7,999	.51	3,827	4,774
1920	221	669	4,725	54.00	9,196	11,641
1921	100	970	20,700	29.38	13,355	15,011
1922	310	7,570	1,600	37.63	18,315	20,200
1923	470	35,249		172.83	2,985	11,268
1924	184	6,348	8,640	77.40	1,560	4,100

CUMBERLAND MINE

The Cumberland mine is 1 mile north of Pine Flat and was last in operation about 1908. The owner is W. Woodburn, of Boone Iowa. According to information from Mr. T. Roach, of Pine Flat this is a gold quartz vein striking a little east of north and dipping west. The shaft is 350 feet deep and there are short drifts. The shoot on the north is said to have continued to the lowest workings; it contains ore of \$40 grade, which was treated in a 10-stamp mill at Pine Flat. The gold is reported as free and visible in places. The water level was found at a depth of 90 feet.

It is probable that here, as in many other places, the conditions became unfavorable when the workings reached the sulphide ore below water level. There is said to be placer ground in the vicinity of the Cumberland mine.

IN THIS IMMEDIATE AREA ALONG CUMBERLAND MINE COPPER DEPOSIT

Just west of Pine Creek is a small area of diorite porphyry which along the creek bed contains chalcopryrite disseminated in seams and spots. It resembles the Copper Basin occurrence, west of Prescott. On the ridge the rock is soft and decomposed and shows quartz seams and a little chalcocite.

WAR EAGLE MINE

About 2½ miles from Goodwin on the road toward Prescott, but still in the Turkey Creek drainage area, is the War Eagle, an old property of four claims, in which the oxidized ore has been worked from time to time. It is first mentioned in Raymond's report of 1874. In 1922 Erickson & Grant were leasing from the owner, Mr.

McMaster, of Gallup, N. M. the old workings. Last year was extracted from the War property has had a considerable

The old shaft from which is 300 feet deep and the stop is on surface.

The vein, which strikes north-south in mixed rock looking like granite. The vein is narrow, at most 2 feet wide with galena, sphalerite, and pyrite. The oxidized ore is reported as

The Gold Note property in the Turkey Creek drainage area. The data given below were extracted from the claims. The claims were sold in the late 1800s to the Silver Co. for \$75,000. The property was abandoned by Guynne. The vein, which was developed by a shaft 270 feet deep, has a collar. The ore contains silver and gold. There are two stopes, but only one is worked except 12 tons that average \$100 to the ton, with 72 per cent silver content from that in the War Eagle. The Dolphin prospect, which is a mill.

Along the road from the Goodwin claim like the Crooks complex. The ore is mixed, but schistose amphibolite beyond Goodwin. No porphyry is evident from the vicinity of Goodwin. The slopes of Bigbug Mesa in a

The Goodwin claim has been worked according to Mr. Tom Roach. He also states that he has seen the claims north of the Roach

STILL & STILL

CONSULTING MINING ENGINEERS & GEOLOGISTS

ROOM 24 - UNION BLOCK

PRESCOTT, ARIZONA

J. W. STILL  
ARTHUR R. STILL

TELEPHONE 658  
P. O. BOX 1512

April 8, 1959

Mr. D. M. Kentro, Ass't. Vice Pres.  
Shattuck Dem Mining Corporation  
Prescott, Arizona

Re: Pine Flat, Yavapai County, Arizona

Dear Mr. Kentro:

The purpose of this letter is to confirm the opinions given you verbally this afternoon by Mr. Louis Bombardieri and myself regarding the above named property. Mr. Bombardieri had visited the property for one day about a week ago and he and I visited it together on this date.

In essence, Pine Flat has been known for many years to be a small area of porphyry copper type of mineralization. This potential has been tested, in a cursory manner, in years past by several companies, the latest being Ranwick, Inc. who drilled some five dry rotary holes as late as 1956-57. The area of mineralization has pretty well been proven to be too small, and too low in grade, to be of further interest from a porphyry copper point of view.

Recent work by a Mr. R. M. Churchill and associates has been aimed at testing the possibility of the existance of more compactly mineralized veins within the quartz diorite mass. In an attempt to evaluate this potential Churchill and associates have conducted a self potential survey over the bulk of the diorite and they have developed a sizeable number of S. P. anomalies which they believe indicate massive vein type mineralization at depth.

An examination of the surface of the property reveals that their anomalies occur for the most part in two distinct structural provinces relative to the quartz diorite plug. The largest number of anomalies appear to be located peripherally around the plug at or near the diorite-schist contact with the second occurrence being along a northeast trending zone that cuts directly through the plug and probably represents a more or less regional zone of shearing.

From the surface examination it is evident that the S. P. anomalies conform to the areas of most intense disseminated mineralization, which is around the periphery of the plug and along the above mentioned northeasterly trending zone, but at no point on the property are there any surface indications which would lead one to believe that a consolidation of the disseminated mineralization into more distinct "veins" should reasonably be expected at any shallow depth. No gossan after massive sulphides can be found nor do there exist any relatively narrow



fault or shear zones that can be related to the S. P. anomaly areas.

Within the area of what Churchill considers to be the best S. P. anomaly (Neg. Anomaly area #1) they have interpreted their S. P. configuration to have been caused by a massive sulphide zone at a depth of approximately 80 ft. Three churn drill holes were drilled in this area by Churchill and his associates but these were drilled prior to the complete interpretation of the S. P. results and were located so as to "span" the apex of the proposed sulphide vein.

Due to the relationships of the S. P. anomalies to the mineralized diorite plug and the complete lack of surface evidence for massive veins at a depth of 100 ft. or less it is my opinion at this time that the S. P. anomalies are most probably caused by the oxidation of the disseminated sulphides in the most mineralized areas.

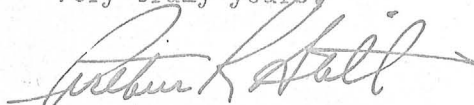
However, since it is possible, even though in my opinion not probably, that more massive veins could exist under a disseminated pyritic "halo" I believe that some further checking on the property, if it can be rapidly and cheaply accomplished, should be done.

I would like to suggest that several of the more promising S. P. anomalies be checked with a vertical coil electromagnetic rig. This equipment is specifically designed to detect "conductors" of electricity and if any massive sulphide veins should exist within the depth limitations suggested by the S. P. interpretations of Churchill then they should give a very healthy E. M. anomaly. If E. M. anomalies of sufficient scale can be developed, which correlate with the S. P. anomalies, then further interest in the property would be warranted. If they cannot be developed then, in my opinion, the S. P. anomaly areas are attributable to the disseminated mineralization alone and, as the area of such mineralization is quite limited, the property would not be worthy of further interest by Shattuck Denn.

I believe that we can borrow a light E.M. rig locally later this month with which to run the test proposed in the above discussion. The running of the test should not require more than two days, and may be accomplished in one day,

Until the above brief testing has been completed I do not believe that the property has sufficient potential to warrant entering into any type of a lease and option agreement.

Very truly yours,



Arthur R. Still

ARS/

cc: Louis Bombardieri