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PRINTED: 11/19/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LITTLE GIANT

ALTERNATE NAMES:

AMERICAN FLAG
CASH ENTRY
VINDICATOR GROUP

LA PAZ COUNTY MILS NUMBER: 47

LOCATION: TOWNSHIP 7 N RANGE 13 W SECTION 12 QUARTER SE
LATITUDE: N 33DEG 57MIN 35SEC LONGITUDE: W 113DEG 33MIN 41SEC
TOPO MAP NAME: SALOME - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER SULFIDE
GOLD LODE
SILVER
SILICON SMELTER FLUX

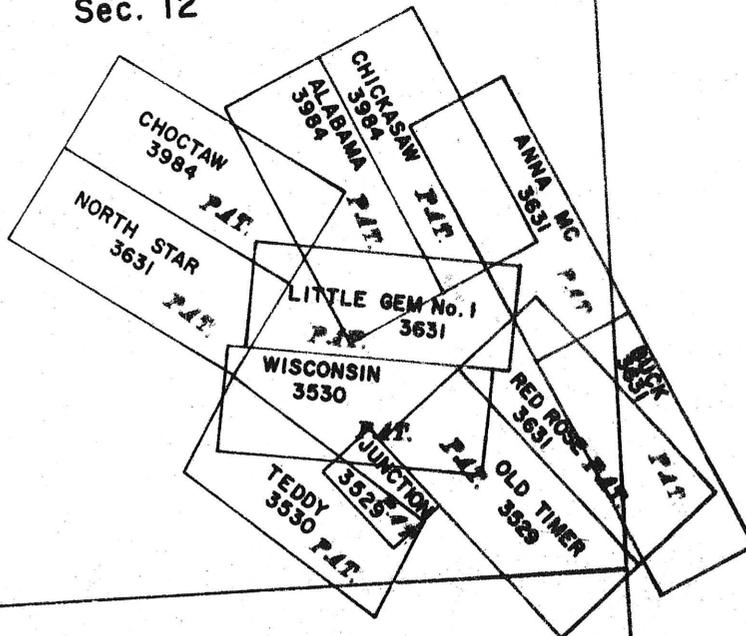
BIBLIOGRAPHY:

KEITH, S.B., 1978, AZBM BULL. 192, P. 144
ADMMR LITTLE GIANT FILE

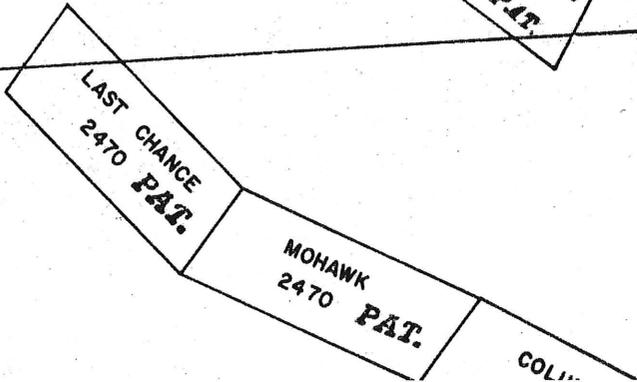
NE 1/4, T. 7 N., R. 13 W.
HARCUVAR DIST.
ELLSWORTH DIST.

Sec. 1

Sec. 12



U.S.L.M.
2468



ABM

BULL 192

Cunningham Pass District, Table 4 Cont.

MINING DISTRICT AND MINES	LOCATION			MINERAL PRODUCTS	GEOLOGY	TYPE OF OPERATION AND PRODUCTION	REFERENCES
	T.	R.	Sec.				
4. Critic mine (Bullard, Boone, Cunningham Pass Copper Mg. Co., Stent, Feighton, Ranier Mines Corp., Nohlcheck, Hatch, Buckanan, Edward Bros.)	7N	13W	SE 1/4 11 NE 1/4 14	Cu, Au, Ag, Fe, Ba	Chrysocolla, copper carbonates, cuprite and native copper, with chalcocopyrite and chalcocite in depth, in a gangue of hematite, quartz, barite, and brecciated wall rock, in spotty pockets and irregular lenses in a strong northwest-striking fissure vein cutting Precambrian metamorphics. Intrusions of granite and diorite. Fissure vein cuts schists and shows postmineral faulting. Schists show disseminated pyrite and hematite along walls. Some pegmatite dikes. More quartz and jasper in gangue in depth. Water encountered at about 300-foot depth.	Discovered in 1860's and patented in 1907. Shaft and tunnel operations with workings down some 485 feet. Mined almost continuously from 1907 through 1953, producing some 4600 tons of ore averaging about 10% Cu, 0.6 oz. Au/T and 0.2 oz. Ag/T. The major producer of the district.	Bancroft, 1911, p. 116-119 Copper Handbook, 1910-11 Mines and Copper Handbook, 1918 Tovote, 1918 ABM file data
5. Cuprite mine group (Wilkinson group, Emerald group, Little Giant Extension; Wilkinson, Josephi, Kane, Cuprite Investment Co., Prescott, Nohlcheck)	7N	13W	NW 1/4 13	Cu, Au, Ag, Fe, Ba	Spotty, oxidized copper mineralization, with high gold values, associated with strong showings of specular hematite in fissure veins along a strong northwest-striking fault zone, cutting Precambrian metamorphics. Intrusions of diorite and granitic dikes. Chalcocopyrite, stringers of chalcocite, associated with siderite and barite, in depth. High gold values in specular hematite near the surface.	Originally prospected in early 1900's and worked intermittently by shallow tunnels, open cuts and shafts from 1903 through 1942, producing some 430 tons of ore averaging about 5.5% Cu, 0.65 oz. Au/T, and 0.3 oz. Ag/T.	Copper Handbook, 1912-1913 ABM file data
6. Davis & Fleming mine groups (Davis)	7N	13W	NE 1/4 1	Cu, Au, Ag, Fe	Spotty, oxidized copper and gold values associated with specular hematite and limonite along fissure veins in Precambrian metamorphics.	Shallow shaft, adit, and open cut workings, mined intermittently, about 1912-1918, producing some 120 tons of ore averaging about 10% Cu, 0.3 oz. Au/T and 1 oz. Ag/T.	ABM file data
7. Golden Star mine group (Mattson & McDonald)	6N	13W	NE 1/4 3	Cu, Au, Ag, Fe	High-grade gold with oxidized copper mineralization in strong hematite fissure vein cutting Precambrian metamorphics cut by diabase and granitic dikes and intruded by Laramide granite.	Generally shallow shafts, tunnel, and surface cuts worked intermittently from 1935 through 1940, producing some 270 tons of ore averaging about 2% Cu, 0.62 oz. Au/T, and 0.4 oz. Ag/T.	ABM file data
8. Little Giant mine groups (American Flag group, Cash Entry group, Vindicator group, Wendondale Gold Mg. Co., Vindicator Mg. Co., Black Giant Mines Co., Jones, Cooper, Marvel Mg. Co.)	7N	13W	SE 1/4 12	Cu, Au, Ag, Fe, Ba	Spotty, high-grade, copper mineralization, with gold, associated with hematite, quartz, calcite, and barite in northwest-striking fissure veins along major fault zone, cutting Precambrian granite-gneiss complex. Cuprite, bornite, and chalcocopyrite in high-grade, narrow streaks and some disseminated sulfides in cross-cutting diorite dike.	Shaft and tunnel operations worked sporadically from early 1900's to 1954, producing over 500 tons of ore averaging about 14.6% Cu, 0.2 oz. Au/T and 0.5 oz. Ag/T.	Copper Handbook, 1906 Mines and Copper Handbook, 1918, 1920 ABM file data
9. Wenden mine group (McDonald, Whitehouse & Shapp, Wenden Copper Co., Wenden Copper Mg. Co., Honey)	7N	13W	cen. 11	Cu, Au, Ag, Fe	Spotty copper-gold mineralization in pockets and disseminations in a gangue of hematite streaks, quartz, and calcite, with bornite and chalcocopyrite with siderite in depth, along a strong fault or shear zone cutting Precambrian metamorphics intruded by diorite dikes and close to a Laramide granitic intrusive.	Numerous shafts and underground workings. Prospected and mined from about 1899 to 1941, producing some 120 tons of ore averaging about 9% Cu, 0.3 oz. Au/T and 0.4 oz. Ag/T.	Mines and Copper Handbook, 1918 ABM file data
10. Wenden King mine group (Copper Basin, Copperopolis, IronCap group; Hatch, James & Assoc.)	7N	13W	SW 1/4 11	Cu, Au, Ag, Fe	Spotty copper-gold mineralization in stringers and pockets, with strong hematite, along shears and fractures in a major shear zone cutting Precambrian metamorphics intruded by dioritic and granitic dikes.	Shaft operations. Prospected and mined from early 1900's to 1956, producing some 100 tons of ore averaging about 6% Cu, 1 oz. Au/T and 0.2 oz. Ag/T.	ABM file data
VI. Dome (Gila City) District (North end of Gila Mountains) Figure 8	8S	21W	---	Au, Ag, Marble, Cu-	1. Gold-bearing Quaternary gravels, up to 15 feet thick, in gulches, benches, and terraces over Tertiary sediments on a north-sloping pediment faulted against Mesozoic schist and gneiss of the mountain mass (T8S, R21W, secs. 10 through 12; protracted). Source of gold probably from numerous small and pockety, low-grade gold-quartz veins. 2. Zone of variable marble interbedded with schist and quartzite, about 150 feet wide, in metamorphosed Mesozoic sedimentary beds, crossing the north end of the Gila Mountains (T8S, R21W, secs. 12 through 15, protracted). Some relatively pure marble. 3. Spotty and weak oxidized copper and gold mineralization in irregular, lensing, quartz veins cutting metamorphosed Mesozoic sediments. McKay prospect (T8S, R21W, NE 1/4 sec. 13, protracted) and McPhaul prospect (T8S, R21W, N cen. sec. 14, protracted).	Mostly dry placer operations, worked mainly from 1858 to about 1865, and sporadically, on smaller scale, mainly from 1931-1943 and 1946-1950. Estimated and recorded production would be close to 26,000 ounces gold with about 1,200 ounces of silver. There has been very little production of marble or recorded production of copper or gold from the shallow prospects.	Wilson, 1933, p. 181-189, 200-201, 202-207, 208-210 Wilson, 1961, p. 18-21 Johnson, 1972, p. 67-69 ABM file data
VII. Eagle Tail District (Eagle Tail Mountains and Cemetery Ridge) Figure 2	2N- 1S	11W- 12W	---	Cu-, Pb-, Zn-, Au-, Ag-, Mn, Fe-, Ba-, actinolite asbestos	1. Spotty and weak, mostly oxidized, copper, lead, and zinc mineralization with some gold and silver values, in veins, veinlets, pods and disseminations with quartz, calcite, and barite gangue, in fissure and fracture zones cutting Cretaceous or Tertiary volcanics and Precambrian intrusive. Examples are Eagle Tail group or Golden State mine (T2N, R11W, NW 1/4 sec. 28, protracted) and Gentry Lead-Silver mine (T1N, R11W, N cen. 2, protracted).	Mostly shallow prospects. No recorded production of base and precious metals. About 40 tons of sorted 22% Mn ore produced in 1953. Actinolite asbestos not believed to be of commercial value.	Wilson, 1933, p. 142-143 Farnham & Stewart, 1958, p. 84 ABM file data

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✓ LITTLE GIANT MINE

YUMA COUNTY
CUNNINGHAM PASS DIST.

✓ Marvel Mining Co., ✓ Duncan Harrison, Supt.,
has taken over and will develop the Columbia
and Little Giant mines in the Cunningham Pass
area. Complete details not yet available.
This is a Radium ✓ King Enterprise.

2-16-59

T.P.LANE

Centroid Cons Co. (file)

✓
DASCO MINES CORP. 1957
67 W. Second St. FPK
Yuma, Arizona

✓ Harrison Doyle, Pres.
✓ Alfred Morgan, Mgr.

Mines: ✓ Doyle Vanadium (file)
✓ Little Giant (file)
✓ Doyle-Butler, Cu, Au, Bouse
✓ Doyle Mine, Mn (See
✓ Doyle-Smith Mn.) (file)
✓ Black Band, Wenden
✓ Little Cindy Group, U - Mohave Co.

See: Centroid Cons. Company (file)

GW, WR 10/6/77 - Mr. James, Phoenix came in looking for information on the Mett patented mine about 3 miles N. E. of the Bullard of which it was at one time a part. Mr. James had a copy of the surveyor's plat and a copy of the group as shown on the B. L. M. map; they didn't coincide. There is no file on the Mett but there is one on the Little Giant, an adjoining claim however, our Little Giant indicates it is located in Cunningham Pass some 10 miles west. He was finally advised to contact Bill Huthmacher in Wenden; Huthmacher once worked at the Bullard and surrounding properties.
a. p.

RRB WR 2/6/81: Mr. R.L. Hill, 960 Government Street, Mobile, Alabama 36604, called. He owns 48% of the Black Giant (Little Giant) west of Cunningham Pass, Yuma County. He says that there are 400 acres in all which were picked up when the Centroid Consolidated Mining Co. went bankrupt and that 78% is owned by people in Mobile. He reports that William Carter and a partner, both of Globe, have a mill at Globe and are interested in leasing the property. Later they would build a mill "about 60 miles" from the property. Mr. Hill was seeking information about Mr. Carter and his mill and general information as to the form of mineral leases.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine LITTLE GIANT MINE

Date October 23, 1957

District CUNNINGHAM PASS DISTRICT

Engineer Frank P. Knight

Subject:

LESSEES: Dudley E. Hemphill and Eldridge C. Beck.

OWNERS: Debe W. Hubbard and Stella Hubbard Drake.
Trustee: Merchants National Bank of Mobile, Ala.

Property: At Cunningham Pass, north of Wenden.

Claims: North Star, Little Gem #1, Anna Mae, Red Rose and Buck.
86 acres, patented.

Surface bulldozed to uncover rock. Abandoned diamond drill tripod near road with some granite gneiss core in box.

See map in "Centroid" file.

Idle.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine **LITTLE GIANT.**

Date **Jan. 15th., 1940.**

District **ELLSWORTH MINING DISTRICT.**

Engineer **ELGIN B. HOLT.**

Subject: **CONDITION AND POSSIBILITIES.**

The Little Giant group of claims lie in the Cunningham Pass section of the Ellsworth Mining District, Yuma County, Arizona about 12 miles north of the town of Wenden a station on the Santa Fe. R.R. It formerly belonged to the Black Giant Mining Co., an Arizona corporation controlled by Mobile Alabama people owning both the Black Giant and Little Giant ~~of~~ patented mining claims.

The Little Giant group of claims was recently bought in by Mobile parties at a bankruptcy sale.

The Little Giant group consist of several patented mining claims with the main development done on the Wisconsin claim. The development consists of a 200 foot inclined shaft on the vein and a few hundred feet of drifts and stopeing. Surface equipment, machinery and buildings have been either stolen or wrecked.

The ore occurs in a granite-gneiss formation the vein striking N.W. and S.E. and dipping N.E.

During the World War the Little Giant produced approximately \$70,000 in gold-copper ore down to the 200 foot level. On the 150 level cuprite copper running as high as 65% copper and carrying high gold values was mined. Most of the ore shipped was bornite and chalcocite running well in gold content.

There was considerable stopeing done. The ore that was produced was simply from the high grade streaks and development was not kept ahead of production. The ore in the Little Giant group of claims is similar to that of the other producers and that has produced approximately one million dollars in gold copper in ~~the~~ Critic mine to the west.

There are several parellel veins on the Little Giant group of claims that should be developed for ore.

A dyke running easterly and westerly thru the Wisconsin and cutting the NW and SE vein system has been proven ore bearing and should have some development done especially around the vein junctions.

The property lays in the heart of the productive area of Cunningham Pass, on a county maintained road, and the Parker-Phoenix power line runs right thru the property, making electric power available,

The several veins running thru the property parellel the vein system of the Critic, Bullard and Cuprite properties all producers of high grade gold-copper ore.

The development of the Little Giant property has proven the vein system to be productive of commercial ore and warrents further development and exploration.

The above information was furnished me by H. C. Reedall, Salome, Arizona.

Elgin B. Holt.