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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SUNNY-SOUTH MINING PROPERTIES

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 259C

LOCATION: TOWNSHIP 13 N RANGE 3 W SECTION 36 QUARTER NE
LATITUDE: N 34DEG 27MIN 52SEC LONGITUDE: W 112DEG 30MIN 59SEC
TOPO MAP NAME: WILHOIT - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
SILVER
GOLD

BIBLIOGRAPHY:
BLM MINING DISTRICT SHEET 247
ADMMR SILVER KNIGHT FILE SEE MAP
ADMMR SUNNY-SOUTH MINING PROPERTIES FILE
YAVAPAI MAGAZINE JUNE 1921 P 10
CLAIMS EXTEND INTO SEC. 25 & 31 T13N-R2W

SUNNY-SOUTH MINING PROPERTIES

YAVAPAI COUNTY
COPPER BASIN DIST.?

Recorders office at Prescott show that a William Clubb had this property in 1959.

E. G. WILLIAMS - 11-1962

See: SILVER KNIGHT file - report by IKE Kusisto

RRB WR 3/18/80: William Clubb, 326 West Alice Avenue, Phoenix 86021, was in to check file on Sunny South Mining Properties, nine miles southwest of Prescott, Yavapai County. He is now cleaning out old tunnels and workings preparatory to hiring an engineer to evaluate the properties. If feasible, he intends to reactivate mining operations.

RRB WR 10/3/80: Bill Clubb, 326 W. Alice, Phoenix, Arizona 88021, phone 943-9007, reports that he is trying to reopen the Sunny South, 8 miles south of Prescott, Yavapai County. He says he has samples of the dump running 30 to 40 oz/ton silver and from the mine running 75+ oz/ton silver. He has developed the following method to process the ore with the help of Dave Rabb: Crush to -1/4", grind and leach in ball mill and then agitation leach the sands and slimes separately. The silver will be precipitated from solution by the Merrill-Crowe or similar process. He expects to get 70% recovery. He is now building a 5,000 square foot concrete lined vat to contain tailings after neutralizing with chlorine.

RRB WR 12/5/80 - William Clubb of Sunny South Mining Properties, Copper Basin Dist. Yav. Co. reports that they have 5,000 tons of ore blocked out at a grade of 30 to 75 oz. of silver. Ore is galena and argentite in quartz. They have a pilot plant set up with the advice of Dave Rabb consisting of crushing, grinding, agitation leach and zinc precipitation. They expect 70% recovery.

RRB WR 3/27/81: Visited Bill Clubb at the Sunny South Mine, two patented claims mostly in the NE $\frac{1}{4}$ Sec. 36, T13N, R3W, Yavapai County. He reports that both Fischer-Watt and Cyprus are visiting the property.

RRB WR 6/12/81: Bill Clubb reported that his deal to sell the Sunny South, Yavapai County fell through and he now intends to operate it himself.

SUNNY-SOUTH MINING PROPERTIES

YAVAPAI CO.

RRB WR 5/8/81 - Bill Clubb reports that he thinks he has the Sunny South, Yav. Co. sold to Silver City Mines. Silver City Mines is a Nevada Co. with all the principals living in San Francisco.

S U N N Y - S O U T H
M I N I N G P R O P E R T I E S .

The Sunny South mining properties, consisting of two patented mining claims (38 1/2 acres), are located and situated about 9 miles southwest of Prescott, Yavapai County, Arizona. This property was located and mined as early as 1888.

The general formation is granite, but the lead or vein proper, is in a porphyry dyke that cuts the granite at great depth, and runs north and south, granite being both walls to this dyke; dips slightly to the east. The vein or lead proper is from 8 ft. to one or two ft., although near the surface along the vein the very rich ore will radiate out from the vein proper as rich feeders 10 or 20 ft. and much high-grade ore has been taken from these rich feeders and shipped in years past.

This is a silver mine, although some of the ore runs well in gold. It is known locally equal to any silver property that has ever been worked in this section. Up to within recent years, at a time when transportation was difficult to railroad, much of this ore was hauled by wagon 80 to 100 miles to find market, and all ore less than 70 to 100 ounces was left at the mine. I find smelter returns of these values on record here, about \$40,000 of such ore has been marketed. By looking at the accompanying plats No. 11, you will notice the small amount of superficial work that has been done to produce this amount of ore.

Open cuts, superficial shafts, surface gouging and under stoping (simply chloriding), has been done. The original owners being poor men who never did any systematic mining at all, but abstracted the ore that could be had the cheapest. The conditions at the present day have changed very materially. There will, within a few months, be a smelter within 30 miles of the mine. Seven dollars per ton freight should put the ore to the smelter, \$10.00 per ton should treat it, \$3.00 to \$5.00 per ton mine it, or \$20.00 to \$22.50 should be total charges against this ore per ton. There is quite a tonnage of ore now on the dumps that is estimated to assay from 40 to 70 ounces.

This property has the ear marks of making quite a valuable silver mine, especially the north shoot (Plat 11). As far as can be now determined, this shoot is from 100 to 300 feet in length, and only the top 30 to 60 feet been gouged, or under-stoped out. This work is badly caved and back-filled and cannot be seen, but it is stated that all this is in pay ore. The lay of the ground is such that a deeper drift can be run on the vein through this shoot. I consider this proposed new work justified; to explore the big ore body that has been worked above. All the geological conditions and present showing of ore, in this shoot, leads me to state that, in my judgment, this work will expose large and valuable ore bodies that will pay to mine to a profit.

There is at present, water running in Little Copper Creek, through the property. The south shoot should also product pay ore by moderate further work,

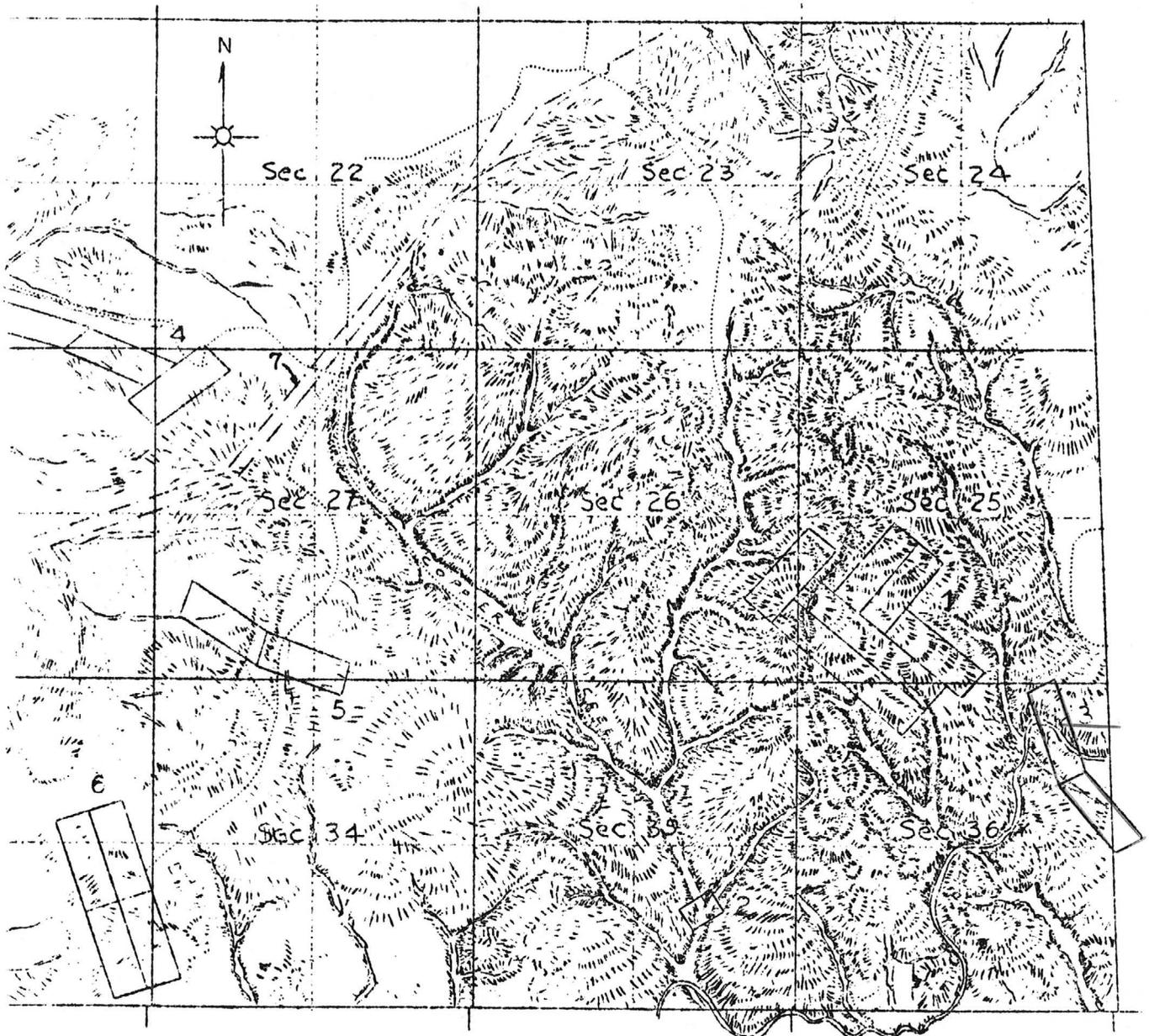
although I think the largest values are in the north shoot, by working the north shoot to the depth of the proposed new tunnel, then the tunnel on south shoot can be extended through both shoots and cut north shoot several hundred feet deeper. Very moderate timber will be needed for the mine; this can be had in the vicinity or lumber in 9 miles (Prescott).

The character of the ore is chloride galena, silver-glance and sulphurets in a quartz and lime matrix.

Cost of drifting \$5.50 to \$7.00 per foot; winze and shafts \$9.00 to \$12.00 per foot; uprising \$3.00 to \$4.00 per foot. Moderate water in sinking, but not enough to add greatly to expense. About 5000 ft. altitude. Can work to advantage every day in the year. This is a very worthy property, and by systematic and proper mining I feel sure should become a profitable producer.

(Signed) W. W. Lewis,

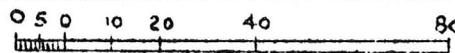
Mining Engineer.



MAP SKETCHED FROM INDEPENDENT RESURVEY TOWNSHIP NO. 13 NORTH, RANGE NO. 3 WEST, GILA AND SALT RIVER MERIDIAN PERTAINING TO MINERAL CLAIMS OF THE DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE, DENVER, COLO.

1. SILVER KNIGHT MINE (UNSURVEYED)
2. SILVER KNIGHT MILL SITE (UNSURVEYED)
3. SUNNY SOUTH MINE
4. PHELPS DODGE COMMERCIAL MINE (PART OF GROUP)
5. GRAND VIEW MINE CLAIMS
6. ORPHAN MINE GROUP
7. ELECTRIC TRANSMISSION LINE (ARIZONA POWER CO.)

SKETCH SHOWING MINES IN AREA OF SILVER KNIGHT MINE



DATE: JULY 5, 1948

SCALE, 40 CHAINS TO AN INCH