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02/23/95

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SUNSET MINING CLAIMS

ALTERNATE NAMES:

LA PAZ COUNTY MILS NUMBER: 786

LOCATION: TOWNSHIP 9 N RANGE 16 W SECTION 16 QUARTER S2
LATITUDE: N 34DEG 07MIN 24SEC LONGITUDE: W 113DEG 55MIN 54SEC
TOPO MAP NAME: SWANSEA - 15 MIN

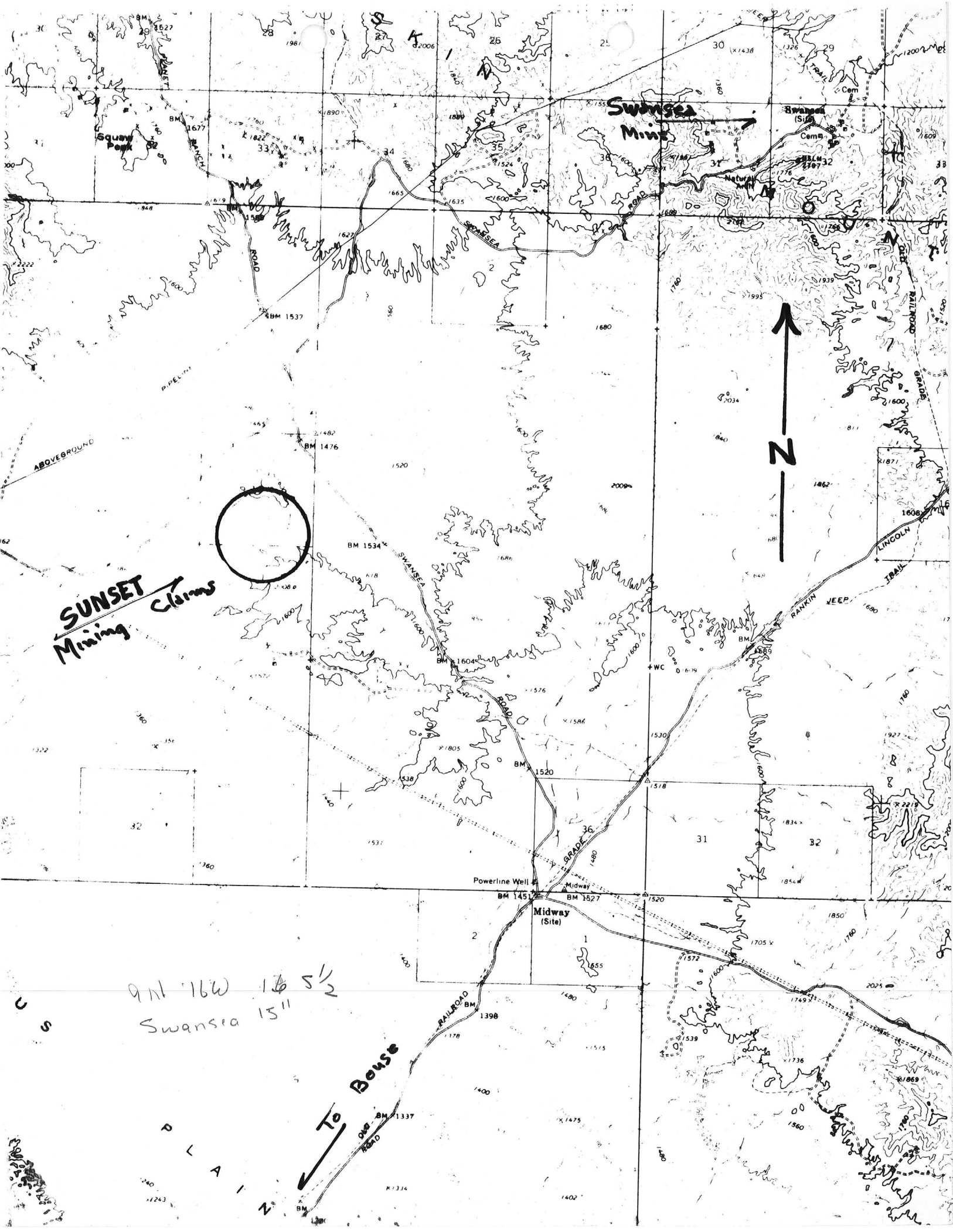
CURRENT STATUS: EXP PROSPECT

COMMODITY:

COPPER OXIDE
IRON

BIBLIOGRAPHY:

ADMMR SUNSET MINING CLAIMS FILE



Swansea Mine

SUNSET Mining Claims

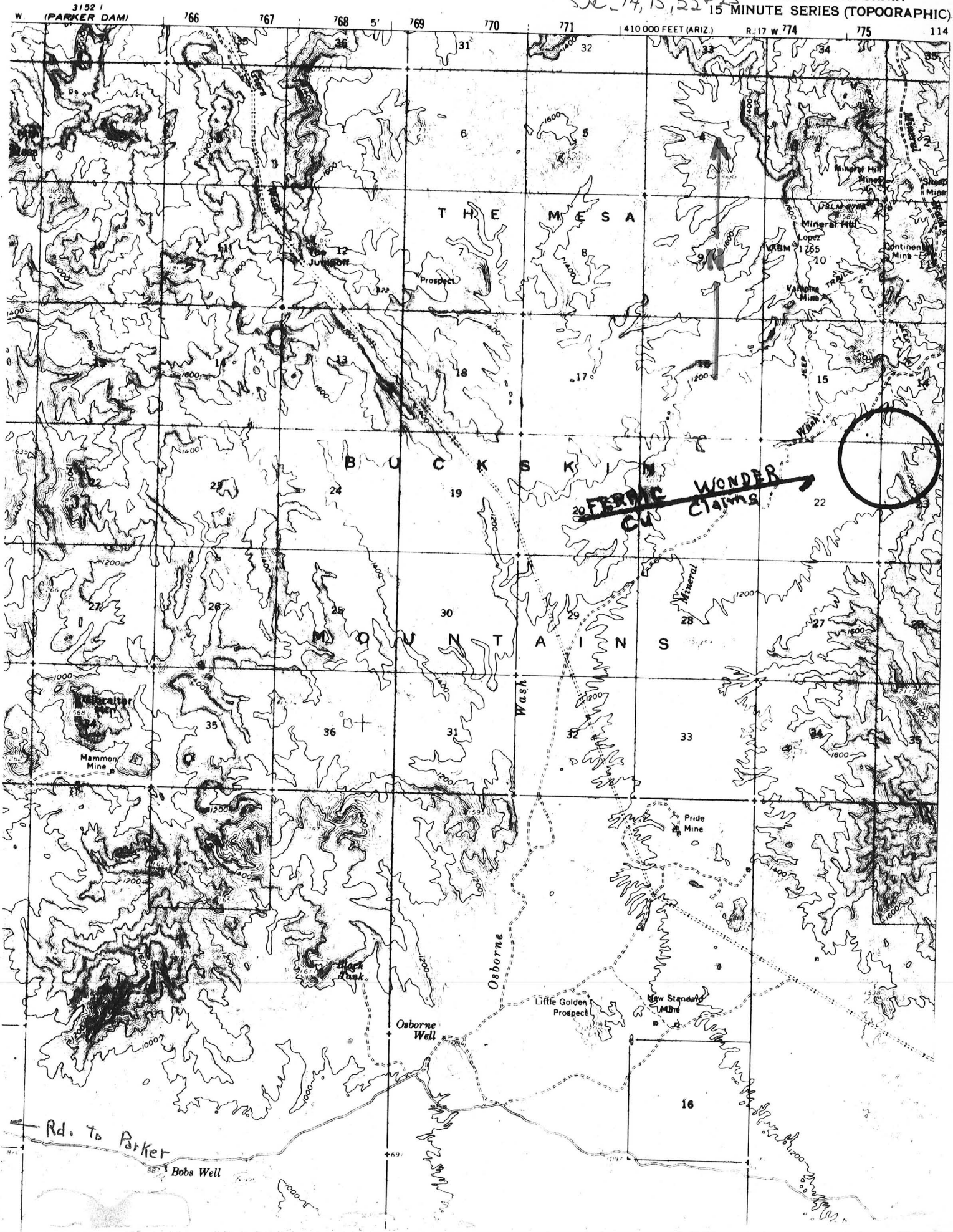
N

To Bouse

Midway (Site)

9N 16W 15 5 1/2
Swansea 15"

174 ON
SW 14, 15, 22, 23
BLACK PEAK QUADRANGLE
ARIZONA-CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)



MELVIN H. JONES

Mining Geologist

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RECONNAISSANCE GEOLOGICAL SURVEY OF THE SUNSET AND FERRIC
WONDER GROUPS OF COPPER CLAIMS, YUMA COUNTY, ARIZONA

Following the instructions of Mr. Howard S. Gable, Box 946 Kansas City, Missouri, 64141, the writer on November 11, 1972, examined the Sunset mining claims located 6 miles Southwest of the well known Swansea mine (near Bouse, Arizona), and the Ferric Wonder claims 18 miles North of Parker, Arizona just off the old Planet mine road. These claims are widely separated, but in Yuma County. To go to the Ferric Wonder claims from the Sunset claims, due to recent heavy rains (which made some roads impassable) we had to follow the power line road almost to Parker and then head North again, a distance in excess of 20 miles.

At Bouse, Arizona the writer found Mr. Elvin Reed, PO box 242, (Bouse) and we proceeded to the claims in Mr. Reed's vehicle. This individual says that he owns the mentioned claims along with Mr. Marvin Summerfield of Moab, Utah. He states there are 50 claims in the Sunset group and 27 claims in the Ferric Wonder group. When asked if he had a map of the claims, he said that Mr. Summerfield had a map in Moab and that he (Mr. Reed) did not have a copy.

GEOLOGY

At the Sunset claims, the bulk of the area is Quaternary alluvium, but at the North end there is a small mountain (part of the Buckskin Mountains) that is pre-Cambrian gneiss and schists. On the side of this mountain is an old shaft which is about 50 feet deep and a 1 foot vein of a quartzose rock carrying copper carbonates and oxides has a vertical dip and a East-West strike. There are several other ancient exploratory pits nearby showing a little copper. A grab sample was taken from the dump near the mentioned shaft and this carried .92% Cu (See attached assay report, item #2). For underground copper, of the vein type, this is very lean.

At the Ferric Wonder claims, the immediate area is Paleozoic undivided (probably between Permian and Pennsylvanian) quartzites and shales. The rocks in the vicinity of a small leaching plant (that failed some years ago) appear to the undersigned as Dacites. There is an old inclined shaft (about 75 feet depth) and many small exploratory pits near the road (Parker-Planet mine). Several small veins and fissures were noted that were scattered about, but relatively close together with quartzose rock in the intervening areas. All of the copper noted were carbonates and oxides but all samples show a high percentage of Hematite (specular) iron. A mill sample should be taken of the entire area on an open pit basis, to see if sufficient copper is present to justify this type of an operation. A composite grab sample was taken from the several fissures and veins and this showed an assay of 32.0% Cu and 14.95% Fe (see attached assay report, sample #3).

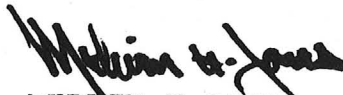
ECONOMIC CONSIDERATIONS

Concerning the Sunset claims, the picture presented is not good. But the claims are near the old Swansea Mine that shipped copper ore to England around the turn of the century, and it was moved to the Colorado River by wagon train, and then down the river by boat and on to England by ship. The region has a reputation of having both vein and disseminated copper and the Sunset claims are surrounded by claims taken out by other individuals. The Louisiana Land and mining company has a flock of claims to the North. I am told that the latter did some drilling. Also not far away to the North is the Northern Star mine where leaching operations were tried, unsuccessfully, a few years ago (I visited this mine some time previously). However, I am doubtful of the potential of the Sunset group. One way to find out would be by a drilling program and this would be expensive.

Relative to the Ferric wonder, the name of this group tells the story. Apparently, abundant copper of high content is available. The area is filled with copper claims, but Mr. Reed says that he can get 175 more? Several small leaching operations, and one large one, have tried and failed, mostly due to the high iron content. Even in the days when direct shipping ore was the normal method, the smelters would not accept this high iron ore. Now, if someone has a method of conquering this iron enigma in an inexpensive manner, then they can make a fortune in this area (known as Mineral Hills). I might mention that Powdered Minerals Corporation had a large operation about 2 miles from the Ferric Wonder claims, and gave it up. They had tremendous leaching vats and piped water several miles from the Ben Williams river with a large pumping plant and 6 inch pipe. I also visited this endeavor several years ago. Supposedly they had good engineering help, but they failed.

RECOMMENDATION

If someone comes up with a process to cheaply eliminate the iron problem with the copper ore, then claims in the Mineral Hill area will be most valuable.


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November 14, 1972

[illegible]**ASSAYER**