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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: TECTONIC MINE

ALTERNATE NAMES: MCGOON PROPERTY TECTONIC MINING CO PROPERTY

GILA COUNTY MILS NUMBER: 423

LOCATION: TOWNSHIP 9 N RANGE 9 E SECTION 28 QUARTER N2 LATITUDE: N 34DEG 06MIN 03SEC LONGITUDE: W 111DEG 26MIN 26SEC TOPO MAP NAME: MAZATZAL PEAK - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY: COPPER

BIBLIOGRAPHY: ADMMR TECTONIC MINE FILE



Wm Diemunsch 515 E Wilson Ave. Glendale, Calif. 91206

December 5,1968



Chamber Of Commerce Payson, Arizona.

Gentlemen:

Some years ago I received from Mr. D.O.McGoon Jr. a report on a mine located in your district. At the time I was unable to make use of the offer to lease said mine incorporated in that report. However. I am now connected with people who are vitally interested in the exploration of low grade copper prospects who warrant extensive diamond core drilling and eventual production of a copper mine.

I had written to Mr. McGoon given your city as his address; apparently the gentleman has moved since the letter has been returned to me.

I am now writing to you in the hope that you may be able to tell me if Mr. McGoon's mine is still available. If not, perh aps you can give names of people whoycopper mines (or others) available for lease; or have such people contact me, complete with reports on mines which they are holding for lease or purchase.

Thanking you for your efforts, I remain

Respectfully yours

LEPARTMENT OF MINERAL RESOURCES STATE OF ARIZONA FIELD ENGINEERS REPORT

TECTONIC MINE · Mine (TECTONIC MINING COMPANY)

July 15, 1957 Date

District Mazatzal, Gila County

Lewis A. Smith Engineer

Visit to property

Subject:

their Field Eng., The Tectonic Mining Company's prospect was visited with Doug McGoon, / Payson, Ariz., June 5, 1957. This lies 5 miles due west of Rye, along Eisenhauer Creek on the east face of the Mazatzal Mountains, in unsurveyed ground.

Development work consists of a switch back system of Cat roads to set up diamond drill sites over a geophysical anomaly.

The owner's now plan a limited diamond drill program based on the presence of anomaly and upon fairly favorable oxidized capping. The area to be tested is about 500' wide and 750' long in a roughly elliptical shape.

The geology consists of a shattered greenstone which has been intensely sheared in parallel. These shears lie between a diorite porphyry intrusion, to the northwest, and a rhyolite porphyry dyke on the south. These shears tend to converge toward the east. The greenstone has been intensely shattered by conjugate fracturing which was pre-shear in age. Both the conjugate fracturing and the shearing appear to have been pre-mineral. Southeast of the rhyolite porphyry dyke is a strong pyritic mineralization with some copper intimately mixed with the pyrite.

The limonites, which are both in fracture⁵ and disseminated specks. A large part of the limonite is indigenous and migration of iron appears to have been local. The concentration of limonite is strong. The presence of some "seal brown" limonite is indicative of chalcopyrite or pyrite with some chalcocite. The following sketch shows a plan and section of the occurrence. Near the top of the section brochantite occurs as "halo crusts" lining the original sulphide cavaties. Lower than the area in question some fine chalcocite and cuprite shows in a bulldozer cut.

