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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LITTLE COPPER

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 234B

LOCATION: TOWNSHIP 12.5N RANGE 3 W SECTION 24 QUARTER --
LATITUDE: N 34DEG 26MIN 57SEC LONGITUDE: W 112DEG 31MIN 12SEC
TOPO MAP NAME: WILHOIT - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

COPPER SULFIDE

SILVER

GOLD

BIBLIOGRAPHY:

USGS WILHOIT QUAD

BLM MINING DISTRICT SHEET 266

ADMMR LITTLE COPPER FILE

FIELD EXPLORATION

" E.B.Fischer" Prospect

*Full
Copper
File*

Date of Examination:- April 18, 1966

Location:-

In Sec.24 T12 $\frac{1}{2}$ N R3W. Yavapai County, Arizona.
On Little Copper Creek about 11 miles southwest of Prescott on paved Highway 89 and thence one mile down a poor dirt road leading down Little Copper Creek.

Property:-

Two patented claims, -"Little Copper No.1" and "Little Copper No.3". Owned by E.B.Fischer of Prescott, Arizona.

Geology:-

The country rock is Bradshaw granite, locally gneissic.

Deposit:-

The gneissic rock over an area of 20 or 30 acres has been sparsely mineralized with quartz, occurring as stringers and veinlets carrying very minor amounts of pyrite, chalcopyrite and molybdenite. Two chip samples taken at random over the surface returned nil to traces of gold and silver and copper. A chip sample of a 10' adit tunnel returned no gold or silver and 0.06% copper. A chip sample of a brownish breccia which occurs in isolated spots in the gneiss returned 0.04 oz. of gold, trace of silver, and 0.20% copper. At one point water seeping out of a spring near the bottom of the canyon deposited a very fine flocculent bluish-green precipitate which assayed 4.20% copper. This is a rather peculiar occurrence and it was partly responsible for my making an examination.

Development consists of several short adits 10' to 20' long and shallow pits now caved and probably not over 15' deep.

Discussion:-

There is evidence that someone had fairly recently made a geophysical survey of the area using I.P.methods. Mr.Fischer stated that this was done without his knowledge and he was of the impression that it was carried out by a geologist employed by Bear Creek Exploration. A large area quite similar in surface appearance situated about a mile south of these claims was located a couple of years ago by Phelps-Dodge and was rather thoroughly explored by geophysical work followed by diamond drilling. The claims have since apparently been abandoned.

Conclusion and/or Recommendation:-

The hope held on Fischer's claims was that the quartz veinlets and seams with sparse sulphides would carry enough gold and silver in addition to the copper to raise the dollar value to a point where a small open pit might be justified.

Only a drilling program could give the final answer as to overall grade below the zone of leaching but the surface and near-surface showing is so poor that such a program does't seem to be justified and is'nt recommended.

J. Gibbs