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PRINTED: 07-06-2006

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: PFESTER CLAIMS

ALTERNATE NAMES:
SCORPION GROUP

PINAL COUNTY MILS NUMBER: 400

LOCATION: TOWNSHIP 5 S RANGE 14 E SECTION 36 QUARTER E2
LATITUDE: N 32DEG 57MIN 17SEC LONGITUDE: W 110DEG 51MIN 33SEC
TOPO MAP NAME: WINKELMAN - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
LEAD
SILVER
COPPER

BIBLIOGRAPHY:
ADMMR PFESTER CLAIMS FILE
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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Pfester Claims

Mine ~~Pfester Claim~~

Date 5-22-58

Pinal County

District Ripsey (Sec. 31-36, T5S; R14-15 E)

Engineer Lewis A. Smith

Subject: Mine Visitation

Property: 10 claims across Smith Wash 4 miles west and thence 3 miles south of Winkelman, 2 miles SE of Crosier Peak on the north slope of the Tortilla Mountains.

Pfester 604

Owners: Paul ~~Pfester~~, Box ~~39~~, Mammoth, Arizona

✓ Frank Tapia

Work: 2 shallow shafts (15' plus or minus), two or three short adits, plus several location shafts.

Access: The property is reached by a dirt road which leaves the Winkelman to Mammoth Highway 1/4 mile south of the Gila River bridge and thence runs northwest for 4 1/2 miles parallel to the Gila River to the mouth of Smith Wash, and thence southwestward for three miles. The last three miles is in the bottom of Smith Wash and is entirely unimproved.

Geology: The geology consists of a series of steeply dipping pre-Cambrian rocks, probably of the Apache series. From north to south these consist of a partly recrystallized and variable bedded quartzite; an indurated and shattered schist (Pinal?); a recrystallized limestone locally intruded by red granite, diabase and andesite porphyry. The granite appears to have intruded the limestone and schist at an early period and it has produced a fairly wide (a few hundred of feet) contact metamorphic zone along the limestone schist contact. Narrow diabasic intrusions have entered the limestone and schist as dikes and sills, the latter being most prevalent. Some copper, in limited areas, is possibly associated with the diabasic intrusions. The contact metamorphism, which marbled and garnetized the limestone, appears to be pre-mineral in age. The andesite porphyry (?) intrusive (measured roughly at 400-450 feet in thickness) did not produce notable contact action and is later than the granite intrusive. It appears to be a sill. It has probably produced the lead-silver showings south of the Pfiester Group. Quartz and epidotization are evident in the vicinity of the lead occurrences. Since exposures were meager, it was not possible to determine whether the deposits were replacements in the limestone or a combination of replacement and quartz silicification along the andesite-porphyry contact. Further work was recommended along this zone. Since the area is at a considerable distance from the main copper mineralization locus of the Ray-Superior-Globe-Miami area, it is unlikely that strong copper deposits are to be expected. However, it is not unlikely that the lead showing could develop, particularly since it is in an area adjacent to a lead-silver mineralization locus. Zonally, also, it is best to consider the lead silver possibilities. In conclusion it can be stated that the probability of large deposits is undeterminate without a more detailed study of the region than was possible in a half day's visit. The formations generally strike about N 30°W and vary in dip from 50° to vertical.