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Arizona Department of Mines and Mineral Resources Mining Collection

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07/01/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SMOCK CLAIMS

ALTERNATE NAMES:

PINAL COUNTY MILS NUMBER: 180

LOCATION: TOWNSHIP 2 S RANGE 12 E SECTION 30 QUARTER C
LATITUDE: N 33DEG 13MIN 40SEC LONGITUDE: W 111DEG 09MIN 20SEC
TOPO MAP NAME: MINERAL MTN - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

GOLD
SILVER
COPPER
LEAD
ZINC

BIBLIOGRAPHY:

ADMMR SMOCK CLAIMS
SEE: ADMMR OKLAHOMA GROUP FILE (SILVER BAR
MINE REPORT, P. 12)

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine SMOCK CLAIMS

Date October 28, 1957

District MARTINEZ CANYON, PINAL COUNTY

Engineer Lewis A. Smith

Subject:

SMOCK CLAIMS: T2S, R12E, Sec. 30, NW side of Picket Post Mountain, 6 miles SE of Superior.

OWNER: A. C. Smock, Superior, Arizona.

OPERATORS: Joe Spray and Henry Tomerlin, both of Superior.

AGENT: Joe Spray, Lobb Ave. Superior, Arizona.

Claims: Six patented claims.

Minerals: Gold, silver, copper, lead and zinc.

Principal Values: Lead, and silver with local lenses or pockets of gold ore.

Geology: Rhyolitic and dacitic flows cut by andesite porphyry dike. The andesite-porphyry dike appears to be the source of the mineralization. The veins are nearly parallel to the dike, and are combined breccia and filling. The filling is calcite and some quartz and a little fluorite and barite. These fractures strike about N45 - 50°W and dip east or west at steep angles, and are of variable widths throughout the strike length. Ore shoots localized by cross slips or minor transverse faults. Overall mineralization is similar to the Silver-Bell Martinez and Reyner Mines, further to the south. High grade gold bearing quartz stringers or lenses are found in isolated spots. Average samples indicate about 8oz. silver, 2% lead and a few dollars in gold. Zinc and copper values appear at the bottom of a 40 foot shaft. Several cuts cross the veins and some trenching was done.

The present operators plan to do some further work by deepening the shaft or by drilling.

*Smock Mine (John Smock Owner) 8oz Ag, 2% Pb.
Joe Spray, Lobb Ave, Superior } Leases. Gold spots
Partner Henry*

*NW side of Picket Post Mtn. Pioneer Dist.
6 Claims.*

Fractures in rhyolite and dacite. Veins breccia type adjacent to andesite (?) porphyry dike.

SE-NW strike + steep dip.

Calcite, quartz, barite gangue.

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