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05/11/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SHADDOW MOUNTAIN CLAIMS

ALTERNATE NAMES:

LA PAZ COUNTY MILS NUMBER: 257

LOCATION: TOWNSHIP 4 N RANGE 19 W SECTION 31 QUARTER NW
LATITUDE: N 33DEG 39MIN 06SEC LONGITUDE: W 114DEG 15MIN 40SEC
TOPO MAP NAME: MIDDLE CAMP MTN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
GOLD LODE

BIBLIOGRAPHY:
AZBM FILE DATA
ADMMR SHADDOW MOUNTAIN CLAIMS FILE

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORTmailed 11/1/65
no replyMine ^{II} SHADOW MOUNTAIN CLAIMS

Date 10/13/65

FILED

District LA PAZ-QUARTZSITE DIST. YUMA CO.

Engineer Lewis A. Smith

NOV 18 1965

Subject: Visit 10/13/65 with H. G. Hubbard (Lambeth was away)

LOCATION: NW $\frac{1}{4}$ Sec- 31, T4N, R19W.
NE $\frac{1}{4}$ Sec- 36, T4N, R20W.

OWNER: Robert Lambeth, Quartzsite.
(J. B. Lambeth (Robert's Uncle) owns the claim West of the Shaddow Mtn.)
Both Claims cover the same vein structure.

PROPERTY: Shaddow Mountain Claim, unpatented.

Work: The work consists of an adit and two inclined shafts on a quartz vein, at the west end, and probably covered by J. B. Lambeth, and two adits and some lateral work, on the east end, and on the Shaddow Mtn. On the west end, the adit is 175 feet long in a nearly EW direction and on the vein hangingwall. Shaft No. 1 is 100 feet west of the adit portal and inclines approximately 50 deg. N to a depth of 125 feet. The second incline No. 2, is in the footwall close to the adit portal and this is approximately 150 feet and has the same pitch as the No. 1 shaft. On the Shaddow Mountain Claim the two adits are in the vein, and about 60-70 feet apart. The length of the adits is over 100 feet each.

METAL: Gold.

GEOLOGY: According to the Yuma Co. Geological Map, the vein lies in a steep butte-like hill that is $3\frac{1}{2}$ miles long and 2 miles wide. Where the vein crosses the NW portion of the hill consists of biotite granite (on the W) and schist (to the east and overlying the granite). The vein is exposed for over 2000 feet, two thirds of which is in granite. It varies from one to several feet wide, part of which is white, vuggy quartz and limonite (largely yellow) with some siderite and a little MnO₂ and the rest is brecciated country rock. The quartz sometimes favors the hangingwall side which has a strong wall. The breccia is partly cemented by limonite and calcite as well as the quartz. Some early-day production was reported, but no figures are available. The vein trends from EW to about N65-70 deg. E and dips 50-60 deg. N-NW.

The schist in this area consists of amphibolitic, quartz-mica, and sericite types