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05/11/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: RAINBOW & TOP SIL CLAIMS

ALTERNATE NAMES:

TOP SIL

LA PAZ COUNTY MILS NUMBER: 245

LOCATION: TOWNSHIP 2 N RANGE 20 W SECTION 22 QUARTER C  
LATITUDE: N 33DEG 30MIN 08SEC LONGITUDE: W 114DEG 18MIN 44SEC  
TOPO MAP NAME: CUNNINGHAM MTN - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

GOLD LODE  
SILVER  
COPPER OXIDE  
COPPER SULFIDE  
SILICON SILICA FLUX

BIBLIOGRAPHY:

AZBM FILE DATA  
ADMMR RAINBOW & TOP SIL CLAIMS FILE

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

*Ray Thompson  
revised to  
2/25/66  
No Reply*

Mine RAINBOW & TOP SIL CLAIMS Date 2/10/66  
District LA PAZ-QUARTZSITE (Dome Rock Mtns) Yuma Engineer LEWIS A. SMITH  
Subject: Mine Visit with Ray Thompson, Quartzsite 2/10/66

LOCATION: T2N, R20W, approx S-22.

PROPERTY: 2 Claims.

OWNER: Ray Thompson, etal, Box 16, Quartzsite, ( Henry Hubbard and John Lamberth)

MINERALS: Gold, Silver, some copper and Hg.

WORK: The deposit is developed by two shafts; (1) a 12-foot shaft and a 25-foot drift off the bottom. (2) Present work is in two open cuts, one of which is about 60 feet long and 2 to 4½ feet deep.

GEOLOGY: The deposit is a quartz lode, trending about E-W and varying considerably in width (pinches and swells) and dipping steeply to vertical. The quartz lode nearly parallels the schistosity in strike but dips much steeper. The schist laminae dip about 45°S or SW. The exposed portion of the lode is about 120-150 feet along the strike. The quartz seems to feather out to the north along small cross fractures, and where the small fractures intersect the vein, the vein seems to swell into a lens or shoot. The quartz is white, dense and contains veinlets, seams and blebs of siderite and limonite and sporadic copper stained areas or pockets some of which show a few tons. The copper minerals are chrysocolla, malachite, cuprite and some chalcocite. According to Thompson, one pocket assayed 33% copper with some silver. The quartz also pans some gold. Some sampling is in order and this was outlined. No data is available as to the depth of the deposit and surface condition did not shed much light on this problem. A general grab at the pocket of a footwall of the vein in the open cut showed \$54.80 in total value (according to Thompson).