

1550 0008

PROPERTY NAME: Blue Bird Claims

OTHER NAMES: Don Dale Mine

MINERAL COMMODITY(IES): Ag, Pb, Cu

TYPE OF DEPOSIT: Vein

ACCESSIBILITY: See map, road good

OWNERSHIP: Unknown

PRODUCTION: 200 tons ore

HISTORY: Organized 1945, prior had been included in
Tempiute District, mines older

County: Lincoln

Mining District: Don Dale

AMS Sheet: Caliente

Quad Sheet: White Blotch Springs 15'

Sec. 34, T 4S, R 55E

Coordinate (UTM):

North 4 1 5 6 4 7 5 m

East 0 6 0 8 4 0 0 m

Zone +11

DEVELOPMENT: Single partially caved, several surface cuts/prospect pits in vicinity, dozer scrapings (assessment work?) along east and west facing slopes of canyon, road maintained (probably due to microwave site on ridge)

ACTIVITY AT TIME OF EXAMINATION: None, last claim notice date 1964.

GEOLOGY: Adit located in micaceous, bluish-green to grey shale (lower unit of Pioche Shale, 6?) thinly bedded, fissile, following hornfelsic zone, (approximately 3 feet wide), adjacent to quartz porphyry intrusive. Porphyry bleached and argillically altered with most mafics gone. Intrusive and shale units highly fractured and altered. Prospect Mountain Quartzite observed in float. Mineralization appears to be confined to intrusive and consists of pyrite, chalcopyrite, and probably tetrahedrite. No mineralization was observed in the shale. All rocks were heavily stained with iron and manganese oxides. Post-mineralization silica coated rock surfaces.* Approximately 50 yards west of main adit a very minor surface cut was sampled. Surface scrapings revealed quartz vein cutting quartzite. Very fine grained pyrite, chalcopyrite, and galena/tetrahedrite were finely disseminated in the quartzite and vein. Rocks highly fractured and FeOx stained. Quartz vein is estimated 8 feet wide, unable to determine attitude due to overlying alluvium/soils. Vein sacchroidal, vuggy, lined with euhedral quartz crystals.

* Very fine sprays of malachite coat exposed rock surfaces and fill fine fractures of the porphyry. Ore on dump was slightly gossany. Shale and quartzite breccia observed on dump.

** Hydrothermal

REMARKS: Sample Site 1468 Adit
1469 Quartz vein

REFERENCES:

EXAMINER: Smith/Bentz

DATE VISITED: October 5, 1983