0240 0007

(22) Item 7

PROPERTY NAME: Quo Vadis Mine Area

OTHER NAMES:

MINERAL COMMODITY(IES): Au, Barite

TYPE OF DEPOSIT: Vein

ACCESSIBILITY: See map, road good

OWNERSHIP: Unknown

PRODUCTION: Less than $35,000

HISTORY: Property first worked 1915 and made small shipments in the 1930's.

County: Clark

Mining District: Alunite (RR Pass)

AMS Sheet: Kingman

Quad Sheet: Boulder City NW 7.5

Sec. 13 18, T 23S 23S, R 62E 63E

Coordinate (UTM): See Below

North m

East m

Zone +11

DEVELOPMENT: Several shafts and adits, with abundant peripheral surface workings

ACTIVITY AT TIME OF EXAMINATION: None, but older workings recently (within last 3 years) show evidence of surface examination

GEOLOGY: Mine site consists of two areas, minor workings on the eastern side of the ridge where samples 1323 and 1324 were taken. Workings following a N10-20W trending, vertical to easterly dipping fault. Host rock light to dark grey andesite. Fault trace appears to separate a downdropped block of andesite (Tertiary) on the east side from a Tertiary quartz biotite monzonite pluton on the west side. Breccia from the fault is cemented with cockscomb quartz with abundant open spacing. The breccia is heavily FeOx stained and the fragments exhibit milling. Up to 3 inch wide barite veins occur in the breccia, and are coated with abundant malachite, and have pyrite ghosts. The westerly workings, which are the main ones, have been recently dozed, trenched, and generally scraped over. The main workings follow a prominent north-south trending fault zone with abundant shearing on both sides for several hundred feet. A secondary set of shears trend due E-W with curved surfaces turning northward. The host rock is a slightly porphyritic quartz monzonite with extensive brecciation. Cementin is by cockscomb quartz with FeOx staining surfaces and in clots within the quartz. Pinkish feldspars (andularia?) occurs in the monzonite. Barite and calcite occur as veinlets and clots within the monzonite. Alterations include propylitization, argillic, alunization, and some silicification.

REMARKS: Sample Site

1323	3980025N	0681025E	
1324	3980150N	XXXXXXXX	0681000E
1325A	3980075N	0681725E	
B	3980125N	0681660E	

REFERENCES: USGS GQ Map 1395, NBMG Bulletin 62

EXAMINER: Smith

DATE VISITED: November 19, 1982