

1300 0017
PROPERTY NAME: Luck Mine (Patented)
OTHER NAMES:
MINERAL COMMODITY(IES): Au
TYPE OF DEPOSIT: Vein
ACCESSIBILITY: See map, road fairly good
OWNERSHIP: Unknown
PRODUCTION: Small
HISTORY: Unknown

(25) Item 17
County: Clark
Mining District: Crescent
AMS Sheet: Kingman
Quad Sheet: Crescent Peak 15
Sec. 23, T 28S, R 61E
Coordinate (UTM):
North 3 9 2 9 2 0 0 m
East 0 6 6 9 8 0 0 m
Zone +11

DEVELOPMENT: What is shown to be a few prospect pits has been entirely obliterated by open pitting, bull dozing, leach pads, new (and very good) roads, all within the last 5 years

ACTIVITY AT TIME OF EXAMINATION: None, but very recent surface workings have scraped off the top of the ridge

GEOLOGY: Workings are along the top of a ridge of dioritic gneiss (?) PG, which is highly fractured, FeOx stained, and cut with veins and stringers of quartz. Veins approximately 1-2 inches, vertical to moderate south dip, appears to be stockwork veining. Gneiss shows varying degree of metamorphism, from very fine grained, almost schist, to plagioclase-biotite augen gneiss. Argillic and chloritic alteration occur on exposed surfaces. Gneiss has been abundantly sheared. South of workings and one mile north of Crescent Peak is a prominent outcropping of a pegmatite dike, covering several acres. Perthitic feldspar and graphic granite occur, along with books of muscovite several feet across and in rosettes. Shipments have been made in the 1920's. Beryl had been reported, but none was found the day it was field inspected. Other pegmatite veins outcrop on the southern side of the Crescent Peak.

REMARKS: Sample 1320

Patented Survey #2774

REFERENCES: USGS PP 275, & USGS Bulletin 1082-D, NBMG Bulletin 62

EXAMINER: Smith

DATE VISITED: November 18, 1982