

0450 0039

(228) Item 39

PROPERTY NAME: Grand Junction

County: Nye

OTHER NAMES:

Mining District: Bare Mountain

MINERAL COMMODITY(IES): Au?, Ag?

AMS Sheet: Death Valley

TYPE OF DEPOSIT: Vein

Quad Sheet: Bare Mountain 15'

ACCESSIBILITY: See map, road poor, ends in canyon

Sec. Uns. T 13S R 48E

OWNERSHIP: James Cayugue

Coordinate (UTM):

Livermore CA 11/78

North 4 0 7 3 6 0 0 m

PRODUCTION: None

East 0 5 3 0 7 5 0 m

HISTORY: Unknown

Zone +11

DEVELOPMENT: Several vertical shafts, shallow, filled with water, remains of old equipment further up canyon, drill roads on either side of canyon

ACTIVITY AT TIME OF EXAMINATION: None, but area had been extensively drilled, probably in 1981

GEOLOGY: Workings are exploratory shafts and drill pads in the Cambrian Johnnie Formation and are on either side of a East-west trending thrust fault, upper plate on the south side of the canyon. Workings explore vertical, N45E trending shear zone, filled with iron stained quartz vein material. Host rock banded quartzite, beds vertical, strike E-W, massive quartz veins follow bedding planes, with stringers and pods of quartz interspersed in beds. Quartzite weathered like dolomite, suggesting quartzite had limestone/dolomite interbeds. Sample site 1021 had greater degree of Fe-Mn staining than 1020. Quartz vein carries pyrite ghosts and is slightly gossany. Sericite was observed on quartz vein surface. Secondary silica coats quartzite surface. Vein shows post-emplacement fracturing

REMARKS: Sample Site 1020, 1021

REFERENCES:

EXAMINER: Smith

DATE VISITED: April 20, 1982