

1000 0000

PROPERTY NAME: Judy Claims

OTHER NAMES: \_\_\_\_\_

MINERAL COMMODITY(IES): BaTYPE OF DEPOSIT: Vein

ACCESSIBILITY: \_\_\_\_\_

OWNERSHIP: Gale G. PeerPRODUCTION: +1,000 - 25,000 tons

HISTORY: \_\_\_\_\_

County: Elko  
Mining District: Cave CreekAMS Sheet: ElkoQuad Sheet: Sherman Mtn. 15'  
SE/4Sec. 10, T 26N, R 57E

Coordinate (UTM):

North 4,444,700.0 mEast 0,625,500.0 mZone +11DEVELOPMENT: 400' long cut trending N25E. Some drillingACTIVITY AT TIME OF EXAMINATION: Inactive.GEOLOGY: Moderately south dipping dolomites of Devonian age host the vein deposit.

Replacement has occurred incompletely & irregularly in a roughly stratiform zone within a grey, fetid, sugary dolomite. The stratigraphic thickness of the zone is about 85' (assuming a 20° dip). Barite occurs as high-grade masses, veinlets & irregular bodies roughly conformable to bedding. Barite usually does not make up more than 1/10th of the exposed rock, & some areas contain none. High-angle faults cut the exposure, one of these terminates the mineralization at the north end of the pit.

Leaching of the overlying dolomites has caused cavernous structures in the rocks.

Low & high grade material from this site contain unreplaced dolomite, with the low-grade material also containing calcite. FeOxs are rare in both types.

REMARKS: Sample 504.REFERENCES: Information from Papke, K., to be published in NBMG Bull., Barite Deposits in Nevada

Papke, K. (by Bentz, J.)

EXAMINER: \_\_\_\_\_

DATE VISITED: 9/80