

4980 0004

PROPERTY NAME: Brown Sugar Claims

OTHER NAMES: _____

MINERAL COMMODITY(IES): BaTYPE OF DEPOSIT: Vein

ACCESSIBILITY: _____

OWNERSHIP: A.W. Arnold & AssociatedPRODUCTION: EST 1-1,000 tons

HISTORY: _____

County: ElkoMining District: UnionAMS Sheet: WinnemuccaQuad Sheet: Mineral Hill 15'

E/2 NE/4

Sec. 20, T 27N, R 53E

Coordinate (UTM):

North 4 4 5 0 9 5 0 mEast 0 5 8 4 3 5 0 mZone +11DEVELOPMENT: Several shallow pits, trenching & drilling.ACTIVITY AT TIME OF EXAMINATION: Inactive.

GEOLOGY: Barite veins replace dolomites of probable Devonian age. The best exposed vein has a strike length of about 500'. The zone the vein occupies strikes about N-S & has a steep dip. Irregular bodies of jasperoid parallel the zone & these too contain white barite crystals & veinlets. The exposed bedding of the sediments more or less conforms with the observed vein orientation.

The barite-rich zone is exposed in several cuts & trenches. The zone appears to be about 20' thick & contains masses of purer barite, sometimes accounting for up to 50% of the volume of exposed rocks.

The barite is white to grey & contains minor FeOxs & quartz.

REMARKS: Sample 505REFERENCES: Information from Papke, K., to be published in NBMG Bull., Barite Deposits in Nevada.

Papke, K. (by Bentz, J.)

8/81

EXAMINER: _____

DATE VISITED: _____