

0370 0006

PROPERTY NAME: Buffalo Hump Mine Area

OTHER NAMES: _____

MINERAL COMMODITY(IES): _____

TYPE OF DEPOSIT: Mineralized fault zone

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

near ⑥ Item 8

County: ChurchillMining District: AspenAMS Sheet: MillettQuad Sheet: Buffalo Summit 7½'Sec. Uns. T 15N R 37E

Coordinate (UTM):

North 4 3 3 4 6 8 5 mEast 0 4 3 2 1 5 0 m

Zone _____

DEVELOPMENT: An adit (N40W) caved at portal. Est. 30m of working (photo 4), two adits on the opposite (N) side of hill (S40W & S50E), one caved; est. 50-100m of workings. Numerous bulldozer cuts. A shaft symbol 300 m W on topo map is very shallow (not visited).

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: The workings appear to attempt to explore a fault zone in Tertiary lithic-vitric rhyolite ash-flow tuff. From limited surface exposure. This fault may trend N50W, 50°SW? There appears to be a fault breccia zone 8-10m? wide. Sparse, finely crystalline gray quartz matter coats breccia fragments and occurs as sparse 1mm -1cm veinlets. The rock is locally silicified but argillic alteration is common within the fault zone. Drusy quartz on breccia fragments is often coated with supergene limonite. The probable trend of the mineralized zone is different than that observed underground by Wilden and Speed(1974).

REMARKS: Photo #5 R2 of adit, south side of hill 6896. Sample 423 is select vein? matter from this dump.

REFERENCES: Wilden, R. and Speed, R.C. (1974) Geology and mineral deposits of Churchill County, Nevada: Nevada Bureau of Mines and Geology Bull. 83, p. 68-71.

EXAMINER: L. J. GarsideDATE VISITED: 27 Aug 81