

0320 0011
PROPERTY NAME: Miller Mine

OTHER NAMES: D.A.

MINERAL COMMODITY(IES): Ba, Zn?

TYPE OF DEPOSIT: Bedded

ACCESSIBILITY:

OWNERSHIP: Private land owned by Milchem, Inc.

PRODUCTION: +250,000 - 1,000,000 tons

HISTORY:

County: Lander

Mining District: Argenta

AMS Sheet: Winnemucca

Quad Sheet: Dunphy 15'

N-C

Sec. 25, T 31N, R 46E

Coordinate (UTM):

North 4 4 8 6 8 5 0 m

East 0 5 2 2 2 5 0 m

Zone +11

DEVELOPMENT: A sinuous open pit, & one smaller pit at the NW

ACTIVITY AT TIME OF EXAMINATION: Reactivated in 1980.

GEOLOGY: Bedded barite occurs in cherts, argillites & limestones of the Devonian Slaven chert. The barite units & country rock dip E-SE at 25-55°. Mitchell, 1977, shows three or more conformable barite lenses occupying a stratigraphic interval of about 100'; each body is approximately 10-35' thick & may have a strike length up to 650'. The pit exposures are poor due to water & alluvial cover, but in places the host rocks are folded, faulted, Fe-stained & slightly altered.

Papke, mentions the presence of dark yellow-orange layers or masses in the chert & barite which are composed of zinc-bearing goethite material probably derived from pyrite-rich sulfides. Several olivine diabase dikes cut the country mineralized rock.

The barite is thin bedded or laminated & fine-grained.

REMARKS:

Mitchell, A.W, 1977 Geology of bedded barite deposits, N-CNV: MS Thesis, UNR

REFERENCES: Information from Papke, K., to be published in NBMG Bull., Barite Deposits in NV.

Papke, K. (by Bentz, J.)

EXAMINER:

DATE VISITED:

11/78