

0490 0002
PROPERTY NAME: Lakes Mine
OTHER NAMES: Jones Marvel, Estabrook
MINERAL COMMODITY(IES): Ba
TYPE OF DEPOSIT: Bedded

ACCESSIBILITY:

OWNERSHIP: The area is controlled by Eisenman Chemical Co.
(now Barite Mining, Inc.).

PRODUCTION: 250,000 to 1,000,000 tons.

HISTORY:

County: Elko
Mining District: Beaver

AMS Sheet: McDermitt

Quad Sheet: Lake Mountain 7 1/2'
S-C

Sec. 36, T 38N, R 51E

Coordinate (UTM):

North 4 5 5 3 8 5 0 m
East 0 5 6 7 7 4 0 m
Zone +11

DEVELOPMENT: Open pit with additional stripping on the S & SW. Expanded pit is 2,000' in width.
A jig plant was built in 1980 to upgrade the ore.

ACTIVITY AT TIME OF EXAMINATION: Active.

GEOLOGY: Barite occurs with chert, mudstones & shales of the Ordovician Vinini Fm. The Paleozoics are overlain by Tertiary unwelded tuffs. Bedding attitudes are variable as the rocks are sheared & brecciated. The sediments are altered to sericite & Fe-stained. The barite probably occurs within a single unit which is about 30' thick. Portions of this unit are brecciated, Fe-stained & coated by clays. The barite-rich material is grey & fine-grained. Some of the material is bleached & contains barite veinlets & vugs. A new deposit of barite was reportedly discovered by drilling SW of the old pit.

REMARKS:

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

EXAMINER: Papke, K. (by Bentz, J.)

DATE VISITED: 8/80 & 8/81