

0680 0003

PROPERTY NAME: Queen Lode Claims

OTHER NAMES:

MINERAL COMMODITY(IES): Ba

TYPE OF DEPOSIT: Bedded

ACCESSIBILITY:

OWNERSHIP: Patented claims owned by NL Industries, Inc.

PRODUCTION: +25,000 - 100,000 tons

HISTORY:

County: Elko ⁽⁴³⁾ Ham 3

Mining District: Bootstrap

AMS Sheet: McDermitt

Quad Sheet: Santa Renia Fields

W-C 7 1/2'

Sec. 27, T 37N, R 49E

Coordinate (UTM):

North 4 5 4 4 8 5 0 m

East 0 5 4 8 0 0 0 m

Zone +11

DEVELOPMENT: 2 adjacent, shallow pits. Some drilling has been done

ACTIVITY AT TIME OF EXAMINATION: Active mine.

GEOLOGY: The barite occurs with chert, siltstone & shale of the Ordovician Vinini Fm.

The barite is found in one thick & several thin units. The best exposure of the units is in the pits. The lower part of the thick unit strikes N-NE & dips 60°W. ✓ The exact thickness of the unit could not be determined, but exceeds 20'. Conglomerate & breccia are associated with the barite units. Also, shale & chert are present in the barite unit & barite has replaced some of the beds. Contacts with the sediments are generally sharp.

The barite is grey, fetid & laminated or very thin bedded. Sericite occurs along fractures with the barite which also contains a small amount of quartz. Some bryozoa(?) have been replaced by barite.

Sample 524.

REMARKS: [INSERT ABOVE] The upper part is complexly folded.

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

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

DATE VISITED: 11/80