

0680 0004

PROPERTY NAME: Rossi  
OTHER NAMES: Sage Hen Group  
MINERAL COMMODITY(IES): Ba  
TYPE OF DEPOSIT: Bedded  
ACCESSIBILITY:  
OWNERSHIP: Patented claims owned by NL Industries, Inc.  
PRODUCTION: +1,000 to 2,000,000 tons  
HISTORY: 1st claims located by Tony Rossi & Carlo Cereghino.

(45)

County: Elko Item 4  
Mining District: Bootstrap  
AMS Sheet: McDermitt  
Quad Sheet: Santa Renia Fields 7 1  
SE/4  
Sec. 15, T 37N, R 49E  
NW/4 S22  
Coordinate (UTM):  
North 4 5 4 7 1 0 0 m  
East 0 5 4 8 0 8 0 m  
Zone +11

DEVELOPMENT: 6 open pits over a strike length of 4,000'. Lesser exploration in surrounding areas

ACTIVITY AT TIME OF EXAMINATION: 2 active pits & jigging plant.

GEOLOGY: The barite occurs with chert of the Ordovician Vinini Fm. The barite is exposed in a NE-SW direction over a strike length of 6,000'. Other strike directions were observed, possibly due to folding & faulting. The barite & chert generally dip 60° NW. The deposit is unusually continuous & uniform. The sediments are overlain by volcanic tuffs & argillized dikes intrude both barite & chert. The chert & barite are generally conformable. The chert is generally unaltered, but in places is altered to clay, sericite & FeOxs & is sheared.

Several units of barite are found in the active pits, with one main unit reaching a maximum thickness of 40'. Variations in thickness may be due to faulting, which is common in the Rossi area, or natural sedimentary processes. Usually, a main unit is accompanied by several smaller ones forming a barite horizon.

The barite is grey, uniform, fetid & not visibly bedded. The material is broken, Fe-stained & has an exceptionally high specific gravity.

REMARKS: Sample 523.

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

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

DATE VISITED: 11/80