

2420 0022

PROPERTY NAME: Taylor Canyon  
 OTHER NAMES: Fantastic, Abes' Canyon  
 MINERAL COMMODITY(IES): Ba  
 TYPE OF DEPOSIT: Bedded  
 ACCESSIBILITY: \_\_\_\_\_  
 OWNERSHIP: Private land owned by Charles Van Norman Operators=  
Petro - Chem, Inc.  
 PRODUCTION: 25,000 - 100,000 tons.  
 HISTORY: \_\_\_\_\_

County: Elko (79-A)  
Item 22  
 Mining District: Burns Basin  
 AMS Sheet: McDermitt  
 Quad Sheet: Tuscarora 15'  
E 72  
 Sec. 14, T 39N, R 52E  
 Coordinate (UTM):  
 North 4 5 6 9 12 10 10 m  
 East 0 1 5 7 15 18 15 10 m  
 Zone +11

DEVELOPMENT: Five pits, the largest being 500' in length.

ACTIVITY AT TIME OF EXAMINATION: Some Drilling + construction of jig plant.

GEOLOGY: Barite units occur in all 5 pits within black cherts, argillites, mudstones & shales of the Valmy Fm. of Ordovician age. The rocks are extensively faulted & in part, heavily Fe-stained. Sericite occurs on bedding plane surfaces. Organic material is present in the argillites.

The barite bodies range in thickness from 5-12' & the bodies are generally discontinuous because of faulting.

The barite bodies contain beds of sedimentary rocks. Near faults the barite-rich material is somewhat bleached.

The barite contains H<sub>2</sub>S & organic matter, & is slightly Fe-stained. Quartz is present interstitially.

REMARKS: \_\_\_\_\_

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

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

DATE VISITED: 8/81