1470 0018

PROPERTY NAME: Ed

OTHER NAMES:

MINERAL COMMODITY(IES): Hectorite (Lithium montmorillonite)

TYPE OF DEPOSIT: Sedimentary - Hot Spring source?

ACCESSIBILITY: Fair accessibility by drill roads.

OWNERSHIP: Claims owned by J. M. Huber Corp., Macon, GA

PRODUCTION: None.

HISTORY: Discovery of clays by drilling in 1983, 1984 and perhaps earlier.

Item 19 (38)

County: ~~Winnemucca~~ Humboldt

Mining District: ~~Opalite~~ Disaster

AMS Sheet: Vya

Quad Sheet: Disaster Peak 15'

Sec. Unsur. 24, T 45N, R 34E

Coordinate (UTM):

North 4 6 2 3 7 0 0 m

East 0 4 0 8 4 0 0 m

Zone +11

DEVELOPMENT: Exploration by abundant drill holes and 3 shallow trenches.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Drilled on 100-foot spacing in area about 0.4 mi. long N-S and 0.2 mi wide; wider spaced drilling elsewhere in this vicinity. Target is flat-lying, probably lensy bodies of hectorite, a lithuim-bearing white montmorillonite clay prized for its high plasticity and viscosity in liquids. Thickness, extent, and tonnage of hectorite is unknown. There are no outcrops in area, but inferred extent of the clay-bearing sedimentary unit is given by Rytuba and Glanzman.

Material in 2713 is pure, white highly plastic montmorillonite clay (but not hectorite) from a trench east of main road. Most of the material in this trench is light-grey clays and sandy clays dipping about 15°E; one thin layers contains algal balls.

Sample 2713 is from a 2" thick bed in this section.

REMARKS:

REFERENCES: Rytuba, J.J., and Glanzman, R.K., 1978, Relation of mercury uranium, and lithium deposits to the McDermitt Caldera complex, Nevada - Oregon U.S. Geological Survey open file 78-926, 31 p.

EXAMINER: Keith G. Papke

DATE VISITED: 9/13/84