

3340 0007

PROPERTY NAME: Crystal Placer

OTHER NAMES: _____

MINERAL COMMODITY(IES): GypsumTYPE OF DEPOSIT: Marine evaporiteACCESSIBILITY: Accessible by road; locked gateOWNERSHIP: Crystal Placer & Crystal Placer No. 1 located 1979
by Gottschalk.PRODUCTION: Unknown; small.HISTORY: Unknown. Crushing, screening plant on property
indicates active in last few years.County: PershingMining District: MuttleburyAMS Sheet: LovelockQuad Sheet: Lovelock 15'Sec. 34, T 27N, R 32E

Coordinate (UTM):

North 4 4 4 16 4 2 5 mEast 0 13 18 13 18 2 5 mZone +11DEVELOPMENT: In canyon bottom irregular shallow pit about 100' pit with face up to 20' high on
NW. To east bulldozed area 350' by 150'.ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: The bedded gypsum occurs in rocks of Jurassic age. The unit shows considerable distortion in the mined and bulldozed areas and other outcrops. In the pit area the beds generally strike about N45°E and dip 10°NW. The thickness of the unit could not be estimated. Adjacent rocks are limestone. In the pit the gypsum is poorly bedded with bedding 1 to 4" thick. The gypsum is white to very light gray, weathers slightly darker, sugary (<1 mm), mostly friable, and fairly uniform. X-ray diffraction of sample 002702 shows gypsum, moderate amount of calcite, small amount of montmorillonite, and trace amounts of quartz and mica.

REMARKS: Better and more accessible gypsum is present in the vicinity. This material is better than that in Section 35, a half mile east.

REFERENCES: _____

EXAMINER: Keith G. PapkeDATE VISITED: 9/10/84