

0260 0011

PROPERTY NAME: Majuba Hills MineOTHER NAMES: Tin MineMINERAL COMMODITY(IES): Ag, Au, Cu, Arsenopyrite, TinTYPE OF DEPOSIT: Hydrothermal, Replacement, SupergeneACCESSIBILITY: Good road to the bottom of mountainOWNERSHIP: Jumbo Mining Comp.Seabrook Texas.PRODUCTION: Shipments of copper, Arsenic/silver and tin.HISTORY: Discovered in the early 1900's and mined  
intermittently until 1945.County: PershingMining District: AntelopeAMS Sheet: LovelockQuad Sheet: Majuba Mtn 7½Sec. 2, T 32N, R 31E

Coordinate (UTM):

North 4 5 0 2 9 2 0 mEast 0 3 7 5 8 1 0 mZone (267)  
Item 11DEVELOPMENT: The mine was developed on three levels at different altitudes with  
almost all the ore coming from 2000 feet of workings on the middle level.ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Majuba Mountain is a mass of repeated rhyolite intrusives forming complex  
ores as breccias, replacement and supergene enrichment. The principle ore  
are copper and tin with by products of gold, silver and lead. Currently the  
mine is closed although it looks in fair condition. Most of the copper ore  
is composed of the secondary sulfide mineral chalcocite with smaller amount  
of chalcopyrite and pyrite along fissures in faulted rhyolites and as replacement  
of rhyolite and breccias. Cassiterite, the only tin mineral found at  
Majuba Mountain was discovered in cassiterite-bearing float on the hill in  
1907. It was not until 1917 that tin was found underground. It was found  
a small volume on the middle level in a rubbly, vuggy breccia in the zone  
of supergene enrichment of copper. Between 1942 and 1945, 350 tons of 2-  
4 percent tin ore were mined from this level and from on stope. Sample  
2844 was collected from the middle level dumps and consisted of rhyolite  
breccia with a matrix of Pb, Ag, Au (?) and tin.

Sample 2846 was collected from the western side of the mountain from  
shear zones bearing N 20°W, that consisted of a silicified breccia and  
sulfides of unknown description. Access to the workings is by foot as are  
all the workings on the westside of the district.

Sample 2844 and 2846

Photo's 13, 15 and 16

REMARKS: The NURE report on the Lovelock Quadrangle reported a Uranium Occurrence  
on the 2nd level adit on the south face of Majuba Hill, about 600-800 feet  
from the mouth of second level adit. They also reported a 3 foot wide zone  
of 0.30% U<sub>3</sub>O<sub>8</sub> in a copper chute area which was mined out earlier with the  
copper. During their investigations they sampled two sites within the mine  
2nd level that ran 165 and 179ppm U<sub>3</sub>O<sub>8</sub> respectively. The samples were MEX 07  
MEX 074.

REFERENCES: EXAMINER: Jack QuadeDATE VISITED: 9-14-84