

PROPERTY NAME: Gayer-Moo? Property **2270 0009**  
OTHER NAMES: Plymouth? Property  
MINERAL COMMODITY(IES): Hg  
TYPE OF DEPOSIT: Mineralized fault?  
ACCESSIBILITY: \_\_\_\_\_  
OWNERSHIP: \_\_\_\_\_  
PRODUCTION: Minor or None.  
HISTORY: \_\_\_\_\_

County: Humboldt **(130)**  
Mining District: Harmony **Item 9**  
AMS Sheet: Winnemucca  
Quad Sheet: Winnemucca **East 7 1/2**  
NW/4 NW/4 SW/4  
Sec. 1, T 35N, R 38E  
Coordinate (UTM):  
North 41513116160 m  
East 0141414151715 m  
Zone 11

DEVELOPMENT: Several very short adits and prospect pits.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Very sparse cinnabar occurs with limonite and sparse quartz vein matter in a rhyolite dike which cuts quartzite and grit of the Cambrian Harmony Formation. A N10W, 40NE fault zone is explored in one working in rhyolite but no limonite or cinnabar was noted along the structure at the portal; thus, it may not be the source of mineralized material on the dump. The gouge zone of the fault is about 50 cm wide. Workings to the east, near the creek, are in strongly brecciated quartzite, which is iron-stained. The structure at these workings may be an east-trending fault breccia zone, although poor exposures make extrapolation difficult. The Harmony is locally strongly brecciated on the hilltop north of the prospects. Some prospects are probably in Valmy Formation, according to Gilluly (1967). The property is near a thrust fault, shown on Gilluly's map, which separates upper plate Valmy Formation (Ordovician) from lower plate Harmony Formation.

REMARKS: Photo LG 842-15 is of a dump of rhyolite, sample, and hammer. Sample 2323 is of limonite -encrusted rhyolite and sparse quartz vein matter. Only 2 pieces of sample have visible cinnabar.

REFERENCES: Willden, (1964)  
Gilluly, James (1967) Geologic map of the Winnemucca quadrangle, Pershing and Humboldt Counties, Nevada: U.S. Geological Survey Map GQ-656  
EXAMINER: L.J. Garside DATE VISITED: 28 Jul 84