

3250 0007  
PROPERTY NAME: Mount Tobin Mine

OTHER NAMES: Friday Claims

MINERAL COMMODITY(IES): Hg

TYPE OF DEPOSIT:

ACCESSIBILITY: Poor.

OWNERSHIP: Keith N. Meador, Reno, NV (1984)

PRODUCTION:

HISTORY:

County: Pershing Item 9

Mining District: Mount Tobin

AMS Sheet: Winnemucca

Quad Sheet: Mt. Tobin 15'

NE/4

Sec. 1 T 28N R 39E

Coordinate (UTM):

North 4 4 6 4 3 2 5 m

East 0 4 5 4 7 2 5 m

Zone 11

DEVELOPMENT: Numerous adits, a large glory hole. Most workings are caved. Some parts of a rotary kiln and two old trailers are on the site.

ACTIVITY AT TIME OF EXAMINATION: None. Some 1984 assessment work.

GEOLOGY: The main mineralized zone appears to be a N10E, approximately 45SE fault zone in chert pebble conglomerate, probably the Triassic China Mountain Formation. The fault zone is over 10 m wide, consisting of a zone of crushed and brecciated rock. Painty cinnabar occurs in the hanging wall of this crush zone in the glory hole along the fault. The workings have post mine, white, powdery, efflorescent minerals (melanterite?); sulfur and iron hydroxide is precipitating from acid mine water from one adit (photo LG 842-19). Iron oxide minerals are locally common, and the altered areas in the China Mountain are commonly a color anomaly of red and cream in otherwise brownish outcrops and soils.

The Red Robin claim, at a shaft symbol in SE/4 S1, T28N, R39E, consists of a shallow shaft or pit on an argillized East-West? fault zone in conglomerate and pebbly siltstone(?)

The rocks of the Koipato Group (including the China Mountain Formation) underlie Tertiary basaltic andesite. Above? the andesite is red to bluff, crystal rhyolite ignimbrite.

MINESearch 1984-85 ANNUAL STATES THAT 11 TOBIN CLAIMS STAKED BY EQUINOX RESOURCES LTD. LIE ON THE OLD TOBIN MERCURY MINE AND ARE BEING EXPLORED FOR GOLD ASSOCIATED WITH SOME PATHFINDER ELEMENTS. 1985 RECONNAISSANCE SOIL AND ROCK SAMPLING YIELDED INDICATIONS OF PATHFINDER ELEMENTS ASSOCIATED WITH GOLD MINERALIZATION (AS, HG, SB), AND MORE GEOCHEM AND GEOLOGICAL WORK WAS SCHEDULED FOR THE 1985 SEASON. BLM SHOWS NO RECORD OF EQUINOX, BUT SHOWS THE TOBIN CLAIMS AS HAVING BEEN STAKED 6/85 BY BEATY GEOLOGICAL, INC..>

REMARKS: Photo 17 is of a small retort along the Golconda Creek road in NW/4 S10, T28N, R39E. Photo LG 842-18 is of the dumps of the Mount Tobin Mine. Sample 2326 is select fault breccia with cinnabar.

REFERENCES: Johnson, M.J. (1977) Geology and Mineral Deposits of Pershing County, Nevada: Nevada Bureau of Mines and Geology Bulletin 89, p.73.

MINESearch ANNUAL 1984-85, VOL. VII, P. 446-447, METALS ECONOMICS GROUP, BOULDER, CO.

EXAMINER: L.J. Garside

DATE VISITED: 11 Sep 84