

0450 0022

PROPERTY NAME: Sterling Mine
OTHER NAMES: Diamond Queen

MINERAL COMMODITY(IES): Au

TYPE OF DEPOSIT: vein/breccia? Contact replacement?

ACCESSIBILITY: See Map - Roads good

OWNERSHIP: Saga Exploration Co.
Winnemucca

James Bosley Mgr.

PRODUCTION: Currently in production for Au, 10,000 tons

HISTORY: feldspar mined since 1958.

(228) Item 22

County: Nye

Bare Mtn.

Mining District: Death Valley

AMS Sheet: Bare Mtn. 15'

Quad Sheet:

Sec. Uns., T 13S, R 48E

Coordinate (UTM):

North 4 0 7 5 8 4 5 m

East 0 5 3 2 2 0 0 m

Zone +11

DEVELOPMENT: See below

ACTIVITY AT TIME OF EXAMINATION: Activity mining, milling, leaching.

GEOLOGY: What is shown to be several adits and pits on map is now a series of small open pits trending N-S on the East facing side of Bare Mtn. Range. To the South active mining (open pitted) for Au. Crushing and leaching operation at mouth of canyon. Mine in Napah Fm. (G) light to medium grey LS/dolomite w/stringers calcite, LS weathered to dirty brown. In open pitted area LS in contact with highly altered bleached, FeOx-Mn stained rhyolite intrusive(Q, plag, and K-Spars, and mafics leached) with some chloritization. Contact between LS & intrusive brecciated (very fine grained) cemented with recrystallized LS and deep purple, fine grained euhedral fluorite. Some fluorite has white, ancicular, radiating inclusions (Resembles Stibiconite). Minor gossan abounds and the intrusive is heavily FeOx stained. Main workings appear to be along N-S trending thrust fault with surface shear zone following no general pattern.

REMARKS: Sample 1013
1014

REFERENCES:

EXAMINER: Smith

DATE VISITED: 3/18/82