

4820 0019

(103)

PROPERTY NAME: Sample Site 1193

OTHER NAMES: \_\_\_\_\_

MINERAL COMMODITY(IES): Au, W?

TYPE OF DEPOSIT: Vein, Skarn

ACCESSIBILITY: See map, road good

OWNERSHIP: Unknown

PRODUCTION: Small to none

HISTORY: Unknown

County: Esmeralda Jan 24

Mining District: Tokop

AMS Sheet: Goldfield

Quad Sheet: Gold Point 7 1/2'

Sec. 7 T 8S R 42E

Coordinate (UTM):

North 4 1 2 4 0 1 0 m

East 0 4 7 3 6 9 0 m

Zone +11

DEVELOPMENT: 2 vertical shafts, several surface cuts, workings appear to be exploratory

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Workings follow a N60E contact between Quartz monzonite (Sylvania Pluton, Tertiary-Jurassic) and the bedded sediments of the Wyman Formation (P6). Along the contact the sediment are metamorphosed to crystalline garnet-epidote tectite, hornfels, schist with schistosity decreasing away from the intrusive. Locally the sediments are silicified. The pluton is very fine grained at the contact with crystals increasing in size away from contact. Quartz vein appears to have followed the contact, open spacing, stained with oxidized sulfides, gossany, boxworks, at least 2 stages of silica flooding. Euhedral quartz crystals line open spaces and are coated with mammillary halite. Minor specularite. Suspect outcrop of Wyman Formation to be roof pendent, surrounded by pluton.

REMARKS: Sample Site 1193

REFERENCES: \_\_\_\_\_

EXAMINER: Smith/Bentz

DATE VISITED: May 7, 1983