

2110 0020

PROPERTY NAME: North Star ClaimsOTHER NAMES: Ora Mae (?)MINERAL COMMODITY(IES): Au, AgTYPE OF DEPOSIT: Vein, Skarn?ACCESSIBILITY: See map, road fairOWNERSHIP: UnknownPRODUCTION: UnknownHISTORY: UnknownCounty: Esmeralda Item 20Mining District: Gold PointAMS Sheet: GoldfieldQuad Sheet: Gold Point SW 7 1/2'Sec. 13, T 7S, R 41E

Coordinate (UTM):

North 4 1 3 1 9 5 0 mEast 0 4 6 5 7 0 0 mZone +11

DEVELOPMENT: Originally several shafts and adits, area has recently (within last 2-3 years) been extensively explored, surface and subsurface, in addition to extensive exploration along entire valley

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: What is shown to be 3 adits and 1 shaft, has now been extensive explored and excavated, in addition to extensive workings above older site. Workings appear to be following contact between the Sylvania Pluton (Tertiary-Jurassic) and the Wyman Formation (PG). Intrusive quartz monzonite, along southwestern contact appears almost as an alaskite cut with massive and stringers quartz veins. Wyman at this site is thinly bedded, limestone and silicious sediments, with no discernible metamorphism along the contact with the pluton. Rocks, however, are sheared and fractured parallel to the contact. The contact at this point strikes N25W, with a NE dip. The sediments strike N30E. The quartz veins are white, massive, some of which is brecciated and cemented with hematite stained silica. Intergrown in the quartz is massive siderite which also helps to cement the quartz breccia. The vein carries clots of chalcopyrite, pyrite, tetrahedrite (?), galena, all fresh and oxidized. Secondary copper minerals (malachite, bronchantite,) coats the surfaces and fill vugs.

REMARKS: Sample Site 1300

REFERENCES:

EXAMINER:

Smith/BentzDATE VISITED: May 9, 1983