

4820 0030

PROPERTY NAME: Long Shot Claims

OTHER NAMES:

MINERAL COMMODITY(IES): Au, Ag, Sulfides

TYPE OF DEPOSIT: Vein

ACCESSIBILITY: See map, jeep trail good

OWNERSHIP: Unknown

PRODUCTION: Unknown, probably reportable

HISTORY: Unknown

County: Esmeralda 11/1/37

Mining District: Tokop

AMS Sheet: Goldfield

Quad Sheet: Gold Point 7 1/2

Sec. 2, T 8S, R 41E

Coordinate (UTM):

North 4 1 2 5 2 6 0

East 0 4 7 0 4 8 0

Zone +11

DEVELOPMENT: Series inclined shafts

ACTIVITY AT TIME OF EXAMINATION: None, but recently extensively excavated and explored
One shaft virtually open pitted, however, small

GEOLOGY: Workings are in a series of south-dipping, alternating granitic and mafic dikes, ranging from a few inches, to over 2 feet. Abundant sulfide bearing quartz vein was found on dump, but none was observed in outcrop. Some of vein almost pegmatitic. Vein carried clots of galena with intergrown sphalerite, pyrite, tetrahedrite, and minor chalcopyrite. Abundant malachite and other copper alteration minerals coat surfaces and along fractures. The vein is highly fractured and sheared with open spaces coated with chalcedony. Yellow oxides coat surfaces (SbOx?). (Possibly instead of alternating dikes, granitic dikes intruded along bedding planes of silicious rocks, metamorphosing them to biotite schist?). Whatever, the intrusions are related to the Sylvania Pluton, Tertiary-Jurassic.

REMARKS: Sample Site 1199
1200

REFERENCES:

EXAMINER: Smith/Bentz

DATE VISITED: May 7, 1983