

4960 6023

PROPERTY NAME: Unknown Prospect #1
 OTHER NAMES: Proximate stope and adit are called Gold Reef
 MINERAL COMMODITY(IES): ?
 TYPE OF DEPOSIT: Shears in volcanic? or hypabyssal intrusive
 ACCESSIBILITY:

OWNERSHIP: Gold Reef, Lu Larson, N. Combs work done 1981-1982.
 This is also in the Ophir claim block.

PRODUCTION:

HISTORY:

(256) Item 27

County: Nye
 Mining District: Twin River
 AMS Sheet: Tonopah
 Quad Sheet: Toiyabe Peak 7½'
 Sec. ? T 13N R 42E?

Coordinate (UTM):

North 4 3 1 1 0 8 0 m
 East 0 4 7 1 8 5 0 m
 Zone +11

DEVELOPMENT: 1-30' stope connecting with N10W adit in sheared volcanic shaft where sample taken is 30' deep. Above it a N-S prospect explores shear. Lots of trenching and sampling # stakes.

ACTIVITY AT TIME OF EXAMINATION: Area is staked some trenching which looks very recent, maybe assessment work, also older looking trenches, possible for geochem sampling.

GEOLOGY: A lot of trenches to the E of workings are extensive. They are in quartzite metapelitic alluvium. Gold Reef stope and adit explore an East dipping shear zone in volcanic rocks. Some very recent trenching to E of old workings.

Sample location 776 explores a N20W 50SW oxidized and fractured zone in a light blue-grey sericitized intermediate? volcanic rock. The shaft explores same rock type but does not appear to follow structure unless it intercepts it. At depth. Both workings are in resistant outcrop of Fe-stained, fractured and jointed altered volcanic with silicified groundmass, mafics completely oxidized and weathered and kaolinized or sericitized plagioclastic phenos.

The outcrop shows a # of low ~~X~~ shears, minor in scale with brecciated host rock and some pyrite ghosts and oxidized crystals. The shears are flat lying and undulatory a joint system in the rocks is planar but dips moderately to the E.

A quartzite?, silicified cement and FeOx breccia was found on the dump and included in the sample. Sample shows pyrite ghosts and pockets of sericite.

Feldspars are replaced by sericite in volcanic samples.

Sample 776 - Sericitized volcanic, quartzite? silicified breccia, FeOx and pyrite ghost Photos.

REMARKS:

REFERENCES:

EXAMINER: Bentz

DATE VISITED: 10/4/81