

4960 0024

(256) Item 28

PROPERTY NAME: Ophir claims (block)

OTHER NAMES: Gold Reef claims (on workings across road to s. of

MINERAL COMMODITY(IES): Ag?, Au?, F? Sample location)

TYPE OF DEPOSIT: Shears in volcanic? or hypabyssal intrusive
Quartz veins?

ACCESSIBILITY:

OWNERSHIP: Ophir claim block-- Gold reef (nearby stope & adit)
Lu Larson, N. Combs work done in 1981-1982.

PRODUCTION: Unknown

HISTORY: Unknown

County: Nye

Mining District: Twin River

AMS Sheet: Tonopah

Quad Sheet: Toiyabe Peak 7½'

Sec. Unsurv. 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: At Gold Reef claims a 30' deep stope connects with a N10W striking adit in sheared volcanic. Shaft where sample taken is ~30' deep. Above it is a N-S prospect which explores shear.

ACTIVITY AT TIME OF EXAMINATION: Area is staked and has some very recent, large trenches, which may be assessment work or for geochem. Many extensive trenches located E of sam. loc. Also some older trenches noted.

GEOLOGY: At sample location 776 a shaft and open prospect explore a N20W, 50SW striking oxidized and fractured zone in a light blue-grey, sericitized intermediate volcanic ? rock or subintrusive. The shaft does not appear to follow the structure unless it intercepts it at depth. Both workings are in a resistant outcrop of Fe-stained, fractured and jointed altered volcanic with silic groundmass, oxidized mafics, and kaolinized or sericitized plagioclastic phenos.

The outcrop shows a number of low shears which are minor in scale. The host rock is brecciated and contains some pyrite ghosts and oxidized crystals. The shears are flat lying and undulatory. A system of joints is developed which dips to the E.

Quartzite? breccia with silicified FeOx was found on dump and included in sample. Sample shows pyrite ghosts and pockets of sericite. Feldspars are replaced by sericite.

Extensive trenches to E of sample location are in quartzite and metapelitic alluvium. Dump rock shows some fluorite coatings and possible quartz vein material.

Sample 776- Sericitized volcanic, quartie, silicified breccia with FeOx and ghosts of pyrite.
Photos.

REMARKS:

REFERENCES:

EXAMINER: Bentz

DATE VISITED: 10/4/81