

1370 0020

PROPERTY NAME: Sample location 1748

OTHER NAMES: _____

MINERAL COMMODITY(IES): Au?, Ag?TYPE OF DEPOSIT: Intrusive contact, fault

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: LincolnMining District: DelamarAMS Sheet: CalienteQuad Sheet: Delamar 7½'Sec. 36, T 5S, R 64E

Coordinate (UTM):

North 4148490 mEast 0696850 mZone +11DEVELOPMENT: Several shafts in area along dike. Sampled shaft is about 20' deep.ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: E-W trending, intrusive rhyolite dike outcrops in saddle area & is explored by several small workings along its' strike length. The intrusive forms knobby white outcrops in mine area. In general, it is beige in color & porphyritic in texture, containing abundant fresh quartz phenocrysts, clay (or sericitically) altered feldspars & a minor amount of mafics which are oxidized to Feoxs. Intrusive rock on dump is bleached, leached & shows silicic or advanced argillic alteration. It contains abundant clots Fe & ghosts after pyrite.

Shaft explores faulted contact between altered dike & white quartzites of the Prospect Mtn. Fm. Contact strikes N55W, 85SW. Rhyolite dike intrudes (truncates) white, medium-coarse-grained quartzite which forms beds of medium thickness outcropping just west of shaft. The beds strike N55E & dip 35SE. Alteration of the quartzite is evidenced by growth of sericite in the matrix & clots of Fe possibly after pyrite.

The shaft is sunk in fault zone which cuts intrusive but, in general, parallels the dikes orientation. Dike is emplaced along fault zone as evidenced by jointing & fracturing of intrusive along contact.

REMARKS: Sample 1748

REFERENCES: _____

EXAMINER: Bentz/SmithDATE VISITED: 9/30/83