

2010 0005

PROPERTY NAME: Sample Site 1580

OTHER NAMES: _____

MINERAL COMMODITY(IES): Beryl, Nb, TaTYPE OF DEPOSIT: Pegmatite dikeACCESSIBILITY: 1 mile hike north from good dirt road, lots of fencesOWNERSHIP: NonePRODUCTION: NoneHISTORY: Explored in 1940's, no production resultedCounty: Elko CanyonMining District: Gilbert Creek areaAMS Sheet: WellsQuad Sheet: Jiggs 15'Sec. 9, T 29N, R 57E

Coordinate (UTM):

North 4474325 mEast 0622850 mZone +11DEVELOPMENT: NoneACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Along the hike from sample 1579 to 1580, the Harrison Pass pluton graded from granodiorite/quartz monzonite to pegmatitic zones and veins. Huge perthitic feldspar crystals were weathered out and in float. Large bull quartz veins intruded into the pluton and pegmatite and filled fissure veins. Sample 1580 was taken from a large outcrop of quartz monzonite cut by pegmatite dikes composed of smoky quartz, perthitic feldspars and large books of muscovite. Beryl crystals up to 1/2 inch were found in float and intergrown in the pegmatite. Photo taken of chill margin beneath the outcrop. Small tantalite crystals were found in the pegmatite.

REMARKS: Sample 1580Photo #10, R7/2 ✓

REFERENCES: _____

EXAMINER: SmithDATE VISITED: August 14, 1982