0100 0032

PROPERTY NAME: Sample Site 787

OTHER NAMES:

MINERAL COMMODITY(IES): Unknown

TYPE OF DEPOSIT: None

ACCESSIBILITY: See map, road fair, but extremely slick in wet weather

OWNERSHIP: None

PRODUCTION: None

HISTORY: None

County: Lincoln Item 4(177)

Mining District: Vicinity of Vigo

AMS Sheet: Caliente

Quad Sheet: Docs Pass 7 ½'

Sec. 31, T 5S, R 71E

Coordinate (UTM):

North 4150020 m

East 0757150 m

Zone +11

DEVELOPMENT: Single blasted prospect pit, approximately 6 X 16 feet, surface scrapings upslope, condition of road suggests maintenance for hunters.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Area mapped as intermediate lavas and tuffs, Tertiary. Host rocks are extremely hydrothermally altered, siliceous volcanic flows & tuffs, appear to be rhyolitiic to dacitic surfaces argillized. Sample of argillically altered breccia cemented with grey silica, abundant rock flour, almost mylonitic, some milling evident, rocks exhibit platy partings (at first appearance thought it a shale) along flow bands. Most of mafics gone, and a few glassy fragments remain. Few MnO_2 spots stain surface, minor limonitic stains, very fine siliceous veinlets cut across all surfaces and structures, rocks show several stages of alteration and faulting. Rocks outcropping above pit more crystal rich. In pit, prominent vertical north-south faulting cut by intersecting vertical, N30W shears. Platy partings (flow patterns?) generally horizontal but tends to dip north. Silica has filled in between the partings and produces localized wavy textures. Minor chloritic (?) alteration. Rocks observed in float include hydrothermal breccia, obsidian nodules, and other extrusive rocks. Euhedral quartz crystals fill vugs and fractures of volcanics.

REMARKS: Sample Site 787, No photo

REFERENCES: MI 1041 Map, NBMG Bull. 73

EXAMINER: Smith

DATE VISITED: August 20, 1983