

2310 0003

PROPERTY NAME: Black Prince Mine

OTHER NAMES: _____

MINERAL COMMODITY(IES): Mn, Ag, Pb, ZnTYPE OF DEPOSIT: Fissure(?)ACCESSIBILITY: See map, road goodOWNERSHIP: UnknownPRODUCTION: 250-300 tons Ag oreHISTORY: Unknown, probably produced within last 50 years.County: Lincoln Item 53 (175)Mining District: HighlandAMS Sheet: CalienteQuad Sheet: Highland Peak 7 1/2'Sec. 25, T 1N, R 66E

Coordinate (UTM):

North 4 200 075 mEast 0 716 920 mZone +11DEVELOPMENT: Head frame, core shack, inclined shaft, numerous roads, surface exploration
(several periods).ACTIVITY AT TIME OF EXAMINATION: Area recently flagged (staked?), drilled, no production within several
years.

GEOLOGY: Workings appear to mine oxidized surface ore from the Black Prince Fissure. Main
working inclined shaft 55SE, 60° evacuate alleged thrust fault, between Cambrian Mendha
and Highland Peak Formations. With fissures filled with altered, Mn-stained ore. Mendha
Formation is dark grey limestone, with hematite stained quartz nodules, oxidized pyrite,
pyrolusite, slightly magnetic nodules of wad, some carrying crystallized calcite
veinlets, locally silicified. Opaline silica coats fracture surfaces and fill vugs. A minor
shear zones exposed at shaft. Bedding almost horizontal, limestone on dump pink (FeOx
stained?, rhodochrosite?), limestone banded with pinkish zones and crystalline calcite
veinlets, nodules of platy calcite cement breccia. Ore zone up to 35 feet thick with
values increasing with depth.

REMARKS: Sample Site 1436REFERENCES: NBMG Bulletin 73EXAMINER: Smith/BentzDATE VISITED: 8/25/83