5050 0005

PROPERTY NAME: Johnnie Mine

OTHER NAMES: Viola Claims

MINERAL COMMODITY(IES): Au?, Hg?

TYPE OF DEPOSIT: Veins, dike?

ACCESSIBILITY:

OWNERSHIP: Locator= P. Klipfel, 1776 Lincoln ST. #810, Denver, Co., 80203. Located 11/14/81.

PRODUCTION:

HISTORY:

County: Lincoln Item 6

Mining District: Viola

AMS Sheet: Caliente

Quad Sheet: Blue Nose Peak 7½'

Sec. 27, T 8S, R 68E

Coordinate (UTM):

North 4|1|2|3|1|7|5 m

East 0|7|3|4|2|2|0 m

Zone +11

DEVELOPMENT: 90' vertical shaft.* (1)

ACTIVITY AT TIME OF EXAMINATION: None, except staking.

GEOLOGY: Geology within shaft obscured but area surrounding shaft covered by volcanic float * (2). 20' north of shaft is a prominent resistant rib consisting of very finely crystalline, pinkish-white quartz vein & quartz cemented volcanic breccia. The outcrop underlies E-W ridgeline & strikes N70W & dips 55 S(W). Below crest of resistant outcrop breccia fragments of altered rhyolite volcanic (& possibly also sedimentary conglomerate) are contained in the vein. Fragments seem to increase with depth. (ie. toward lower contact with volcanics). Feoxs are deposited along brecciated cracks, crevices & vugs in the vein material. Drusy quartz lines vugs & ghosts after pyrite are common. Some of the outcrop contains quartz phenocrysts suggesting this is actually an aplitic dike. Very minute specks of sulfides(?) or Mn-Fe oxs occur in matrix of vein material. Some unusual bright red oxides may be after Hg mineral or possibly just hydrated Fe. Some chalcedonic banding & fine breccia zones cut across outcrop. Very fine-grained oxidized pyrite occurs in the pink rhyolitic breccia fragments also. Exposed width of outcrop probably exceeds 10'.

REMARKS: SW of shaft (by road) there are low outcrops & float of limey sediments.

Sample 1737

REFERENCES: *(1) NBMG Bull. 73.

*(2) USGS Map I-1041 (this map shows mine area underlain by hydrothermally altered, Miocene-Age, ash-flow tuff.)

EXAMINER: Bentz/Smith

DATE VISITED: 9/12/83