5040 0005

(177) Item 7

PROPERTY NAME:

OTHER NAMES:

MINERAL COMMODITY(IES): Au? Ag? Gem quality Jasper?

TYPE OF DEPOSIT:

ACCESSIBILITY: See map, access road terrible and washed out in places

OWNERSHIP: Unknown

PRODUCTION: None

HISTORY: Unknown

County: Lincoln

Mining District: Vigo

AMS Sheet: Caliente

Quad Sheet: Dodge Spring 7 ½'

Sec. 32, T 7S, R 71E

Coordinate (UTM):

North 4 1 3 1 4 9 0 m

East 0 7 5 8 8 4 0 m

Zone +11

DEVELOPMENT: Several shallow dozer cuts.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: This was alleged to be the site of manganese deposits, however, none were observed. Workings explore an exposed rib of heavily iron stained jasper/jasperoid filling fissures between bedding planes in medium grey to dirty brown limestone/dolomite beds. (Possible gem quality?). Rib is exposed for approximately 500 feet, and is approximately 50 feet wide. The rib and carbonates strike N60W, dip 40NE. Other stringers and veinlets of jasper/jasperoid were observed parallelling bedding west of the main rib. Appears to be jasper infilling bedding plane faults rather than a rib of jasperoid. Carbonates carry pods of crystalline calcite and parallelling the beds are sacchroidal calcite veinlets carrying oxidized grains of iron stained silica. The main rib of jasper is massive to brecciated, heavily FeOx stained. The brecciated jasper is cemented with chalcedonic silica, white to dark blue, and carries very fine grained grey metallic mineral. Cutting the jasper are yellowish-brown, siliceous veinlets. Pale green surface coatings (malachite?) occur on exposed surfaces. Area mapped as Triassic Moenkopi Formation. Very minor MnO2 spots surfaces. North of site rhyolitic volcanics outcrop, heavily bleached, argillically altered.

REMARKS: Sample Site 791

REFERENCES:

EXAMINER: Smith

DATE VISITED: August 21, 1983