

3950 0059

PROPERTY NAME: Sample location 720

OTHER NAMES:

MINERAL COMMODITY(IES): Zn, Cu

TYPE OF DEPOSIT: Vein, fracture filling

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION: Unknown

HISTORY:

County: White Pine ⁽³²⁷⁾ ~~Flint~~

Mining District: Robinson

AMS Sheet: Ely

Quad Sheet: Reipetown 7 1/2'

Sec. 5, T 16N, R 62E

Coordinate (UTM):

North 413141818190 m

East 016171014180 m

Zone +11

DEVELOPMENT: 2 trench like prospects in limestone.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Host rock for this deposit is a med-dark grey limestone which contains some crinoid & fossil fragments. The limestone is thickly to massively bedded & contains a few calcite veins. (This is probably JoAnna limestone).

Two parallel replaced zones or fractures which strike N25W are explored by prospects. Within the replaced zones the rock is brecciated & filled with gossan & calcite veins with abundant Cuoxs. The limestone adjacent to this zone is bleached & highly silicified. The main zone occurs in the back of main prospect and at its widest exposure is about 1' wide.

The rock on the dump is a vuggy & banded vein material which probably formed as secondary filling along fractures. The rock consists of white bands of radiating clear needles of hemimorphite & light blue bands of Smithsonite with Cu impurities. The mineralization is a result of the oxidation of a Zn - Pb - Cu sulfide deposit.

REMARKS: Sample 720

Photo.

REFERENCES:

EXAMINER: Bentz/Smith

DATE VISITED: 7/30/81