

1750 0009

White Pine County General

PROPERTY NAME: Johnson Boys Mine

County: White Pine Hem 54

OTHER NAMES:

Mining District: Ellison

MINERAL COMMODITY(IES): ? Cu, Pb, Zn?

AMS Sheet: Lund

TYPE OF DEPOSIT: Bedding plane shear/replacement, jasperoid breccia

Quad Sheet: Sawmill Canyon 7 1/2

ACCESSIBILITY: ?

Sec. 18? T 12N R 63E

OWNERSHIP: ?

Coordinate (UTM):

PRODUCTION: ?

North 4 3 0 7 7 4 0 m

HISTORY: ?

East 0 6 7 8 1 4 0 m

Zone +11

DEVELOPMENT: 3 short adits (slightly inclined) oriented as shown on map in limestone. 1 shallow trench near jasperoid outcrop.

ACTIVITY AT TIME OF EXAMINATION: None but recent flagging & geochem sampling (short stake dated 7/13/80) evident.

GEOLOGY: Adits explore a bedding plane shear in dark grey limestone which was mapped as the lower Ordovician Shingle or House limestone FM. (not certain about this) the bedding & bedding plane shears are oriented N10W, 22NE.

Sample - 839 - Came from the largest of three dumps. A very small adit explored felsic dike? With chalcopyrite & CuOx noted on the dump but was not sampled. Sample 840 is of replaced & recrystallized carbonate rock with CuOxs & calcite pods & veins with sulfides & oxides in the veins a small amount of jasperoid was noted on dump but not sampled.

The shear zone exposed at the adit mouth is characterized by clays (argillite) calcite gouge, gossan & CuOxs. The shear zone undulates but more or less follows the bedding plane.

≈ 40' upslope from adits is a resistant ridge of jasperoid breccia striking approximately N10E to N10W. The breccia frags are composed of clasts of quartzite (or these could be remobilized free quartz, couldn't tell) & limestone clasts.

REMARKS: Photos

Sample 839 - Gossan from dump, punky limonite stained.

840 - altered limestone partly recrystallized with calcite veins & pods & flecks of azurite, malachite, hematite, oxidized pyrite.

REFERENCES:

EXAMINER: Bentz/Bonham/Smith

DATE VISITED: 6/25/81