1330011

(223) Item 11

PROPERTY NAME: Sample Location 834 - 836 (Unnamed Prospects just so. of the White River ≈2 mi. E. of Hwy 6)

OTHER NAMES:

MINERAL COMMODITY(IES): Au, Ag?

TYPE OF DEPOSIT: Hydrothermal breccias silicified breccia zone in volcanic jasperoid breccia south of prospects.

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

County: White Pine

Mining District: Currant

AMS Sheet: Lund

Quad Sheet: Badger Hole Spring 7 1/2'

Sec. 32 & 33 T 13N, R 61E

Coordinate (UTM):

North 4 3 1 1 3 8 0 m

East 0 6 6 2 0 5 0 m

Zone +11

DEVELOPMENT: 3 prospect pits in silicified shear zone volcanics.

ACTIVITY AT TIME OF EXAMINATION: None, suprisingly not even staked. (Addition 6/82, person comm., indicates area has been staked since our visit.)

GEOLOGY: The low hills near the prospects are underlain by dacite rhyodacite flows (the dacite has a black glassy matrix with conspicous plag phenos)

A prominent resistance red-brown ridge of jasperoid breccia strikes N80E through the volcanic section in the area of the prospects. The breccia is highly silicified & contains larg (1' or more) frags of quartzite, altered seds & volc?

The prospect furthest to the west is not in the jasperoid breccia unit but reveals a N20E fracture (offset flow banding) in volcanics that are altered to a quartz sericite kaolinized mineralogy. Fe-stained silicified breccia was found on the dump.

The jasperoid breccia at loc. 835 contains quartz phenos in the matrix pods of opaline siliceous material, frags with fossils, & clots of very fine grained sulfides (probably pyrite) & pyrite ghosts. The igneous character of the breccia & the fact that the breccia frags have been cemented, rebrecciation & recemented with silica & the diversity of clasts (including sediments which don't outcrop in immediate area) may indicate that this is part of the breccia pipe or rooted hydrothermal system 100' North of the jasperoid outcrop is a 30-40 section of water lain tuffs, which are light grey to white in color with visible feldspars & graded bedding. The orientation of these beds is N15W, 45NE . This outcrop of tuff contains areas of pebble breccias with FeOx cementing rounded, milled fragments of host rock along irregular fractures . The tuff contains many pyrite ghosts. This rock is possibly part of the Current Tuff. In this area it is overlain & underlain by dacite. With in the jasperoid unit is an altered, shallow intrusive rock which contains 2-3' boulders of quartzite. Quartz veins cut the intrusive but not the fragments. It is possible this is just an igneous phase of the breccia & is not intrusive.

Jasperoid/breccia caps the flat hilltop south of these workings & continues to outcrop south & east of this area in sediments. Mapped as the Dev. Guilmette Fm. Good disseminated Au prospect!

REMARKS:

Sample 834 - Altered intrusive, kaolinitized & sericitized with quartz veinlets, limonite staining. No obvious mineralization.

835 - Fe-stained highly siliceous brecciation jasperoid with blue, white & red opaline clots, fossils small amount pyrite.

836 - Random grab of jasperoid from drainage showing clots of sulfides.

Photo.

REFERENCES: * Our samples came out zip on samples collected from prospects, but sample of jasperoid (silic Dev. Guilmette?) south of prospects shows anomalous As & Sb values (JB 6/82)

EXAMINER: Bentz/Bonham/Smith

DATE VISITED: 6/24/81