

4950 0028

PROPERTY NAME: Berry Creek Group  
OTHER NAMES: Near or part of? Ruby claims  
MINERAL COMMODITY(IES): Hg  
TYPE OF DEPOSIT: Vein, shear zone, breccia fill  
ACCESSIBILITY: \_\_\_\_\_  
OWNERSHIP: Ruby claims - Canavex Resources LTD. 2540 Skeena Dr.,  
Kamloops B.C., Canada V2E1V5 located Oct. 1, 1981.  
PRODUCTION: \_\_\_\_\_  
HISTORY: \_\_\_\_\_

(79)  
Item 29

County: Elko  
Mining District: Tuscarora  
AMS Sheet: Mc Dermitt  
Quad Sheet: Mt. Blitzen 15'  
Sec. 7, T 39N, R 51E  
Coordinate (UTM):  
North 4 5 7 1 2 5 0 m  
East 0 5 5 9 1 9 0 m  
Zone +11

DEVELOPMENT: Sampled working is an open cut oriented NE-SW. It is approximately 75' long & 40' wide. Old workings (1 shaft & 1 caved adit) & some trenches lie near open cut.

ACTIVITY AT TIME OF EXAMINATION: Area is recently staked. Open working is recently sampled.

GEOLOGY: The host rock for this deposit is an andesitic volcanic. The rock is flow bedded, with beds averaging 1' thick. The beds dip about 35° to the SE. As exposed in the pit the rock is Fe-stained but more or less undisturbed on the north side of the cut & highly fractured, bleached & altered on the south side of the cut. The altered or faulted rock is argillized & bleached white. Abundant limonitic oxides occur on fracture coatings on this rock.

At the west end of the pit there is a 10-15' wide brecciated & silicified zone. It is characterized by a high degree of Fe-staining & fracturing. A silicified knob of breccia protrudes from the west wall. It is composed of kaolinitized & silicified fragments of bleached volcanic rock cemented by silica & cut by a network of fine siliceous veinlets. Cinnabar crystals occur in bright red masses as a vein filling, breccia cement & as scattered crystals in the altered fragments. The cinnabar-bearing breccia occurs in a zone striking E-W & dipping steeply to the south. The zone is irregular in shape & the breccia seems to occur in "veins" 1-3" wide within the zones. Silicification in the zone is more notable in the lower levels of the cut.

Sample 194A was taken from a limonite-stained, fractured zone adjacent to & parallel with the cinnabar-bearing breccia. Sample 194B contains the silicified cinnabar-bearing breccia.

REMARKS: Sample 194 A & B

Photo.

REFERENCES: Bailey & Phonix (1944), Quick Ag deposits in NV., NBMG Bull. 41, p. 64

EXAMINER: Bentz/Smith

DATE VISITED: 7/5/82