

1370 0023

PROPERTY NAME: Denton Summit workings

OTHER NAMES:

MINERAL COMMODITY(IES): W?, Au?, Ag?

TYPE OF DEPOSIT: Contact metasomatic, fault?

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

County: Lincoln

Mining District: Delamar

AMS Sheet: Caliente

Quad Sheet: Slidy Mtn. 7 1/2'

Sec. Unsurv. T 5S R 65E

Coordinate (UTM):

North 4 1 5 0 0 2 0 m

East 0 7 0 2 0 8 0 m

Zone +11

DEVELOPMENT: One caved adit as shown on map & small dump. Drill road lies above adit & has drill holes spaced approximately every 20'.

ACTIVITY AT TIME OF EXAMINATION: None, but drilling in area probably completed 3-5 years ago.

GEOLOGY: Host rocks at adit are quartzites & shales of the Cambrian Pioche (?) Fm. No structure is observed as adit is caved but the small dump is mainly composed of pinkish, fine-grained quartzite with some limey intralenses. The rocks show fine siliceous veining & minute clots partially oxidized pyrite. No sample taken as mineralization was insignificant.

Above adit & slightly to the NE, micaceous brown shales outcrop along slope below a sandy, limey horizon. The limey horizon is altered to a light green, dense, banded calc-silicate. The calc-silicate is very fine-grained & contains abundant epidote & calcite. The calc-silicate horizon extends to drill road located about 30' above adit. A sample of rubbly float/outcrop was taken from this horizon (1758).

The rocks exposed on the drill road are micaceous, brown & green shales. Some of the shales are limey & also show silication effects as observed below. Mica in the shales is recrystallized in response to thermal(?) metamorphism. The shales & limey mudstones form 1"-6" wide beds which strike N65E & dip 30SE. However, attitudes on bedding change due to small N-NW-striking faults observed in road cut & a larger E-W fault mapped in area by Callaghan, 1937. A large rhyolite dike is located about 1/4 mile west of sampled outcrop.

A few very minute flecks scheelite observed when calc-silicate sample was lamped.

REMARKS: Sample 1758 - Banded calc-silicate (outcrop/float)

REFERENCES:

EXAMINER: Bentz/Smith

DATE VISITED: 10/2/83