

1330 0019
PROPERTY NAME: White Pine Propsect & vicinity
OTHER NAMES: Broom Claims
MINERAL COMMODITY(IES): F, Pb?
TYPE OF DEPOSIT: Contact metasomatic, quartz veins.
ACCESSIBILITY:

County: Nye
Mining District: Carrant D
AMS Sheet: Lund
Quad Sheet: Carrant Mtn. 15'
Sec. 21? T 12N R 58E
Coordinate (UTM):
North 4131014725 m
East 016134575 m
Zone +11

OWNERSHIP: Location monument (PCV pipe) on alluvial plain reads
Broom claims, located By American Selco Incorp. on June 8,
1981. Locator - Bruce Ashby.
HISTORY:

DEVELOPMENT: 2 small (blasted?) prospect on cliff above was on no side of valley at end of road.

ACTIVITY AT TIME OF EXAMINATION: Recent staking of alluvial slope to the west.

GEOLOGY: The small workings at the end of the road are in light colored medium bedded (71') ls at the prospects the ls is metamorphosed to a banded calc-silicate rock & intruded by quartz veins & locally by aplite dikes. The quartz veins are vuggy & contain clots of sericite & possibly oxidized pyrite.

The tactite is a compositionally banded (alternating light green & white) fairly dense medium crystalline rock composed of radiating prismatic green idocrase crystals (green bands) & white to clear fluorite, crystals (white bands) ± quartz, calcite, pegmatitic vein (cross-cuts section) found on slope above prospects contains very coarse alkalai, feldspar occurring with white mica & quartz. Mn dendritics & clots of oxide pyrite were noted in the tactite. The tactite formed in place leaving the bedding preserved orient of bedding is N30W, 15 NE. Quartz veins 1/2 - 1' wide cross-cut the bedding at an orientation of N60E, shallow dip to NW to vertical. These veins seem to parallel a well developed fracture system crossing. One drill collar was found at the prospect site. A 8" - 1' wide quartz vein was explored to west of the prospect located on map. The vein is vuggy & carries pyrite? Across the canyon to the south is a 20' thick(?) outcrop of aplite dike with sugary texture & some limonite stains.

REMARKS: Sample 825 - Vesuvianite, calcite & fluorite? tactite with clots of possible pyrite, magnetite? or pyrotite.

825 Q - Quartz vein

826 - Quartz & feldspar aplite dike with disseminated oxide pyrite from 20' wide exposure in south side of canyon.

No photo.

REFERENCES: Fluorspar in NV, Keith Papke, NBMG bull. 93, 1979. Pg. 34 has a very good interpretation on this occurrence.

EXAMINER: Bentz/Tingley/Smith

DATE VISITED: 6/15/81