

1370 0019
PROPERTY NAME: Sample location 1746

OTHER NAMES:

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

TYPE OF DEPOSIT: Vein

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

County: Lincoln

Mining District: Delamar

AMS Sheet: Caliente

Quad Sheet: Delamar 7 1/2'

Sec. 25, T 5S, R 64E

Coordinate (UTM):

North 4 1 5 0 6 1 0 m

East 0 6 0 6 9 3 0 m

Zone +11

DEVELOPMENT: One shaft as shown on map with collapsed headframe. Upper shafts not visited.

Drill roads extend along northern flank of knoll occupied by workings, into the saddle area & to the east in area of prospects.

ACTIVITY AT TIME OF EXAMINATION: Area is staked & site of fairly recent surface & subsurface exploration, probably 3-4 years old.

GEOLOGY: Shaft explores quartz vein which is emplaced along bedding of brown, micaceous, platy shales probably belonging to the Cambrian Pioche Fm. At the minesite, the shale beds dip to the SE. Just north of the shaft collar a vein of vuggy, prismatic, comb quartz strikes N75E & dips steeply to SE. Actually, the "vein" is composed of several splayed or sub-parallel, branching veinlets less than 4" in width. However, together with the intervening wallrock, the veins comprise a thickness of about 2-3'. The quartz which composes the vein(s) is vitreous, white & in some cases forms cockade structures around bleached, angular fragments of shale. Some shale fragments show an early stage of fine quartz veining which pre-dates emplacement of main vein(s). The shale fragments & enclosing wallrocks have responded to alteration by becoming more micaceous & bleaching to a light tan or green color.

Very fine grained oxidized pyrite is present in the comb quartz vein & quartz-cemented shale breccia. MnOx (including some crystalline pyrolusite) are common as coatings & clots in vein material. The veins are vuggy & open-centered. FeOx are less abundant & associated with the oxidized pyrite.

REMARKS: Sample 1746

REFERENCES:

EXAMINER: Bentz/Smith

DATE VISITED: 9/22/83