

1580 0011

PROPERTY NAME: Lead King? [L-L, N-N & L-N claims]

OTHER NAMES: \_\_\_\_\_

MINERAL COMMODITY(IES): Pb, CuTYPE OF DEPOSIT: Quartz veins along shears, replacement along bedding plane shears, intrusive dikes.

ACCESSIBILITY: \_\_\_\_\_

OWNERSHIP: H. Norgaard, 945 Canyon, Box 1255, Ely, NV Sept. 131976, L-L claims, N-N & L-N also owned by Norgaard & arePRODUCTION: found E of L-L claims on N side of Canyon.

HISTORY: \_\_\_\_\_

County: White PineMining District: Duck CreekAMS Sheet: ElyQuad Sheet: East Ely 7 1/2'Sec. 3 & 4, T 16N, R 64E  
33 17N 64E

Coordinate (UTM):

North 4131511125 mEast 0161912475 mZone +11DEVELOPMENT: Numbers doghole prospects were found on L-L N & N claims. 1 N-striking 4' wide, 8' high (portal) adit & 2 prospects in replaced ls in the L-N claims (sample loc 897)ACTIVITY AT TIME OF EXAMINATION: None, but some recent flagging on bushes. Extensive trenching & geochem sampling done on E-W ridge north of old workings.GEOLOGY: Sampling 896 is from a small prospect on the L-L claims which exposed a red, altered dacite prophyry dike. The rock contains coarse quartz & plagioclase phenocrysts with small amounts of slightly altered biotite hornblende. The matrix is altered to clays in some samples.E of sample 896, in the N-N claims, are numerous small prospects on the N side of road which runs at base of canyon. The prospects are in silty, thin bedded ls with abundant relatively unoxidized pyrite cubes (2-5 mm) These rocks almost resemble shales & become schistose. Calcite veinlets are common.The easternmost adit in the L-N claims explores a resistant, massive grey ls which displays a vertical replacement zone at the portal. The replaced ls is brown (bleached), recrystallized & silicified with random calcite pods. An irregular network of quartz veins & veinlets shoot thru the altered ls. The quartz veins are massive, some are more than 6" wide & carry visible pyrite & galena. Some of the pyrite is oxidized. The replaced zone is irregular in shape, but is ~~2~~ 3' wide at adit.Dark red-black gossan found on the adit dump, is found as frags in a fine quartz vein breccia. Slicked rock & ls brecciation is also found on the dump with some CuOxs.A 1/2-1' wide quartz vein & replaced zone continues upslope from adit in a N20W,  $\lambda$  vertical orientation. The quartz vein was probably emplaced along a shear which caused later fracturing of the vein & replacement & bleaching of the nearby wallrock.By following the replaced zone up to ridgecrest, we found 2 inclined shafts on strike of the feature. Both shafts are inclined to the E & at the surface, explore replaced ls with quartz veins. The bedding of the ls is oriented N 5-10W, E dipping at ridgecrest, which parallels the replaced horizon. Numerous shallow trenches & dozer work (for geochem) has been done down ridge W of shafts.REMARKS: Sample 896 - Alter intrusive, 897 - Replaced ls & quartz veins with Pb & Fe from adit, 898 - Quartz vein & galena, pyrite, gossan from inclined shaft.PhostsREFERENCES: Production: Small to NoneEXAMINER: Bentz/ SMithDATE VISITED: 7/25/81