

1980 0003

PROPERTY NAME: Geyser Ranch & MillsiteOTHER NAMES: GZ claimsMINERAL COMMODITY(IES): Huebnerite, Fluorite, Moly?TYPE OF DEPOSIT: Quartz veins along shear zone?ACCESSIBILITY: FairOWNERSHIP: Claim post - GZ claims located by Sam Bida & Leon Belaustegui on 5/6/81 westerly of Geyser Ranch.

PRODUCTION: \_\_\_\_\_

HISTORY: ?County: LincolnMining District: Geyser RanchAMS Sheet: LundQuad Sheet: Mt. Grafton 7 1/2'Sec. 5?, T 9N, R 65E

Coordinate (UTM):

North 4 12 8 2 6 0 0 mEast 0 6 9 9 7 3 0 mZone +11DEVELOPMENT: Several prospect pits, 1 adit? 1 old shack & broken head house. Old millsite below workings.ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: This prospect is on the eastern slope of the southern Schell Creek Range in the vicinity of Mill Creek. The host rock for this development is the Prospect Mtn. Quartzite. In the vicinity of the prospects the quartzite outcrops show well developed slicks and limonite & hematite staining. One large quartz vein 1-1 1/2' wide was examined near claim posts. It was underdeveloped but paralleled the orientation of N10W, 80W, shear observed within prospect area. Stockwork of thin quartz veins in slicked wall of quartzite aligned along this orientation. Pits also lie along shear strike.

Collected sample 802 from dump near N80W adit. Sample may contain huebnerite & Fluorite. Rocks on dumps are quartz vein material or quartzite showing hematite. After sulfides in a boxwork pattern or quartz stringers. Sample 803 was collected under headhouse & is predominately sericite.

Observed limestone & shale beds on switch backs down from mines. Grey weath medium bedded limestone forms resistant ribs along road. Limestone is in Pioche Fm. as it shows interesting "polka-dot" textures composed of 1/2-1" (in diameter) circular replaced Giruanella Algae. Generalized dip of beds in Schell Creek is 30-45°E.

REMARKS: Sample # 802,803(Seritic Sample)Photo

REFERENCES: \_\_\_\_\_

EXAMINER: Bentz/SmithDATE VISITED: 6/10/81