

3980 0003

PROPERTY NAME: Rock Creek Prospect (Mine)
 OTHER NAMES: Lin claims
 MINERAL COMMODITY(IES): Ag?, Hg, Sb?
 TYPE OF DEPOSIT: Fault zone, vein (epithermal), fracture fillings.
 ACCESSIBILITY: _____
 OWNERSHIP: _____
 PRODUCTION: _____
 HISTORY: _____

County: Elko Item 6
 Mining District: Rock Creek
 AMS Sheet: McDermitt
 Quad Sheet: Mt. Blitzen 15'
 Sec. 13,24, T 40N, R 48E
 Coordinate (UTM):
 North 4 5 7 5 9 5 0 m
 East 0 5 4 1 9 0 0 m
 Zone +11

DEVELOPMENT: Several west trending adits & inclined (to west) shafts now mostly caved, covering hillside. Double barrel retort & several old buildings on property. This appears to be one of the major workings in the Rock Creek District.

ACTIVITY AT TIME OF EXAMINATION: None, although entire drainage from mines to Rock Creek road is staked. There are several large claim blocks in here. The road to the upper mines was recently graded.

GEOLOGY: The volcanic rock outcropping in area of workings is altered beyond recognition. It is thoroughly bleached, silicified & in places leached. The host is assumed to be dacitic. As no quartz phenocrysts were observed. The rocks are probably pyroclastic or ashflow tuffs.

Adjacent to the workings the exposed outcrops are fractured & Fe-stained. Some moderate to steeply inclined fault or fracture surfaces were observed in bouldery outcrop near the retort. The fault is N-S striking. At least one drift is driven along the N-S fractures.

Sample 1596 A was collected from dump material below the retort. The altered volcanic rock is thoroughly silicified & contains lenses & layers of opaline material. Oxidized mercury minerals are present on fracture surfaces or in the fine opaline vein material which has secondarily invaded host. Small amount of resilicified breccia material was also collected. No antimony was observed.

Sample 1596 B is opalite containing fossil reed impressions. The sample was not taken in place & may have been brought in from elsewhere. However, some sprays of cinnabar occur in the opalite.

This is a good area for the prospecting of precious metal deposits. Extensive & widespread alteration, indication of an ancient hot springs system & reports of Hg & Sb in area are good indicators for disseminated Au or Ag mineralization.

REMARKS: Samples 1596 A & B

Photos.

REFERENCES: _____

EXAMINER: Bentz/Brooks/S

DATE VISITED: 8/18/82