

3550 0007

(174) Item 10

PROPERTY NAME: Cinch Claim
 OTHER NAMES: Murphy, Fred Claims
 MINERAL COMMODITY(IES): W, Cu, Sulfides?
 TYPE OF DEPOSIT: Replacement & veins along thrust.
 ACCESSIBILITY: _____
 OWNERSHIP: Union Carbide
 PRODUCTION: _____
 HISTORY: _____

County: Lincoln
 Mining District: Patterson Pass
 AMS Sheet: Lund
 Quad Sheet: Milk Ranch Spring 7 1/
 Sec. 33?, T 9N, R 65E
 Coordinate (UTM):
 North 4 2 7 4 6 6 0 m
 East 0 7 0 0 9 8 0 m
 Zone +11

DEVELOPMENT: Several trenches, adits, stopes, old ore chute & buildings, drill sites.

ACTIVITY AT TIME OF EXAMINATION: Union Carbide sampling, mapping & drilling in area. (Drilling NE of main working on low hill).

GEOLOGY: Adit & open stope explore a N45E, 25SE brecciated zone in limestone. The workings are in limestone (possibly Pole Canyon?) which is part of a small hill at the base of the E slope of the Schell Creek Range. The limestone may have been thrust into place(?)
The breccia zone is characterized by massive silicification & replacement pods. The breccia contains silicified limestone fragments cemented in a silic-Fe matrix. This zone strikes N45E, is undulatory, low lying (possible thrust?) & contains large pods of coarse crystalline white calcite (2-3' across) Calcite & quartz veins also occur in this zone. Several small E-W fractures cut the zone at an angle. Sample 804 was taken from inside small stope.

After speaking with the Union Carbide geologist we learned that 30' below the surface of their drillsite they encountered a coarser-grained (than outcropping rock) limestone that is not brecciated. About 450' below the surface they found what they believe is an intrusive. He showed us an intrusive sample he had collected in an outcrop to NW of workings. It looked like an altered diorite with abundant biotite & sheared quartzite phenos. We looked for intrusive but could not find it.

The V.C. geologist believes the W mineralization came in with the silica flooding along a breccia thrust plane. W occurs in the quartz veins & in gangue material.

REMARKS: Sample 804 - Quartz vein & limestone.
Photos

See CRIB sheet

REFERENCES: _____

EXAMINER: Bentz/Smith

DATE VISITED: 6/11/81