PROPERTY NAME: ANDIES MINE
OTHER NAMES: MDDS 1-13 Claims
MINERAL COMMODITY(IES): Hg
TYPE OF DEPOSIT: Disseminated
ACCESSIBILITY: See map, road fair
OWNERSHIP: Don and Carol Williams
St. George, UT Sept. 1983
PRODUCTION: 2 flasks
HISTORY: Mercury disc. 1919, intermittently drilled and explored in 1950's, 2 flasks produced 1955, claims currently active.

DEVELOPMENT: Remains of old cabins, partially caved shaft, extensive surface trenching and cuts, abundant roads.

ACTIVITY AT TIME OF EXAMINATION: Assessment work, core drilling, roads repaired, location and corner markers reported, est. $1,400; in 1982, assessment work consisted of exploratory cuts and sampling, road repairs.

GEOLGY: Workings explore argillically altered rhyolite ash tuffs with disseminated grains and veinlets of crystalline cinnabar. Ash unit shows bedding, is highly fractured, and stained with hematite. Ash unit covers approximately 7/8 square mile. Cinnabar occurs as fresh grains, crystals, clots and fine stringers disseminated throughout the altered rhyolite, and as meta-cinnabar in silicified/opalized rhyolite breccia.* Paleozoic limestones outcrop in hills to the west and iron-stained volcanics(andesitic?) cropout to the north.

* Remnant smokey quartz crystals and muscovite occur in the ash. Yellow oxides along with Fe-Mn oxides stain exposed surfaces.

Small micro-breccia seen in rib of silicified rhyolite which cropsout on the small hill between camp and the mercury pits. Brecciated pyrite, cemented by more pyrite and quartz forms the breccia.

REMARKS: Sample Site 1467 - Mercury pit.
Sample Site 580 - silicified rib, SE of pit.

REFERENCES: NBMG Bulletin 73

EXAMINER: Smith/Bentz
DATE VISITED: 10/5/83