

3730 0001

PROPERTY NAME: Black Hawk MineOTHER NAMES: QCR ClaimMINERAL COMMODITY(IES): HgTYPE OF DEPOSIT: HydrothermalACCESSIBILITY: See map, road goodOWNERSHIP: U.S. Minerals ExplorationArvado, CO - July 1983PRODUCTION: 68 flasks up to 1943HISTORY: Discovered 1929County: NyeMining District: Black HawkAMS Sheet: CalienteQuad Sheet: Caliente 2°Sec. 13,24, T 2S, R 53E

Coordinate (UTM):

North 4 1 8 0 8 0 0 mEast 0 5 9 1 5 0 0 mZone +11DEVELOPMENT: Inclined shaft, 160 feet drifts, minor stoping, minor surface cuts, remains old buildings, equipment.ACTIVITY AT TIME OF EXAMINATION: Recently staked, drilled.

GEOLOGY: Workings collared in alluvium, explore hydrothermally altered rhyolite ash tuff(?) unit. The volcanics silicified, oxidized, bleached, argillically altered, with mafics crystalline cinnabar occurs as veinlets/grains in sacchroidal vein quartz, and as botryoidal coatings in vugs in the silicified volcanics. The rocks are also coated with chalcedonic silica and contain minor jarosite(?). No outcrops were observed on claim block, which is covered with alluvium. Late stage cockscomb quartz coats silicious rocks, which also carry very fine barite crystals intergrown with quartz crystals and very fine pyrite. Sandstone was observed on the dump, however, no sedimentary rocks outcrop in vicinity, only volcanics. Dark grey zones in silicious rock suggests finely disseminated sulfide mineralization.

REMARKS: Sample Site 1471.

Note: There are no mine workings on the eastern side of the Summit as indicated by the mine symbol on the map.

REFERENCES: NBMG Bulletin 50, NBMG Bulletin 5.
Holmes, George H. USBM Report of Exam (unpublished, NBMG files)

EXAMINER: Smith/BentzDATE VISITED: October 8, 1983