PROPERTY NAME: Big Four Mine
OTHER NAMES: Pay Day Claims (1979)
MINERAL COMMODITY(IES): Ag, Au
TYPE OF DEPOSIT: Replacement/vein
ACCESSIBILITY: Private access. Property barricaded by no trespassing signs & locked gate.
OWNERSHIP: Phil Heater, 3445 Alpine View Court, Carson City NV 89701
PRODUCTION:
HISTORY:

DEVELOPMENT: Original prospects are now developed by several trenches & open cuts.

ACTIVITY AT TIME OF EXAMINATION: Currently mining on a small scale. Crushing equipment & stock piles of ore located below mine.

GEOLOGY: The actual mine site was not visited but a sample was collected from the stockpiles of ore located below trenches. Sample 1622 consists of massive, milky white quartz vein & quartz vein breccia containing clots of pyrite, galena, sphalerite & secondary coatings of CuOx. The sample contains abundant FeOx, pyrite & Fe-stained veinlets. Rock is highly altered & looks like typical Ag ore. The trenches are cut into a limestone/shale sequence probably part of the Ordovician Aura Fm. According to NBMG Bull. 60, the minesite is underlain by the mid-Jurassic quartz diorite Columbia stock. Breccia & wallrock gouge on dump indicates the vein is faulted or formed along a fault.

According to the first reference cited below, the ore is treated by cyanidation. In 1981, the mine employed 3 people.

REMARKS: Sample 1622
Photo

NBMG Bull. 60.
Bentz/Brooks

EXAMINER: DATE VISITED: 9/2/82