

0480 0088
PROPERTY NAME: COPPER BASIN

OTHER NAMES:

MINERAL COMMODITY(IES): Copper, Turquoise, PB, Ag, Au.

TYPE OF DEPOSIT: Many different but primarily mesothermal.

ACCESSIBILITY: South of Battle Mt. Aprox 5miles and west
of highway 8A.

OWNERSHIP: Duval

PRODUCTION: UNKNOWN

HISTORY:

County: Lander Item 96

Mining District: Battle Mt.

AMS Sheet: Winnemucca

Quad Sheet: Antler Peak 15'

Sec. 32 T 32N R 44E

Coordinate (UTM):

North 441948810 m

East 04970215 m

Zone 11

DEVELOPMENT: Several large open-pits that have exposed a large portion of the east
side of Copper Basin. extensive haulage roads, leach plant and service
buildings

ACTIVITY AT TIME OF EXAMINATION: Primarily a leaching operation, but some ore is being
trucked from the pit to Copper Canyon Mill.

GEOLOGY: The pit at Copper Basin is hosted in Paleozoic, Harmony, Battle Mt. and
Pumppernickel Formations, all of which have been intruded by Tertiary
granitic rocks. Major faulting trends have help control the movement of
hydrothermal fluids moving through and along fractures where they have
altered and mineralized favorable lithologic units. Strong oxidize and
sulfide zones are present within the pit. Moly mineralization is on a
E. W. trend in the basin and is associated with quartz veins. This trend
is currently being drilled along a net work of road to the west.
Photo 35, 36 and 1 are a sequence of the copper basin operation.
Sample #390 is selection of oxidized copper pit material that was headed
for the leaching operation.

REMARKS:

REFERENCES:

EXAMINER: Jack Quade

DATE VISITED: May 9, 1982