PROPERTY NAME: Return Mine

MINERAL COMMODITY(IES): Gold-silver-antimony

TYPE OF DEPOSIT: vein

ACCESSIBILITY: On road that cross the range from the townsite of Ellsworth.

OWNERHIP: Unknown

PRODUCTION: The mine produced but how much and when???

HISTORY: Recorded activity in 1924-25.

DEVELOPMENT: A 236 foot vertical shaft and 1000ft of laterals, originally had a 12 stamp mill later a cyanide plant in operation during 1925.

ACTIVITY AT TIME OF EXAMINATION: None but area was staked and drilled by Cominco American Inc. in 1980.

GEOLOGY: The mine produced auriferous pyrite, silver bearing tetrahedrite and minor base metal sulfides all of which were collected from the dumps and incorporated into Sample 3167. The dumps are almost a solid white mass of hydrothermal altered volcanics. The ore bearing quartz stringers were mined from a bleached white volcanic dike in a shear zone. The host rocks were reported to be metavolcanics but either don't cropout or they are below the surface because they were not observed at the site. Part of the extensive dumps have been removed. The vein-dike-shear bear N60W and look to be close to vertical.

REFERENCES:

EXAMINER: Jack Quade

DATE VISITED: 5-10-86