PROPERTY NAME: Imperial Mine

MINERAL COMMODITY(IES): Au, Ag, Cu, Ph

TYPE OF DEPOSIT: Quartz Vein

ACCESSIBILITY: Good

OWNERSHIP: 

PRODUCTION: 

HISTORY: First worked before 1900.

DEVELOPMENT: Adit, numerous prospect pits, moderate dump (some removed later). Adit portal is caved. Workings are reported to exceed 8 km.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Pyrite, galena, sphalerite, tetrahedrite, chalcopyrite, and other reported sulfide minerals occur in quartz veins which cut diorite. Biotite-bearing granite porphyry occurs on the dump, and some vein matter samples have fragments of a granite porphyry wall(?). At least 15 veins are reported to have been cut by the workings. Most of the veins in the district are reported to trend northwest to north-northwest (see plate 3 of Wallace, 1977). Some rocks on the dump are silicified. Quartz veins exhibit some open-space textures. Tourmaline(?) may be present in quartz vein matter, as well as calcite.

REMARKS: Photo L0842-23 is of the ore bin and dump of the mine. Sample 2328 is of select vein matter from the haul road near the ore bin (the tetrahedrite-rich sample(s)) were collected 30 m from the ore bin.


EXAMINER: L. J. Garside

DATE VISITED: 12 Sep. 84