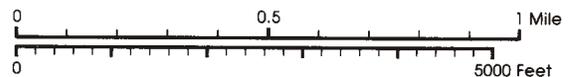


Catherine Mountain Molybdenite Prospect (Catherine Hill)

Town: T10 SD, Hancock County
Base map: Tunk Lake 7.5' quadrangle
Contour interval: 20 feet



Type of deposit: Granite with narrow pegmatite veins and mineralized joints containing molybdenite.

Collecting status: Site is located in a sparsely inhabited woodland terrain and is believed to be open for recreational mineral collecting unless otherwise posted.

Minerals observed: albite, beryl, biotite, bismuth, clinocllore, epidote, ferberite, ferrimolybdite, fluorapatite, fluorite, holmanite(?), hornblende, magnetite, microcline, molybdenite, muscovite, powellite(?), pyrite, quartz, scheelite, stilbite.

Comments: The largest molybdenite plates occur in the pegmatite veins, but molybdenite is also found on joint surfaces and as sparsely disseminated flakes in granitic aplite and the granite adjoining pegmatite veins. The pegmatites are usually no more

than a few inches across, but their thicker portions may be vuggy and contain crystals of quartz, feldspar, and biotite. Quartz crystals up to 3 inches long have been reported from here (Hess, 1908; Trefethen and Miller, 1947; Young, 1963).

Directions: *Driving:* From jct. of Rtes. 182 and 200 in Franklin, drive east on Rte. 182 for 9.60 miles, passing Fox Pond on right, to highest part of road on eastern spur of Catherine Mountain. At this point there is an old house on left and field on right. Park on right side of Rte. 182, adjacent to field.

Walking: Follow woods road west, up onto Catherine Mountain, to where it ends in area of recent logging. Follow marked trail uphill to prospect holes in ledges. Numerous prospects are scattered along the mountain crest, westward from point shown on map.