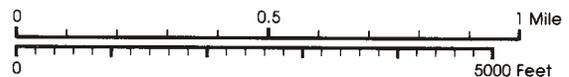


## Warren Nickel Prospect

**Town:** Warren, Knox County

**Base map:** Union 7.5' quadrangle

**Contour interval:** 20 feet



**Type of deposit:** Metal sulfides in igneous rock.

**Collecting status:** Owned by Knox Mining Company at time of field check. Property or mineral rights may have been sold, so inquire locally.

**Minerals observed:** andesine-bytownite, apatite, augite, biotite, bornite, bravoite, calcite, chalcocite, chalcopyrite, clinocllore, cummingtonite, diopside, enstatite, fluoroapatite, forsterite, galena, garnet, graphite, hematite, hercynite, hornblende, ilmenite, mackinawite, magnetite, marcasite, molybdenite, niggliite, olivine, pentlandite, pyrite, pyrrhotite, quartz, rutile, sperrylite, sphalerite, spinel, valleriite (list modified from Rainville and Park, 1976).

**Comments:** This is one of the few places in southern Maine where large masses of pyrrhotite and chalcopyrite can readily be

found. Much of this sulfide ore is somewhat weathered and crumbly, but good specimens can be trimmed out. Many of the minerals listed above occur in very small quantities and may be observable only with the aid of a microscope.

**Directions:** *Driving:* From jct. of Rtes. 17 and 131-south (east of Union village), drive south 2.60 miles on Rte. 131, crossing the Warren town line at 2.30 miles. Turn left onto woods road (note large boulder to right of road entrance, and stone wall to left). Park here.

*Walking:* Walk east on woods road until reaching the prospect pit (about 0.10 mile). Note rusty pile of ore minerals in the pit area.