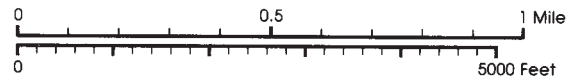


Mount Apatite Quarries - Eastern Group and Turner Quarry

Town: Auburn, Androscoggin County

Base map: Minot 7.5' quadrangle

Contour interval: 10 feet



Mount Apatite Quarries - Eastern Group (Maine Feldspar and Greenlaw Quarries)

Type of deposit: Granite pegmatite.

Collecting status: Open for collecting; permission not required. Owner: City of Auburn, Parks and Recreation Department, 48 Pettengill Park Road, Auburn, Maine 04210 (207-333-6601 X 2108).

Minerals observed: albite, almandine (garnet), annite, arsenopyrite, autunite/meta-autunite, bertrandite, beryl (aquamarine, green, pink), biotite, cassiterite, cookeite, damourite, diadochite, dickinsonite, elbaite (tourmaline), eosphorite, fluorapatite, gahnite, hydroxyl-hercynite, jahnsite group, lepidolite, lithiophilite, löllingite, malachite(?), manganocolumbite,

manganotantalite, microcline, microlite, montebrasite, montmorillonite, muscovite, pollucite, pyrite, quartz (milky, smoky), rhodochrosite, schorl (tourmaline), spodumene, torbernite/ metatorbernite, uraninite, zircon.

Comments: The Greenlaw Quarry produced fine gem-quality elbaite crystals (green, pink, blue), and large parallel-growth clusters of smoky quartz crystals. Beware of high cliffs and water-filled pits. Dumps are scattered through woods.

Directions: *Driving:* From jct. of Rtes. 4-100-202 and 11-121 in Auburn, go west on Rtes. 11-121 for 1.90 miles. Turn right onto Garfield Road and drive northwest for 0.50 mile. Turn left onto Stevens Mill Road. Go 0.20 mile and park outside gate (note military compound on left).

Walking: Follow dirt road west across open field, then uphill through woods, for about 0.75 mile to the quarries. Greenlaw pits are on right; large water-filled Maine Feldspar Quarry is on left.

Turner Quarry

Type of deposit: Granite pegmatite.

Collecting status: The quarry belongs to Mount Apatite Farm, located just south of here on the same side of the road. Clubs and individuals must arrange collecting trips in advance by contacting the owner: "Cookin' Carol," 207-795-6376 or 650-1573. There is a charge of \$5.00/person/day to collect here.

Catered meals are available for groups.

E-mail: cookincarol@maine.com

Website: www.cookincarol.com/intro.html

Minerals observed: albite (feldspar), almandine (garnet), beryl (green, blue, yellow), biotite, cassiterite, columbite, elbaite (tourmaline: green, pink, blue, bicolored), fluorapatite (blue, purple), lepidolite, microcline (feldspar), muscovite, quartz (milky, smoky), schorl (tourmaline), zircon.

Directions: *Driving:* From the junction of Rtes. 4-100-202 and 11-121 in Auburn, go west on Rte. 11-121 for 3.05 miles. Turn right onto Hatch Road and drive about 0.4 mile to Mount Apatite Farm on right.