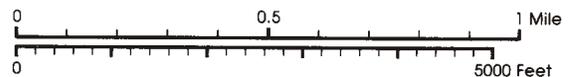


Cole Quarry

Town: Stoneham, Oxford County

Base map: Center Lovell and Speckled Mountain 7.5' quadrangles

Contour interval: 20 feet



Type of deposit: Granite pegmatite.

Collecting status: Located in the White Mountain National Forest. No permission is needed to collect minerals here. However, collecting must be noncommercial, done with hand tools, and not greatly disturb the quarry area.

Minerals observed: albite (including var. cleavelandite), almandine (garnet), autunite/meta-autunite, beraunite, beryl, biotite, columbite, diadochite, eosphorite, fairfieldite, fluorapatite, heterosite, hureaulite, ludlamite, microcline, montmorillonite, muscovite, pyrite, pyrrhotite, quartz (milky, smoky), siderite, sphalerite, stewartite, strunzite, triphylite, uraninite (sharp crystals), uranophane (?), vivianite, zircon, plus several unidentified species.

Comments: Parking space is limited, and a strenuous hike is required to reach this locality, but the unusual minerals and fine scenery on top of Adams Mountain will be sufficient reward for some collectors. Several of the species listed above have not been previously recorded from the Cole Quarry. They include small patches and micro crystals of phosphate minerals derived from the alteration of triphylite. Pieces of triphylite with a brown weathered exterior are found in the dump below the mine. Beryl crystals and radioactive minerals such as uraninite may also be found here.

Directions: *Driving:* Starting at Rte. 5 in North Lovell, turn northwest onto West Stoneham Rd., which leads to Evergreen Valley recreation area, and drive 1.90 miles. Turn right onto Adams Rd. and continue approximately 2 miles to site of former ski area on west side of Evergreen Valley. Park on shoulder of main road, past clearing surrounding former ski lodge.

Walking: Walk steeply uphill to west, intercepting and following path of old ski lift (towers have been removed), for total of about 5,000 feet to summit of Adams Mtn. From summit, walk

south-southeast across open ledges for about 225 feet to edge of low cliff. Quarry pit is located in cliff face, with dump on steep hillside below.