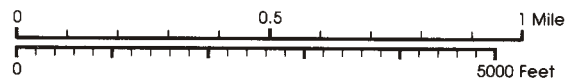


Sanford Vesuvianite Locality (Goodall Farm Prospect; Webster Vesuvianite Prospect)

Town: Sanford, York County
Base map: Sanford and Alfred 7.5' quadrangles
Contour interval: 20 feet (Sanford quad), 10 feet (Alfred quad)



Type of deposit: Calc-silicate minerals in metamorphic rock.

Collecting status: Open by advance owner permission only. Contact Mrs. Arthur Clark, 270 Spurwink Ave. Cape Elizabeth, ME 04107. Phone: (207) 799-1691.

Minerals observed: andesine, actinolite, calcite, clinozoisite, diopside, fluorite, greenockite, grossular (garnet), meionite (scapolite group), molybdenite, powellite, pyrite, quartz, scheelite, sphalerite, titanite, vesuvianite.

Comments: The Sanford locality is especially noteworthy for its excellent vesuvianite crystals. It is listed as a source of this mineral in Dana's mineralogy textbooks, and was originally

brought to the attention of the scientific community by Prof. J. H. Webster (Harvard Univ.) in an article published in the American Journal of Science in 1848. Leavitt and Leavitt (1993) have provided a recent description of this site. Crystals of vesuvianite and other minerals can often be revealed by using acid to dissolve the surrounding calcite. Beware of the abundant poison ivy in the area.

For anyone interested in collecting fluorescent minerals this is an excellent locality. The powellite, scheelite, meionite, titanite, fluorite, and some of the calcite are fluorescent. It is possible to collect cabinet-size specimens that show as many as four different colors under short-wave ultraviolet light. The best area to collect these fluorescent specimens is about 700 feet from the Webster Prospect. Prospect pits are located approximately 700 ft and 2000 ft northeast of the original Webster prospect shown on the map.

Directions: *Driving:* From the jct. of Rtes. 109 and 4 in South Sanford, go north 0.60 mile on Rte. 4. Turn left onto School Street at blinking traffic light, and proceed northwest 1.05 miles to woods road/trail on right (on wooded section of School Street). Turn right onto woods road and drive north 0.15 mile to small parking area. CAUTION: Do not park on School Street. This is a hazardous traffic area due to hill, curve, and narrow road shoulders.

Walking: From parking area, walk east on trail 100 feet to Webster Prospect. Site consists of small pit and several other prospects over distance of approximately 100 feet. Fluorite, grossular, and meionite occur along exposed contacts between bedrock units, about 700-2000 feet east-northeast of prospect.