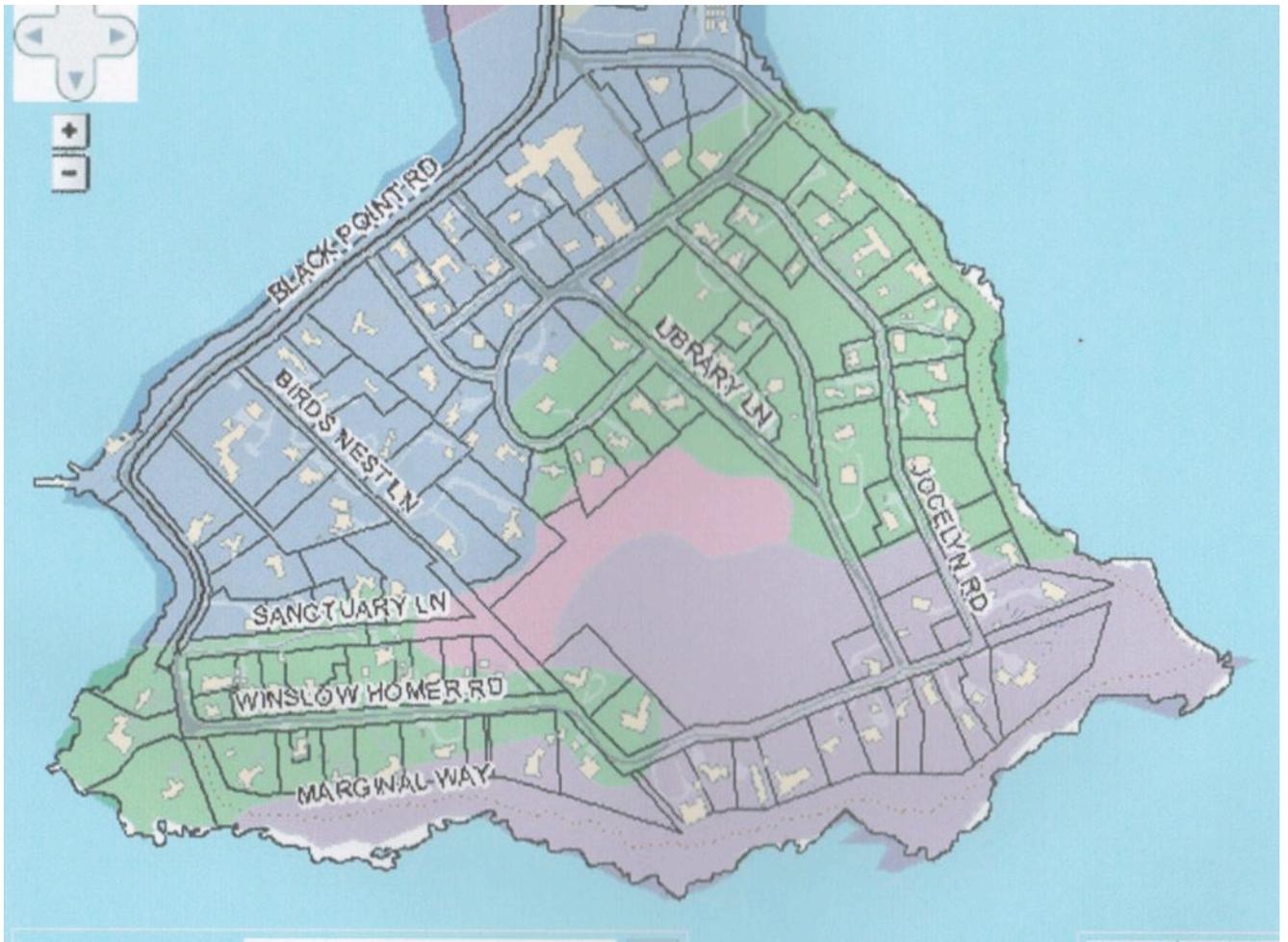


APPENDIX A

Soils of Prout's Neck as illustrated by Town of Scarborough Assessing Division - 2012



BLUE: Hinckley Gravelly Sandy Loam, 3 to 8 percent slopes

The Hinckley series consists of deep, excessively drained, gently sloping to strongly sloping soils that are moderately coarse textured to coarse textured. . . It is on terraces and on the tops of eskers. Runoff is slow. . . This Hinckley soil can be used for hay, pasture, and woodland but droughtiness in dry weather is a limitation. If this soil is irrigated and heavily fertilized, it can also be used for row crops. This soil does not retain fertilizer well, so large applications are needed. If it is used for woodland, white pine and red pine are suitable for planting, but seed mortality is severe.

GREEN: HOLLIS Very Rocky Fine Sandy Loam, 3 to 8 percent slopes

This soil is on the crests of wooded ridges. It has a profile similar to the one described as representative of the series [shallow, somewhat excessively drained, gently sloping to steep, moderately coarse-textured], except that its surface layer and the upper part of its subsoil are slightly thinner, and depth to bedrock is about 16 inches. This soil has many

rock outcrops. . . This Hollis soil can be used as permanent pasture and as woodland. White pine and white spruce are suitable for planting, but seedling mortality is high. . . Shallowness to bedrock very severely limits the use of this soil for community development. Recreational uses are moderately to very severely limited by shallowness to bedrock and many rock outcrops.

PURPLE: Hollis Very Rocky Fine Sandy Loam 8-20% slopes

This soil is on the lower part of the slopes of wooded ridges. It has a profile similar to the one described as representative of the series, except that its surface layer and the upper part of its subsoil are slightly thinner and the depth to bedrock is about 14 inches. . . This Hollis soil can be used as permanent pasture and as woodland. White pine and white spruce are suitable for planting, but seedling mortality is high. . . Limitations are very severe for community development because of shallowness to bedrock. Limitations are moderate to very severe for recreational use because of shallowness to bedrock, many rock outcrops, and steepness of slope.

PINK: Scarboro Sandy Loam

It is in depressions in old delta areas. . . This Scarboro soil is wet throughout the year. Permeability is rapid to very rapid, but internal drainage is affected by a high water table. Runoff is slow. If drainage is provided, Scarboro sandy loam can be used for hay and pasture. Locating suitable drainage outlets is a concern of management. . . Trees that commonly grow in the areas are not suitable for planting, because seedling mortality is severe. . . This soil is well suited to habitat for wetland wildlife. Limitations are very severe for all community and recreational uses, principally because of the high water table.

Source: Soil Conservation Service, USDA, in cooperation with Maine Agricultural Experiment Station, August 1974, based on surveys for the period 1961 to 1968, pp 18-21 & 31-32.