Soils have characteristics that show:

- Ridgebury fine sandy loam
- Pawcatuck mucky peat
- Saco silt loam
- Wilbraham and Menlo soils, extremely stony

The soils were mapped at a scale of 1:12,000 with a minimum size of 200 square feet. For more information on the criteria, on the Internet go to the Federal Register (wetland indicator plant species). Soils that are sufficiently wet enough during the growing season to develop hydric soils have been established.