NORTHEAST SOILS, INC.

ENVIRONMENTAL ASSESSMENTS • INLAND WETLANDS IDENTIFICATION
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March 14, 1995

Job No. 3-95-79-STAM ,

Edward J. Frattaroli, Inc.
62 Mill River St.
Stamford, CT 06902

PROJECT LOCATION: Lot #11 Breezy Hill Rd., Stamford, Connecticut.

SOIL REPORT

In conducting the field investigation, many soil borings were taken in which the soil scientist notes many important soil properties. They are as follows; the seasonal soil moisture condition or the presence of free water and its depth. For each horizon in the soil profile, thickness, color, and texture are also noted. The areas shown on the soil map are called soil map units. Some map units are made up of one kind of soil, others are made up of two or more kinds of soil, and a few have little or no soil material at all. The information in this report is based on examination and interpretation of soils to a maximum depth of about 60 inches. The classification of the National Cooperative Soil Survey, USDA, Soil Conservation Service and the County Soil Legend were used in this investigation.

Inspection Date: March 14, 1995
Map: Property map
Scale: 50
Contour: None
Size of project: 1.352 acres

Wetland soils field marked for survey: YES
Nonwetland soils field identified and sketched: YES
Soil conditions at the time of survey: WET
Property lines field surveyed at the time of soil inspection: N/A
Property lines identifiable: SOMEWHAT
Vegetation type wetlands---: HARDWOODS

Vegetation type nonwetlands: HARDWOODS

NORTHEAST SOILS

Bruce C. Laskey

Bruce C. Laskey
Soil Scientist

RECEIVED 11/13/95

PROJECT: Lot #11 Breezy Hill Rd., Stamford, CT.

Marking sequence of wetland boundaries

Orange flagging 1 thru 10 11 thru 26

Soil Type Wetland Soils	Depth To Mottling	Depth To Bedrock	Depth To Seasonal High Water Table	% Bedrock in Soil Unit
(Rn) Ridgebury Leicester and Whitman	10-15" " " 5-10"	>60"	0-18" Nov-May " " " " 0-06" Sept-June	none
NONWETLAND SOILS				
(Cr) Charlton-Hollis	>40"	>60" <24"	>72"	5-15%
(Sw) Sutton	15-39"	>60"	18-42" Nov-April	none
(UD) Udorthents	variable	>60"	>24"	none

Comments: None

Soil descriptions begin on page 3.

SOIL DESCRIPTIONS

WETLAND SOILS

Ridgebury, Leicester, and Whitman extremely stony fine sandy loams (Rn)
This soil unit consists of poorly drained and very poorly drained soils that have developed on glacial till. Stones and boulders cover 5 to 35 percent of the surface. Typically, the surface layer of these soils are very dark gray to black fine sandy loam 4 to 8 inches thick. The subsoil ranges from a mottled brown to a dark grayish brown fine sandy loam 14 to 25 inches thick. The substratum ranges from a mottled olive brown to a mottled grayish brown fine sandy loam. The soils in this unit have a seasonal high water table at or near the surface from fall through spring.

SOIL DESCRIPTIONS

NONWETLAND SOILS

Charlton-Hollis fine sandy loams, very rocky (Cr) This complex consists of well drained and somewhat excessively drained upland soils that developed in very friable to firm glacial till, derived mainly from gneiss and schist. The well drained Charlton soil has a surface soil and subsoil texture to a depth of 20 to 30 inches of fine sandy loam. The underlying material is sandy loam or fine sandy loam with numerous rock fragments. The Hollis soil is somewhat excessively drained, friable to very friable fine sandy loam less than 20 inches deep to bedrock. These soils have moderate or moderately rapid permeability, but drainage is restricted by the underlying bedrock.

Sutton very stony fine sandy loam (Sw) This soil series consists of moderately well drained soils that formed in glacial till derived mainly from gneiss and schist. Stones and boulders cover 1 to 5 percent of the soil surface. Typically, this soil has a surface layer of dark grayish brown fine sandy loam 8 inches thick. The subsoil and substratum are yellowish brown, mottled fine sandy loam. Mottles generally occur within 20 inches of the surface. This soil has a seasonal high water table at a depth of about 20 inches from late fall until midspring.

Udorthents, smoothed (UD) This soil series consists of well to moderately well drained soils that have been disturbed. Typically, the soil profile has been disturbed to such an extent that the orginal soil cannot be identified. The disturbance could have been through leveling, excavating or filling.