

Project: Marion Project

Date: 3/20/91

TP-1

Investigator: R. Chlanda

Depth	Elev.	Soil Description
0.0-3.0	7.2-4.2	Dredged Fill, Sand, Poorly Graded, coarse to medium w/shells, less than 5% non-plastic fines, <5% gravel, lt. brown, loose. (SP)
3.0-3.5	4.2-3.7	Organic soil, w/sand about 20% fine sand, swamp, marsh deposit, soft. (OL)
3.5-4.3	3.7-2.9	Fat Clay, highly plastic, marine, soft, gray. (CH)
4.3-5.7	2.9-1.5	Peat w/fibrous roots and organics which give some strength, soft, black. (Pt)
5.7-8.0	1.5-(-0.8)	Sandy silt, non-plastic, w/40-45% fine sand, compact, gray-green. (ML)
8.0-10.0	(-0.8)-(-2.8)	Glacial Till, poorly graded sand w/silt, 10% non-plastic fines, gray brown. (SP-SM)
10.0	(-2.8)	Bottom of pit. 10.0.
	(-) Below MSL	

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TP-2

Investigator: R. Chlanda

Depth	Elev.	Soil Description
0.0-3.0	7.3-4.3	Dredged Fill, Poorly graded sand, coarse to medium, w/shells, less than 5% non-plastic fines, <5% gravel, lt. brown, loose. (SP)
3.0-4.0	4.3-3.3	Organic soil w/sand and Peat, about 5% v. fine sand, soft, swamp, marsh deposits. (OL) (PT)
4.0-6.0	3.3-1.3	Sandy silt, non-plastic w/40-45% v. fine sand, compact, gray. (ML)
6.0	1.3	Glacial till, poorly graded sand w/silt, coarse to fine, mostly medium, dense, light brown, 10-15% non-plastic fines. (SP-SM)
		Bottom of pit 6.0'.
		Water table @ 3.0'.

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TP-3

Investigator: R. Chlanda

Depth	Elev.	Soil Description
0.0-3.3	7.2-3.9	Dredged fill, Poorly graded sand, coarse to fine, mostly medium, w/shells, less than 5% non-plastic fines, loose lt. gray. (SP)
3.3-4.5	3.9-2.7	Peat, w about 5% fine sand, soft, fibrous, marsh deposits. (Pt)
4.5-6.0	2.7-1.2	Poorly graded sand, mostly medium, light brown, w less than 5% non-plastic fines, loose. (SP)
6.0-7.6	1.2-(-0.4)	Glacial Till, poorly graded sand w/silt, coarse to fine, mostly medium, light brown, with 10-15% non-plastic fines. (SP-SM)
7.6	(-0.4)	Bottom of pit 7.6'.
	(-)	Below sea level.

SPRAGUES COVE / FRONT STREET
STORMWATER REMEDIATION PROJECT
MARION, MASSACHUSETTS
LOG OF TEST PITS

 U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Investigated R. CHLANDA	Date 3/91	Approved by.....
Designed P. SEAVER	4/93	Title.....
Drawn.....		Title.....
Traced.....		Sheet No. 5 Drawing No. 6
Checked C.J. GUSTAFSON	5/93	