



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING NUMBER: B-101
 SHEET 1 of 1
 DATE STARTED: 8/10/07
 DATE COMPLETED: 8/10/07

PROJECT NAME: ESSEX TOWN
 SITE NAME: VT117/TH4
 STATION: 4+237.40
 OFFSET: 9.40
 VTSPG: N 219994.72 m E 456308.25 m

PROJECT NUMBER: STP 5400(5)
 SITE NUMBER: POLE BASE
 GROUND ELEVATION: 92.49 m
 GROUNDWATER DEPTH: Hole Cave in at 4.88m
 PROJECT PIN NUMBER: 97D002

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
1		A-2-4, SiSa, brn, Moist, Rec. = 0.30 m	16	8.6	13.6	65.7	20.7		
		Field Note, No Recovery, Stone in end of sampler	6						
2		A-3, Sa, brn, Moist, Rec. = 0.49 m	5	7.2	1.8	91.5	6.7		
		A-3, Sa, brn, Moist, Rec. = 0.49 m	7	8.4	1.3	89.4	9.3		
3		A-2-4, Sa, gry, Moist, Rec. = 0.46 m	8	9.9	2.3	79.1	18.6		
		A-2-4, SiSa, gry, Moist, Rec. = 0.43 m	9	15.8	2.0	68.2	29.8		
4		A-2-4, Sa, gry, Wet, Rec. = 0.40 m	8	23.1	1.1	86.1	12.8		
		A-2-4, SiSa, brn, Wet, Rec. = 0.40 m	7	23.4	2.2	76.7	21.1		
5		A-3, Sa, brn, Wet, Rec. = 0.61 m	6	22.2	1.5	94.1	4.4		
		A-3, Sa, brn, Wet, Rec. = 0.61 m	6	26.1	0.2	97.5	2.3		
6		A-1-b, Sa, brn, Wet, Rec. = 0.21 m	3	23.5	9.5	84.4	6.1		
		Field Note, Tough drilling in Cobbles and gravel material at 22.5 ft.							
8		A-3, Sa, brn, Wet, Rec. = 0.15 m	11	20.0	5.6	90.8	3.6	16	4
		A-4, SaSi (HP), gry, Moist, Rec. = 0.40 m		10.1	18.9	29.2	51.9		
9		A-1-b, GrSa, gry, Wet, Rec. = 0.34 m	39	14.1	32.4	54.5	13.1		
10		Hole stopped @ 9.75 m							
11		DRILLER'S NOTE: 1. Possible water table at 3.66m							
12									
13									
14									

LOG OF BORING ESSEX TOWN STP 5400(S)METRIC.GPJ VT AOT.GDT 11/26/07