



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

BORING NUMBER: SB-6
SHEET 1 of 1
DATE STARTED: 8/31/06
DATE COMPLETED: 9/06/06

PROJECT NAME: WATERBURY
SITE NAME: PARK-&-RIDE
STATION: BL2: 6+82.4
OFFSET: 52.30
VTSPG: N 672725.79 ft E 1576789.32 ft

PROJECT NUMBER: CMG PARK(11)SC
SITE NUMBER:
GROUND ELEVATION: 511.52 ft
GROUNDWATER DEPTH: Hole Caved In
PROJECT PIN NUMBER: 99K002

BORING CREW
CREW CHIEF: HOLT
DRILLER: GARROW
LOGGER: PORTER

BORING RIG: LAG TRACK RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: TUBE & VANE
CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5		A-4, Cisi, gry, Moist, Sample A from UU test, Su = 1900 psf A-7-6, SiCl, gry, Moist, Sample B&C from UU test, Su = 1165 psf, Total Tube Rec. = 1.7 ft.		36.0 38.9	0.0 0.0	1.6 0.6	98.4 99.4	40 42	7 14
		Vane Shear 1100/300 psf, 8.58 ft - 9.0 ft							
10		Rod Friction 375 psf, 10.0 ft - 11.5 ft							
15		A-4, Cisi Vane Shear 2350/350 psf, gry, Moist, Sample off Vane. A-7-6, SiCl, gry, Moist, UU Sample A, Su = 1060 psf A-4, Cisi, gry, Moist, UU Sample B, Su = 1300 psf A-7-6, SiCl, gry, Moist, UU Sample C, Su = 885 psf, Total Tube Rec. = 2.0 ft.		39.1 40.1 41.0 41.8	0.0 0.0 0.0	0.8 1.5 0.7 0.5	99.2 98.5 99.3 99.5	35 41 38 42	9 12 8 16
		A-6, SiCl Vane Shear 1725/300 psf, gry, Moist, Sample off Vane.		42.4	0.0	0.9	99.1	40	15
20		Rod Friction 375 psf, 20.0 ft - 20.5 ft							
		Vane Shear 850/125 psf, 23.58 ft - 24.0 ft							
25		A-4, Cisi, gry, Moist, Rec. = 2.0 ft, Sample A, B, & C from UU Test, Su = 1510 psf		39.6	0.0	0.3	99.7	39	7
		A-4, Si Vane Shear 2100/400 psf, gry, Moist		41.1	0.0	0.6	99.4	37	5
30		Rod Friction 450 psf, 29.5 ft - 30.0 ft Hole stopped @ 30.0 ft							
35		DRILLER'S NOTES: 1. Vane used was 2.5x5 inches. 2. Vane Shear = Initial/Remold 3. See Geotechnical Report for further explanation of Triaxial test results. 4. UU tests conducted in accordance with AASHTO T296.							

LOG OF BORING WATERBURY CMG PARK(11)SC.GPJ VT AOT.GDT 12/8/06