

PROJECT NAME: CRAFTSBURY PROJECT NUMBER: BRO 1449(24)
 SITE NAME: TH-59 SITE NUMBER: BR-2
 STATION: 10+101.80 GROUND ELEVATION: 268.54 m
 OFFSET: 2.50 GROUNDWATER DEPTH:
 VTSPG: N 237486.11 m E 508818.08 m PROJECT PIN NUMBER: 96J310

BORING CREW BORING RIG: LARGE SKID RIG
 CREW CHIEF: TALLMAN BORING TYPE: WASH BORE
 DRILLER: TALLMAN SAMPLE TYPE: SPLIT BARREL
 LOGGER: GARROW CHECKED BY:

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
2		No Recovery, 1.50 m - 2.10 m	4						
4		A-4, SaSi, gry, Moist, Rec. = 0.60 m	4	29.1	0.0	25.7	74.3	32	6
6		A-4, Si, gry, Moist, Rec. = 0.60 m	WH	43.5	0.0	18.9	81.1		
8		A-4, SaSi, gry, Moist, Rec. = 0.50 m	3	25.9	8.9	34.9	56.2		
10		Visual Classification: A-4, Silt, gry, Moist, Rec. = 0.45 m, 7.50 m - 8.10 m	4	26.2					
12		A-4, Si, gry, Moist, Rec. = 0.60 m	4	27.0	0.6	5.9	93.5	21	4
14		Visual Classification: A-4, Silt, gry, Moist, Rec. = 0.48 m, 10.50 m - 11.10 m	3	28.1					
16		Visual Classification: A-4, Silt, gry, Moist, Rec. = 0.50 m, 12.00 m - 12.60 m	5	28.4					
18		A-4, Si, gry, Moist, Rec. = 0.60 m	4	33.2	0.0	2.9	97.1	25	6
20		Visual Classification: A-4, Silt, gry, Moist, Rec. = 0.60 m, 15.00 m - 15.60 m	2	32.5					
22		A-4, SiSa, gry, Moist, Rec. = 0.60 m	2	24.1	5.1	48.3	46.6	24	6
24		Visual Classification: A-4, Silt, gry, Moist, Rec. = 0.25 m, 18.00 m - 18.60 m	WH	32.2					
26		Visual Classification: A-4, Silt, gry, Moist, Rec. = 0.30 m, 19.50 m - 20.10 m	3	33.1					

LOG OF BORING CRAFTSBURY BRO1449(24).GPJ VT AUT.GDT 8/29/06

PROJECT NAME: CRAFTSBURY PROJECT NUMBER: BRO 1449(24)
 SITE NAME: TH-59 SITE NUMBER: BR-2
 STATION: 10+101.80 GROUND ELEVATION: 268.54 m
 OFFSET: 2.50 GROUNDWATER DEPTH:
 VTSPG: N 237486.11 m E 508818.08 m PROJECT PIN NUMBER: 96J310

BORING CREW BORING RIG: LARGE SKID RIG
 CREW CHIEF: TALLMAN BORING TYPE: WASH BORE
 DRILLER: TALLMAN SAMPLE TYPE: SPLIT BARREL
 LOGGER: GARROW CHECKED BY:

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
22		Visual Classification: A-4, Silt, gry, Moist, Rec. = 0.35 m, 21.00 m - 21.60 m	2	33.1					
24		A-4, Si, gry, Moist, Rec. = 0.25 m	WH	32.3	0.0	0.9	99.1	25	3
26		Visual Classification: A-4, Silt, gry, Moist, Rec. = 0.60 m, 24.00 m - 24.60 m	2	34.5					
28		Visual Classification: A-4, Silt, gry, Moist, Rec. = 0.20 m, 27.00 m - 27.60 m	3	38.8					
30		A-7-6, Cl, gry, Moist, Rec. = 0.60 m	WH	47.8	0.0	0.9	99.1	48	23
32		Visual Classification: A-6, Silty Clay, gry, Moist, Rec. = 0.55 m, 33.00 m - 33.60 m	WH	43.1					
34		Visual Classification: A-4, Clay Silt, gry, Moist, Rec. = 0.60 m, 36.00 m - 36.60 m	WH	41.5					
36		A-4, Si, gry, Moist, Rec. = 0.35 m	WH	39.6	0.0	0.4	99.6		

LOG OF BORING CRAFTSBURY BRO1449(24).GPJ VT AUT.GDT 8/29/06

PROJECT NAME: CRAFTSBURY PROJECT NUMBER: BRO 1449(24)
 SITE NAME: TH-59 SITE NUMBER: BR-2
 STATION: 10+101.80 GROUND ELEVATION: 268.54 m
 OFFSET: 2.50 GROUNDWATER DEPTH:
 VTSPG: N 237486.11 m E 508818.08 m PROJECT PIN NUMBER: 96J310

BORING CREW BORING RIG: LARGE SKID RIG
 CREW CHIEF: TALLMAN BORING TYPE: WASH BORE
 DRILLER: TALLMAN SAMPLE TYPE: SPLIT BARREL
 LOGGER: GARROW CHECKED BY:

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
44		Visual Classification: A-4, Sandy Silt, gry, Moist, Rec. = 0.35 m, 42.00 m - 42.60 m	WH	36.2					
46		No Recovery, 45.00 m - 45.60 m	WH						
48		Visual Classification: A-4, Sandy Silt, gry, Moist, Rec. = 0.30 m, 48.00 m - 48.60 m	WH	23.4					
50		No Recovery, 51.00 m - 51.60 m	WH						
52		BXMDC, Into Rock material, 52.73 m - 53.18 m, Rock break from 53.18m-53.64m.							
54		BXMDC, Into Rock material, 53.64 m - 54.55 m, Broke through with core barrel at 54.55m, Went down to 55.16m, No Rock, Casing plugged.							
56		Hole stopped @ 55.16 m DRILLER'S NOTES: Hole caved in @ 3.35m, No water found.							

LOG OF BORING CRAFTSBURY BRO1449(24).GPJ VT AUT.GDT 8/29/06

PROJECT NAME: CRAFTSBURY PROJECT NUMBER: BRO 1449(24)
 SITE NAME: TH-59 SITE NUMBER: BR-2
 STATION: 10+083.00 GROUND ELEVATION:
 OFFSET: 2.50 GROUNDWATER DEPTH: 3.15 m 3/22/04
 VTSPG: N 237471.71 m E 508805.85 m PROJECT PIN NUMBER: 96J310

BORING CREW BORING RIG: TRUCK
 CREW CHIEF: TALLMAN BORING TYPE: WASH BORE
 DRILLER: TALLMAN SAMPLE TYPE: SPLIT BARREL & TUBE
 LOGGER: RUSSELL CHECKED BY:

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
0.5									
1.0		A-1-a, SaGr, gry, Moist, Rec. = 0.30 m	61	10.3	50.4	34.1	15.5		
2.0		A-2-4, SiSi, gry, Moist, Rec. = 0.36 m	5	24.8	7.7	69.6	22.7		
3.0		A-2-4, SiSa with small particles of wood, brn, Moist, Rec. = 0.20 m	3	39.6	4.7	64.3	31.0		
4.0		A-4, Si with small particles of wood, gry, Moist, Rec. = 0.45 m	9	34.0	0.5	18.2	81.3		
5.0		Shelby Tube Attempted, 5.00 m - 5.60 m, No Recovery							
6.0		Vane Shear 400/30 psf, 5.90 m - 6.05 m							
6.5		A-4, Si Shelby Tube#1, Rec. = 0.56m, gry, Moist		27.2	0.0	8.1	91.9	27	5
		A-6, SiCl, gry, Moist, Bottom half of Tube #1		43.7	0.0	1.6	98.4	38	17

LOG OF BORING CRAFTSBURY BRO1449(24).GP1_VT_A01.GDT_8/29/06

PROJECT NAME: CRAFTSBURY PROJECT NUMBER: BRO 1449(24)
 SITE NAME: TH-59 SITE NUMBER: BR-2
 STATION: 10+083.00 GROUND ELEVATION:
 OFFSET: 2.50 GROUNDWATER DEPTH: 3.15 m 3/22/04
 VTSPG: N 237471.71 m E 508805.85 m PROJECT PIN NUMBER: 96J310

BORING CREW BORING RIG: TRUCK
 CREW CHIEF: TALLMAN BORING TYPE: WASH BORE
 DRILLER: TALLMAN SAMPLE TYPE: SPLIT BARREL & TUBE
 LOGGER: RUSSELL CHECKED BY:

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
7.5		Vane Shear 650/200 psf, 7.10 m - 7.25 m							
		A-4, Si Shelby Tube#2, Rec. = 0.58m, gry, Moist		31.9	0.0	6.9	93.1	25	6
		A-6, SiCl, gry, Moist, Bottom half of Tube #2		40.0	0.0	2.3	97.7	34	13
8.5		Vane Shear 540/60 psf, 8.30 m - 8.45 m, Sample off Vane.		33.9				22	5
		A-4, Cisi Shelby Tube#3, Rec. = 0.27m, gry, Moist, Stopped by a Stone		22.9	0.0	8.1	91.9	30	7
10.5		Vane Shear 600/100 psf, 10.20 m - 10.35 m							
		Shelby Tube Attempted, 10.50 m - 11.10 m, No Recovery							
11.5		A-4, Visual Classification: Si, Vane Shear 700/60 psf, gry, Moist, Sample off Vane		30.7				25	5
		A-4, Si Shelby Tube#4, Rec. = 0.26m, gry, Moist		25.1	0.0	10.7	89.3	23	3
12.5		Vane Shear 790/100 psf, 12.60 m - 12.75 m							
		Shelby Tube Attempted, 12.90 m - 13.50 m, No Recovery							
13.5		Vane Shear 1275/130 psf, 13.80 m - 13.95 m							

LOG OF BORING CRAFTSBURY BRO1449(24).GP1_VT_A01.GDT_8/29/06

PROJECT NAME: CRAFTSBURY PROJECT NUMBER: BRO 1449(24)
 SITE NAME: TH-59 SITE NUMBER: BR-2
 STATION: 10+083.00 GROUND ELEVATION:
 OFFSET: 2.50 GROUNDWATER DEPTH: 3.15 m 3/22/04
 VTSPG: N 237471.71 m E 508805.85 m PROJECT PIN NUMBER: 96J310

BORING CREW BORING RIG: TRUCK
 CREW CHIEF: TALLMAN BORING TYPE: WASH BORE
 DRILLER: TALLMAN SAMPLE TYPE: SPLIT BARREL & TUBE
 LOGGER: RUSSELL CHECKED BY:

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
14.5		Shelby Tube Attempted, 14.10 m - 14.70 m, No Recovery							
15.5		A-4, Si Vane Shear 702/115 psf, gry, Moist, Sample off Vane		33.4	0.0	2.8	97.2	27	6
		A-4, Si, gry, Moist, Sample from Disturbed Tube, Rec. = 0.20m		35.1	0.0	2.5	97.5	25	5
16.5		A-4, Si, Vane Shear 1150/65 psf, gry, Moist, Sample off Vane		30.4	0.0	1.7	98.3	24	4
17.5		A-4, Si Shelby Tube#5, Rec. = 0.58m, gry, Moist		23.5	0.0	7.7	92.3	21	2
18.0		A-4, Cisi Top of Triaxial sample., gry, Moist		23.8				31	10
		A-4, Si Bottom of Triaxial sample., gry, Moist		23.8				23	1
18.5		Vane Shear 820/30 psf, 18.45 m - 18.60 m Hole stopped @ 18.60 m							
19.0		DRILLER'S NOTES: 1. Vane used was 3x6 inches. 2. Vane Shear = Initial/Remold 3. Ground Water Elevation was 3.15m on 3/22/04. 4. See Geotechnical Report for Triaxial & One Dimensional Consolidation test results.							

LOG OF BORING CRAFTSBURY BRO1449(24).GP1_VT_A01.GDT_8/29/06