

GZA GeoEnvironmental, Inc. Cornwall BRS 0172(6) Cornwall, Vermont		Boring No.: B-303	
Contractor: New Hampshire Boring, Inc.		Page: 1 of 2	
Foreman: Manlea Thompson		File No.: 04.0023600.01	
Logged by: Curtis George		Check: JH	
Date Start/Finish: 7-27-04 / 7-28-04		GROUNDWATER READINGS	
Boring Location: Sta. 1+098.5, 12.8 mR		Date Time Depth Casing Stab	
GS Elev.: 45.72m Datum: NAVD 88		Npt measured	
Auger/Casing: HW SS Sampler: SS I.D.: 102 mm 35 mm Hammer Wt.: 136.1 kg 63.5 kg Hammer Fall: 0.76 m 0.76 m Rig Type: CME 550 ATV			
Sample Information		Equipment Installed	
No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)
S-1	0.61/0.36	1.52-2.13	3-6 8-11
S-2	0.61/0.46	3.05-3.66	3-4 8-10
U-1	0.61/0.61	3.66-4.27	PUSH
S-3	0.61/0.41	4.27-4.88	WOH
S-4	0.61/0.61	6.10-6.71	2-3 3-4
U-2	0.61/0.61	7.62-8.23	PUSH
S-5	0.61/0.41	8.23-8.84	WOH
Description & Classification		Stratum Desc.	
Stiff, brown, SILT & CLAY, trace Organics. (A-5)		SILT & CLAY SLIGHTLY ORGANIC	
Stiff, brown, SILT & CLAY, trace Organics. (A-5)		SILT & CLAY SLIGHTLY ORGANIC	
VS = 52 kPa, vane tip at 4.7 meters. Brown, Silty CLAY. (A-7-6)		1	
Very soft, brown, SILT & CLAY, trace Organics. (A-5)		2	
Medium, gray, varved CLAY & SILT. (A-6)		3.35m	
VS = 44 kPa, vane tip at 8.5 meters. Gray, CLAY & SILT. (A-6)		CLAY & SILT	
Very soft, gray, CLAY & SILT. (A-6)		CLAY & SILT	
1. VS = Vane shear test. Split spoon sample was driven through soil disturbed by VS test. 2. WOH = Weight of Hammer			

GZA GeoEnvironmental, Inc. Cornwall BRS 0172(6) Cornwall, Vermont		Boring No.: B-303	
Contractor: New Hampshire Boring, Inc.		Page: 2 of 2	
Foreman: Steve Gorside		File No.: 04.0023600.01	
Logged by: Curtis George		Check: JH	
Date Start/Finish: 8-9-04 / 8-9-04		GROUNDWATER READINGS	
Boring Location: Sta. 1+110.1, 15.0 mR		Date Time Depth Casing Stab	
GS Elev.: 44.20m Datum: NAVD 88		Npt measured	
Auger/Casing: HW SS Sampler: SS I.D.: 102 mm 35 mm Hammer Wt.: 136.1 kg 63.5 kg Hammer Fall: 0.76 m 0.76 m Rig Type: CME 550 ATV			
Sample Information		Equipment Installed	
No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)
S-6	0.61/0.13	10.67-11.28	4-4 4-6
S-7	0.61/0.00	12.19-12.80	7-6 6-6
S-8	0.61/0.20	13.72-14.33	4-4 4-5
S-9	0.61/0.51	15.24-15.85	4-3 3-3
S-10	0.61/0.00	16.76-17.37	11-10 10-10
S-11	0.61/0.51	18.29-18.90	WOH-6 6-8
S-12	0.61/0.30	19.81-20.42	34-37 29-35
Description & Classification		Stratum Desc.	
Loose, gray, fine SAND and Silt. (A-4)		SILT & SAND	
No recovery.		SILT & SAND	
Loose, gray, fine SAND, little Silt. (A-1-b)		SILT & SAND	
Loose, gray, SILT, some fine Sand. (A-4)		SILT & SAND	
No recovery.		SILT & SAND	
Stiff, gray, fine SAND, some Clayey Silt, little Gravel. (A-2-4)		SAND WITH GRAVEL	
Very dense, gray, fine to coarse SAND, some Gravel, trace Silt. (A-1-a)		SAND WITH GRAVEL	
Bottom of boring at 20.4 meters below ground surface. No refusal.		SAND WITH GRAVEL	
1. WOR = Weight of Rod, WOH = Weight of Hammer			

GZA GeoEnvironmental, Inc. Cornwall BRS 0172(6) Cornwall, Vermont		Boring No.: B-304	
Contractor: New Hampshire Boring, Inc.		Page: 1 of 4	
Foreman: Steve Gorside		File No.: 04.0023600.01	
Logged by: Curtis George		Check: JH	
Date Start/Finish: 8-9-04 / 8-9-04		GROUNDWATER READINGS	
Boring Location: Sta. 1+110.1, 15.0 mR		Date Time Depth Casing Stab	
GS Elev.: 44.20m Datum: NAVD 88		Npt measured	
Auger/Casing: HW SS Sampler: SS I.D.: 102 mm 35 mm Hammer Wt.: 136.1 kg 63.5 kg Hammer Fall: 0.76 m 0.76 m Rig Type: CME 550 ATV			
Sample Information		Equipment Installed	
No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)
S-1	0.61/0.13	0.00-0.61	1-1 2-2
S-2A/B	0.61/0.61	1.52-2.13	5-9 9-10
S-3	0.61/0.51	3.05-3.66	2-4 4-4
S-4	0.61/0.61	4.57-5.18	4-4 4-5
S-5	0.61/0.61	6.10-6.71	WOR 1-1
U-1	0.61/0.61	6.71-7.32	PUSH
S-6	0.61/0.61	7.62-8.23	WOH/45 mm-2
U-2	0.61/0.00	9.14-9.75	PUSH
U-3	0.61/0.00	9.75-	PUSH
Description & Classification		Stratum Desc.	
Soft, black, Clayey ORGANIC SILT. (8.4% Organics) (A-7-5)		ORGANIC SILT	
Top 0.12 m: Very stiff, black Clayey ORGANIC SILT (4.6% Organics) (A-7-6) Bottom 0.49 m: Very stiff, brown and gray, SILT & CLAY with trace Organics. (A-4)		1.55m	
Stiff, brown and gray, Silty CLAY with trace Organics. (A-7-6)		SILTY CLAY SLIGHTLY ORGANIC	
Stiff, brown and gray, Silty CLAY with trace Organics. (A-7-6)		SILTY CLAY SLIGHTLY ORGANIC	
Very soft, gray, Silty CLAY, trace fine to coarse Sand, trace Gravel. (A-7-6)		1	
Gray, Silty CLAY. (A-7-6)		CLAY & SILT	
Soft, gray, Silty CLAY, trace fine to coarse Sand, trace Gravel. (A-7-6)		1.35m	
No recovery.		1.14m	
No recovery.		SILT & SAND	
1. WOR = Weight of Rod, WOH = Weight of Hammer			

DATUM  
VERTICAL NAVD 88  
HORIZONTAL NAD 83(92)

### BORING LOG SHEET 12

PROJECT: CORNWALL	PROJECT NO.: BRS 0172(6)
DESIGN FILE NAME: z85e042bor logs.dgn	PLOT DATE: 2/5/2010
IPARM FILE NAME:	SURVEY DATE:
SURVEYED BY:	DRAWN BY: C. GEORGE
SQUAD LEADER: C. C. BENDA	SHEET: 80 OF 144
DRAWN DATE 03/97	