

GZA Geoenvironmental, Inc. Engineers and Scientists		Cornwall BRS 0172(6)S Cornwall, Vermont		Boring No.: B-202(OW) Page: 1 of 3 File No.: 22721.3 Check: TAD	
Contractor: NH Boring		Auger/Casing: HW		Sampler: SS	
Foreman: Bob Doherty		I.D.: 102mm		35mm	
Logged by: Jay Hodgkinson		Date: 9/13/01		Time: 1730	
Date Start/Finish: 9-13-01 / 9-17-01		PVC+1.73m		deep well	
Boring Location: Sta. 1+171.0, 21.5 mL		9/13/01		1730	
GS Elev.: 42.5 +/- Datum: NAVD 88		PVC+.76m		shallow	
		Hammer Wt.: 136.1kg		63.5kg	
		Hammer Fall: 0.76m		0.76m	
		Rig Type: CME 45			
Sample Information					
Depth (m)	No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)	N Value
1					
2	S-1	0.61/0.33	1.83-2.44	push	0
3	U-1	0.61/0.33	3.05-3.66	push	
4	S-2	0.61/0.36	3.66-4.27	push	
5					
6	S-3	0.61/0.36	6.10-6.71	5-6 4-3	10
7					
8	S-4	0.61/0.38	7.62-8.23	8-8 5-5	13
9					
<p>1. Change in wash color from brown to black with fragments of wood at 0.91m (3 feet).</p> <p>2. VS-vane shear test; split spoon sample was driven through soil disturbed by VS test.</p>					

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Sample Information					
Depth (m)	No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)	N Value
10	S-5	0.61/0.51	9.14-9.75	9-5 7-15	12
11	S-6	0.61/0.20	10.67-11.28	4-4 4-6	8
12	S-7	0.61/0.08	12.19-12.80	5-5 4-4	9
13					
14	S-8	0.61/0.38	13.72-14.33	6-6 4-9	10
15	S-9	0.61/0.25	15.24-15.85	3-5 5-7	10
16					
17	S-10	0.61/0.28	16.76-17.37	8-13 13-11	26
18					
19	S-11	0.61/0.13	18.29-18.90	10-18 26-30	44
<p>3. Approximately 3.05m (10 feet) of "blow-in sand" when roller bit was inserted into borehole.</p> <p>4. Approximately 0.3m (1 foot) of "blow-in sand" in spoon.</p> <p>5. Water started to flow out of the casing between 16.76m (55 feet) and 18.29m (60 feet). Blow counts may be artificially high due to approximately 0.46m (18 inches) of "blow-in sand" in casing.</p>					

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Sample Information					
Depth (m)	No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)	N Value
20	S-12	0.61/0.05	19.81-20.42	8-7 5-13	12
21					
22	S-13	0.61/0.05	21.34-21.95	6-4 13-19	17
23	S-14	0.61/0.15	22.86-23.47	4-4 5-7	9
24	S-15	0.61/0.03	24.38-24.99	13-5 9-12	14
25					
26	S-16	0.61/0.10	25.91-26.52	32-24 19-21	43
27	S-17	0.61/0.25	27.43-28.04	24-38 37-32	75
28					
29					
30					
<p>6. Approximately 0.20m (8 inches) of "blow-in-sand".</p> <p>7. Change in drilling at 23.77m (78 feet).</p> <p>8. 9/17/01: Wash down to 25.91m (85 feet); sampled 25.91m to 26.52m (85 to 87 feet).</p> <p>9/18/01: Measured 1.54m (60.5 inches) above ground surface of hydraulic head in casing.</p> <p>9. Water flowing out of hole at 25 gal per minute.</p>					

**DATUM**

VERTICAL NAVD 88

HORIZONTAL NAD 83(92)

### BORING LOG SHEET 7

PROJECT: CORNWALL	PROJECT NO.: BRS 0172 (6)
DESIGN FILE NAME: z85e042bor logs.dgn	PLOT DATE: 2/5/2010
IPARM FILE NAME:	SURVEYED BY:
SQUAD LEADER: C. C. BENDA	DRAWN BY: J. HODKINSON
DATE: 03/01	SHEET: 75 OF 144