

GZA		GeoEnvironmental, Inc.		Cornwall BRS 0172(6)		Boring No.: B-302	
Engineers and Scientists		Cornwall, Vermont		Page: 3 of 5		File No.: 04.0023600.01	
Sample Information		Stratum Desc.		Remarks		Equipment Installed	
Depth (m)	No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)	N Value	Sample Description & Classification	Stratum Desc.
		0.30	21.95	4-7		(A-4)	SILT & SAND
	S-17	0.61/0.23	22.86-23.47	6-10 14-13	24	Medium dense, gray, fine to coarse SAND and Gravel, trace Silt. (A-1-a)	
	S-18	0.61/0.20	24.38-24.99	4-10 16-15	26	Medium dense, gray, fine to coarse SAND and Gravel, trace Silt. (A-1-a)	
	S-19	0.61/0.18	25.91-26.52	4-16 9-11	25	Medium dense, gray, fine to coarse SAND and Gravel, trace Silt. (A-1-a)	
	S-20	0.61/0.18	27.43-28.04	2-7 10-19	17	Medium dense, gray, fine to coarse SAND, some Gravel, little Silt. (A-1-a)	SAND WITH GRAVEL
	S-21	0.61/0.00	28.96-29.57	13-16 17-21	33	No recovery.	
	S-22	0.61/0.20	30.48-31.09	13-11 11-24	22	Medium dense, gray, fine to coarse SAND, some Gravel, little Silt. (A-1-a)	
	S-23	0.61/0.46	32.00-32.61	14-10 12-10	22	Medium dense, gray, fine to coarse SAND, some Gravel, little Silt. (A-1-a)	
4. Encountered a boulder at 29.9 meters below ground surface.							
<small>All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.</small>							

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Sample Information		Stratum Desc.		Remarks		Equipment Installed	
Depth (m)	No.	Pen./Rec. (m)	Depth (m)	Blows (/0.15m)	N Value	Sample Description & Classification	Stratum Desc.
	S-24	0.61/0.61	33.53-34.14	25-47 40-35	87	Very dense, gray, fine SAND, some Silt. (A-2-4)	
	S-25	0.61/0.51	35.05-35.66	24-29 29-35	58	Very dense, gray, fine SAND, some Silt, trace Gravel.	
	S-26	0.41/0.41	36.58-36.98	28-82 100/102 mm	82 100/102 mm	Very dense, gray, fine SAND, some Silt with a seam of Gravel and fine Sand, trace Silt.	SAND
5. Sample not taken due to boulder encountered at 38.1 meters below ground surface.							
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Sample Information		Stratum Desc.		Remarks		Equipment Installed	
Depth (m)	Run No.	Depth (m)	Drilling Rate (min/0.30m)	Rec./RQD (m)	Rec./RQD (%)	Sample Description & Classification	Stratum Desc.
	C-1	39.17-40.69	2.8 4.7	0.46/ 0.41	30/ 27	Cored through boulder from 39.2 to 39.6 meters. Hard, fresh, gray, fine-grained Dolomite Schist with Quartzite. Highly fractured.	
			2.3 1.2 1.6			Gray, SILT, little fine to coarse Sand, little Gravel recovered in core barrel. (A-4)	
Bottom of boring at 44.2 meters below ground surface. No refusal.							
6. Samples were not collected from 41 to 44 meters due to hole collapse. Casing could not be advanced through the boulder at 39.2 meters below ground surface.							
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EST. RANGE OF PILE TIP ELEV. 17.45 TO 19.45.

CORE LOG LOSSREP. GZA.MH.GIT. 3/20/07

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DATUM
 VERTICAL NAVD 88
 HORIZONTAL NAD 83(92)

BORING LOG SHEET 11

PROJECT:	CORNWALL	PROJECT NO.:	BRS 0172 (6)
DESIGN FILE NAME:	z85e042bor logs.dgn	PLOT DATE:	2/5/2010
IPARM FILE NAME:		SURVEYED BY:	
SURVEYED BY:		SQUAD LEADER:	C. C. BENDA
SQUAD LEADER:	C. C. BENDA	DRAWN BY:	J. HODKINSON
DRAWN DATE:	03/97	SHEET:	79 OF 144