

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

HOLE NO.: B-102
 SHEET 1 OF 3
 DATE STARTED: 9/14/00
 DATE COMPLETED:

PROJECT NAME: CORNWALL
 SITE NAME: BR 9
 STATION: 0+744.00
 GROUND EL.:

PROJECT NUMBER: BRS 0172 (6)
 SITE NO.: VT 125
 OFFSET: -4.00
 G.W. DEPTH:

BORING CREW
 CREW CHIEF: YOUNG
 DRILLER: TALLMAN
 LOGGER: RUSSELL
 ADDITIONAL CREW:

BORING RIG: UNI-MOG
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-7-6, Cl, brn, MTW, Rec. = 0.25m	2	45.9		2.9	97.1	62	33
		A-7-6, Cl, Lt-gry, MTW, Rec. = 0.60m, Mottled Material	15	27.2	0.5	4.1	95.4	43	22
		A-7-6, Cl, Lt-gry, MTW, Rec. = 0.29m, Mottled Material	15	28.6	0.3	4.3	95.4	41	21
		A-7-6, Cl, Lt-gry, MTW, Rec. = 0.60m	17	32.4	0.3	1.7	98	49	27
5		A-7-6, Cl, Lt-gry, MTW, Rec. = 0.36m	11	32.2		0.8	99.2	49	28
		A-6, Cl, gry, MTW, Rec. = 0.38m	3	47.4		0.8	99.2	37	20
		A-6, Si Cl, gry, MTW, Rec. = 0.38m	14	35.8	0.4	7.1	92.5	27	13
		A-4, Sa Si, gry, Moist Rec. = 0.45m	32	20.3		29	71		
		A-4, Si Sa, gry, MTW Rec. = 0.38m	20	21.5	0.9	56	43.1		
10		A-4, Sa Si, gry, Moist Rec. = 0.35m	9	16.7	0.3	27	72.7		
		A-2-4, Si Sa, gry, MTW Rec. = 0.51m	25	20.7	0.3	75.3	24.4		
		A-4, Sa Si, gry, MTW Rec. = 0.60m	4	25.2	6.6	23.5	69.9	20	4
		A-3, Sa, gry, MTW Rec. = 0.38m	14	20.5	2.2	89.6	8.2		

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HOLE NO.: B-102
 SHEET 2 OF 3
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PROJECT NAME: CORNWALL
 SITE NAME: BR 9
 STATION: 0+744.00
 GROUND EL.:

PROJECT NUMBER: BRS 0172 (6)
 SITE NO.: VT 125
 OFFSET: -4.00
 G.W. DEPTH:

BORING CREW
 CREW CHIEF: YOUNG
 DRILLER: TALLMAN
 LOGGER: RUSSELL
 ADDITIONAL CREW:

BORING RIG: UNI-MOG
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-4, Sa Si, gry, MTW Rec. = 0.60m		21.5	8	31.4	68.6		
		A-4, Sa Si, gry, Moist, Rec. = 0.57m	9	20	1.5	31.9	66.6		
		A-3, Sa, gry, MTW Rec. = 0.60m	21	20.9	0.1	95.5	4.4		
		BXMDC, 19.05m-19.25m							
20		A-4, Si Sa, gry, Moist, Rec. = 0.15m	19	12.8	13.9	50	36.1		
		A-2-4, Si Sa, gry, Moist, Rec. = 0.30m	33	12.7	10.6	55.9	33.5		
		BXMDC, 22.09m-23.00m Poss. Boulder, No sample							
25		A-1-a, SaGr, gry, Moist, Rec. = 0.17m BXMDC, 24.15m-25.00m, Poss. Boulder	R	17.4	61.6	33.4	5		
		A-3, Sa, gry, Moist, Rec. = 0.30m	R	19.5	0.1	95.3	4.6		
		A-1-b, Sa, gry, Moist, Rec. = 0.30m	R	13.6	1.5	92.4	6.1		
		A-4, Si Sa, gry, Moist, Rec. = 0.58m	61	13.6	3.8	59.2	37		

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 SHEET 3 OF 3
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 STATION: 0+744.00
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DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-2-4, Si Sa, gry, Moist Rec. = 0.51m	39	15.6	1.6	68.8	29.6		
		No sample	R						
		A-4, Si Sa, gry, Moist Rec. = 0.46m	R	14.6	2.5	59.5	38		
35		A-4, Si Sa, gry, Moist Rec. = 0.31m	R	13.4	0.5	54.3	45.2		
		A-4, Si Sa, gry, Moist Rec. = 0.40m	R	17.6	0.4	60.8	38.8		
		A-4, Sa Si, gry, Moist Rec. = 0.06m	R	12.8	3.1	29.1	67.8		
40		A-2-4, SiGr HP, gry, Dry, BXMDC, 38.6m-41.0m, Very hard silt & stones, Sampled from core barrel.		4.4	56.5	15.7	27.8		
Hole stopped @ 41.00m									

DRILLER'S NOTES:

1. Pulled casing at 19.30m and changed bit.
2. Casing plugged at 24.65m, pulled casing at 25.14m and changed bit