

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








HOLE NO.: B-110  
SHEET 1 OF 1  
DATE STARTED: 1/2/01  
DATE COMPLETED: 1/10/01

PROJECT NAME: CORNWALL  
SITE NAME: BR 9  
STATION: I+000.00  
GROUND EL.: 53.79

PROJECT NUMBER: BRS 0172 (6)  
SITE NO.: VT 125  
OFFSET: 10.00  
G.W. DEPTH: 3.5

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

BORING RIG: TRACTOR  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL/SHELBY TUBE

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		Shelby Tube, A-7-6, Cl, brn, MTW, Rec. = 0.50m		36		0.6	99.4	68	40
		VANE SHEAR: 76.5 KPa/remold 15 KPa							
▽		SHELBY TUBE: Rec. = 0.60m							
		VANE SHEAR: 165 KPa/remold 44 KPa							
5		Shelby Tube, A-7-6, Cl, gry, MTW, Rec. = 0.60m		49.1		0.2	99.8	66	38
		VANE SHEAR: 100.5 KPa/remold 14.5 KPa							
		SHELBY TUBE: Rec. = 0.58m							
		VANE SHEAR: 100.5 KPa/remold 52 KPa							
		SHELBY TUBE: Rec. = 0.60m							
10		VANE SHEAR: 80 KPa/remold 27 KPa							
		A-4, Si, gry, MTW, Rec. = 0.30m		27.8		0.4	99.6	22	3
		11.40m-11.58m, Boulder							
		A-4, GrSaSi, gry, MTW, Rec. = 0.10m, Broken Rock was within sample, PP= 0.25	R	22.6 11.4	24.7 6.5	28 58.1	47.3 35.4		
		A-2-4, SiSa, gry, Moist, Rec. = 0.13m, PP=1.25	R	10.7	13.8	44.4	41.8		
		A-4, SiSa, gry, Moist, Rec. = 0.15m		Hole stopped @ 13.30m					

**DRILLER'S NOTES:**

1. Material between 11.0m-11.4m was sampled from damaged shelby tube.
2. Installed Monitoring Well at 13.70m, casing extends 0.76m above ground.
3. Top of well pipe is @ 0.80m above ground surface.
4. 51mm x 103mm vanes were used during vane shear tests.
5. Ground water was observed at 2.71m below the ground surface.