



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

BORING NUMBER: B-401
SHEET 1 of 2
DATE STARTED: 9/07/07
DATE COMPLETED: 9/13/07

PROJECT NAME: CORNWALL
SITE NAME: VT-125
STATION: 1+589.58
OFFSET: -5.87
VTSPG: N 165899.86 m E 440005.50 m

PROJECT NUMBER: BRS 0172(6)
SITE NUMBER: BR-9
GROUND ELEVATION: 52.56 m
GROUNDWATER DEPTH:
PROJECT PIN NUMBER: 85E042

BORING CREW
CREW CHIEF: PORTER
DRILLER: PORTER
LOGGER: WERNER

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL & TUBE
CHECKED BY: CAA

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
0.0 - 0.762		Field Note, Casing above ground = 0.762m Field Class., Asphalt pavement grindings.								
0.762 - 1.5		A-1-a, SaGr, brn, Wet, Rec. = 0.15 m		3	13.9	53.4	35.9	10.7		
1.5 - 3.05		No Recovery, 3.05 m - 3.66 m		7						
3.05 - 3.66		Field Note, In clay at around 3.66m								
3.66 - 4.5		A-7-6, Cl, tan, Moist, Rec. = 0.55 m, Lost water at 5.18m		7	37.7	1.1	1.4	97.5	69	42
4.5 - 6.0		A-7-6, Cl, brn, Moist, Rec. = 0.61 m, Sample taken from top 38.1mm of tube for classification.			61.9	0.0	2.0	98.0	69	40
6.0 - 7.32		Vane Shear test, 7.32 m - 7.47 m, vs=6.70 kPa remold=3.69 kPa Shelby Tube, brn, MTW, Rec. = 0.61 m, 7.62 m - 8.23 m, Water returned at 7.62m								

LOG OF BORING CORNWALL BRS0172(6).SP1 VT AUT.GBT 4/17/08



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

BORING NUMBER: B-401
SHEET 2 of 2
DATE STARTED: 9/07/07
DATE COMPLETED: 9/13/07

PROJECT NAME: CORNWALL
SITE NAME: VT-125
STATION: 1+589.58
OFFSET: -5.87
VTSPG: N 165899.86 m E 440005.50 m

PROJECT NUMBER: BRS 0172(6)
SITE NUMBER: BR-9
GROUND ELEVATION: 52.56 m
GROUNDWATER DEPTH:
PROJECT PIN NUMBER: 85E042

BORING CREW
CREW CHIEF: PORTER
DRILLER: PORTER
LOGGER: WERNER

BORING RIG: LAG TRACK RIG #09 w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL & TUBE
CHECKED BY: CAA

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
8.99 - 9.14		Vane Shear test, 8.99 m - 9.14 m, vs=3.97 kPa remold=1.29 kPa								
9.14 - 9.45		Shelby Tube, gry, Moist, Rec. = 0.30 m, 9.14 m - 9.45 m A-7-6, Cl, gry, Moist, Rec. = 0.03 m, Sample sticking from end of Shelby tube.			19.3	0.5	7.4	92.1	46	26
9.45 - 10.5		A-7-6, Cl, gry, Moist, Rec. = 0.50 m		54	17.2	2.3	8.7	89.0	41	22
10.5 - 12.0		A-6, SiCl, gry, Moist, Rec. = 0.52 m		41	21.6	1.8	3.3	94.9	34	11
12.0 - 13.5		A-7-6, Cl, gry, Moist, Rec. = 0.61 m		19	29.4	0.0	1.1	98.9	53	30
13.5 - 14.33		Hole stopped @ 14.33 m								
14.33 - 16.5		DRILLER'S NOTES: 1. An inclinometer was installed. 2. Top of well casing is 0.76m above ground level. 3. Boring location is approximate based on recollection of drill crew supervisor. Boring should be field verified in spring 2008.								

LOG OF BORING CORNWALL BRS0172(6).SP1 VT AUT.GBT 4/17/08