



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

BORING NUMBER: B-19A
SHEET 1 of 2
DATE STARTED: 11/05/09
DATE COMPLETED: 11/11/09

PROJECT NAME: BRATTLEBORO
SITE NAME: I-91
STATION: 460+35
OFFSET: 60.00
VTSPG NAD83: N 126948.25 ft E 1619549.28 ft

PROJECT NUMBER: IM 091-1(50)
SITE NUMBER: BR 6 N&S
GROUND ELEVATION: 417.1 ft
GROUNDWATER DEPTH: 91.0 ft 11/09/09
PROJECT PIN NUMBER: 02A014

BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: MAHMUTOVIC

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

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
Top of Well Elevation: 419.7 ft								
10		Field Class:, Appears to be Cobbles and coarse gravel, Cleaned out casing.						
20		Field Class:, NXDC, Cobbles, Cleaned out casing.						
		Field Class:, Appears to be sandy silt, Cleaned out casing.						
		Field Class:, NXDC, Cobbles, Cleaned out casing.						
		Field Note:, Started to use drillers mud.						
		Field Class:, NXDC, Cobbles, Cleaned out casing.						
40		Field Note:, NXDC, Cleaned out casing						
50		Field Note:, Appears to be Hard Pan						
		Field Class:, NXDC, Cleaned out casing, Appears to be Hard Pan						

LOG OF BORING BRATTLEBORO IM 091-1(50).GPJ VT_AOT.GDT 1/21/10



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
60								
		Field Class:, NXDC, Cleaned out casing, Appears to be Hard Pan						
80								
90								
		Visual Classification, Weathered rock with sand, gry, Moist, Rec. = 0.7 ft						
		Gray, Phyllitic Meta-limestone, Stained jointing, Not Competent, Hard, Moderately weathered, NXMDC, 96.0 ft - 99.0 ft, Rec. = 2.0 ft						
		Gray, Phyllitic Meta-limestone, Stained jointing, Not Competent, Hard, Moderately weathered, NXMDC, 99.0 ft - 101.0 ft, Rec. = 2.0 ft						
		Hole stopped @ 101.0 ft						
		DRILLER'S NOTES: 1. Installed Monitoring well to 94.1 ft. 2. There is 2.7 ft. of well casing above ground level. 3. Ground water depth on 11/20/09 was 93.8 ft. measured from top of casing.						

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