

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-1 SHEET 1 OF 1 DATE STARTED: 8/3/99 DATE COMPLETED: 8/5/99							
PROJECT NAME: MENDON SITE NAME: BR-3 STATION: 2+124.00 GROUND EL.: 298.279		PROJECT NUMBER: BRO 1443 (35) SITE NO.: TH-1 OFFSET: -6.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: YOUNG ADDITIONAL CREW:		BORING RIG: SKID RIG 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
		BXDC, 0.0m-1.5m, Boulders,							
		BXDC, 1.5m-3.6m, Boulders,							
		BXDC, 3.85m-4.30m, Boulders,							
		BXDC, 4.50m-4.90m, Boulders,							
5		A-1-b, SaGr, brn, Moist, Rec. = 0.34m	R	11.5	41.9	40.9	17.2		
		BXDC, 7.15m-7.70m, Boulders,							
		BXDC, 8.00m-8.50m, Boulders,							
		BXDC, 8.80m-9.35m, Boulders,							
10		BXDC, 9.80m-10.30m, Boulders							
		BXDC, 10.70m-11.10m, Boulders							
		BXDC, 11.40m-12.60m, Note: Casing driven to 11.40m. Unable to penetrate stratum any further due to worn out bit. Cored ahead of casing 1.20m with BXDC core barrel.							
			Hole stopped @ 12.60m						
GEOLOGISTS REPORT:									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-2 SHEET 1 OF 1 DATE STARTED: 7/14/99 DATE COMPLETED: 7/15/99							
PROJECT NAME: MENDON SITE NAME: BR-3 STATION: 2+124.00 GROUND EL.: 298.014		PROJECT NUMBER: BRO 1443 (35) SITE NO.: TH-1 OFFSET: 6.30 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: YOUNG LOGGER: ADDITIONAL CREW:		BORING RIG: SKID RIG 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
		1.00m-1.30m, No Rec., Hit Boulder at 1.30m	R						
		BXDC, 1.30m-4.80m, Boulders,							
		Cleaned out casing, Cored ahead to 5.00m.							
5		A-1-b, Sa, brn, MTW, Rec. = 0.07m	R	27.3	15	76.4	8.6		
		BXDC, 5.30m-5.90m, Boulders							
		A-1-b, GrSa, brn, Moist, Rec. = 0.34m	65	10	40.4	47.6	12		
		7.00m-7.12m, Broken Rock Rec. = 0.08m	R						
		BXDC, 7.12m-7.65m, Boulders							
		A-1-b, GrSa, brn, Moist, Rec. = 0.12m	79	10.1	39.5	42	18.5		
		8.45m-9.00m, Boulder							
		A-1-b, GrSa, brn, Moist, Rec. = 0.23m	98	12	40.6	42.6	16.8		
10		10.00m-10.60m, Boulders							
		BXDC, 11.25m-12.00m, Boulders,							
		A-2-4, SiGrSa, Lt/brn, Moist, Rec. = 0.12m	R	13.7	28.7	44.4	26.9		
		BXDC, 12.30m-13.50m, Boulders Note: Broke bit off core barrel. Lost bit down inside of casing.							
			Hole stopped @ 13.50m						
GEOLOGISTS REPORT:									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-3 SHEET 1 OF 1 DATE STARTED: 7/26/99 DATE COMPLETED: 7/27/99							
PROJECT NAME: MENDON SITE NAME: BR-3 STATION: 2+159.00 GROUND EL.: 299.687		PROJECT NUMBER: BRO 1443 (35) SITE NO.: TH-1 OFFSET: -2.50 G.W. DEPTH:							
BORING CREW CREW CHIEF: MCGLYNN DRILLER: CHABOT LOGGER: RUSSELL ADDITIONAL CREW:		BORING RIG: SKID RIG 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
		No Rec.	7						
		A-1-a, Gr, brn, Moist, Rec. = 0.12m	R	6.2	78.8	11.9	9.3		
		BXDC, 4.20m-5.76m, Boulders							
5		A-1-b, SiSaGr, brn, Moist, Rec. = 0.25m	R	10	49.6	29.9	20.5		
		A-1-b, GrSa, brn, Moist, Rec. = 0.41m	R	12.3	37.8	45	17.2		
		BXDC, 9.00m-10.20m, Boulders							
10		BXDC, 10.45m-10.97m, Boulders							
		BXDC, 11.28m-12.50m, Boulders							
		Advanced casing to 11.28m. Cored ahead to 12.50m.							
			Hole stopped @ 12.50m						
GEOLOGISTS REPORT:									

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-4 SHEET 1 OF 1 DATE STARTED: 7/20/99 DATE COMPLETED: 7/21/99							
PROJECT NAME: MENDON SITE NAME: BR-3 STATION: 2+159.00 GROUND EL.: 298.639		PROJECT NUMBER: BRO 1443 (35) SITE NO.: TH-1 OFFSET: 6.30 G.W. DEPTH:							
BORING CREW CREW CHIEF: TALLMAN DRILLER: RUSSELL LOGGER: YOUNG ADDITIONAL CREW:		BORING RIG: SKID RIG 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
		BXDC, 0.0m-1.30m, Boulders							
		A-2-4, GrSa, brn, MTW, Rec. = 0.05m	2	42.3	21.5	59.2	19.3		
		BXDC, 2.20m-2.65m, Boulders							
		BXDC, 2.75m-3.15m, Boulders							
		BXDC, 3.30m-3.65m, Boulders							
		BXDC, 3.75m-4.50m, Boulders							
5		BXDC, 4.50m-4.90m, Cobbles							
		BXDC, 5.20m-5.75m, Boulders							
		A-1-b, Gr, brn, Dry, Rec. = 0.10m	R	8.1	62.9	17.8	19.3		
		6.30m-7.35m, Cobbles							
		BXDC, 7.35m-7.70m, Boulders							
		7.70m-9.00m, Cobbles							
		9.00m-9.30m, Boulder							
10		10.60m-11.00m, Cobbles	R						
		BXDC, 11.00m-11.50m, Boulders							
		11.50m-12.00m, Cobbles							
		A-2-4, Sa, brn, Moist, Rec. = 0.20m	R	18.5	18.1	63.4	18.5		
			Hole stopped @ 12.45m						
GEOLOGISTS REPORT:									