

BETA GROUP, INC.

TEST BORING REPORT

PROJECT: Facemate Property - Chicopee
 LOCATION: Chicopee, MA
 DRILLING CO: Technical Drilling Services
 EQUIPMENT: HSA
 DRILLED BY: Brett, James & Matt
 INSPECTED BY: SJB

BORING NO. SB-10
 PAGE 1 OF 1
 DATE STARTED: 8/26/2010
 DATE FINISHED: 8/26/2010
 SURFACE ELEVATION: na

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: _____
 DEPTH | STABILIZATION TIME
 _____ | _____
 _____ | None

TYPE: HSA CASING HSA SAMPLER Split-Barrel CORE BARREL N/A
 SIZE ID: 4-3/8"ID 1-3/8"
 HAMMER WT: 140 lb
 HAMMER FALL: 36"

SAMPLE DATA

DEPTH (ft)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches)				STRATA CHANGE (ft)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/RECOV (in./in.)	HNU (ppm) Lamp 10.2 eV.
		0-6	6-12	12-18	18-24					
5.0	0-2	8	10	44	39		0-6" Topsoil. 6"-20" Fine to coarse grained brown and coarse angular to rounded gravel.	0-2	20/24	0.0
	2-4	18	29	27	21		0-10" Coarse grained orange/brown sand with some subrounded gravel.	2-4	10/24	0.0
	4-6	32	22	19	8		0-6" Fine to medium grained dark brown sand. Some subrounded fine gravel.	4-6	6/24	0.0
10.0	6-8	10	20	20	18		0-2" Same as above. 2"-4" Coarse grained brown sand. Quartz cobble. 4"-12" Fine grained red sand and silt. Wet.	6-8	12/24	0.0
	8-10	2	6	16	10		0-22" Redish clay with coarse angular gravel. Stiff.	8-10	22/24	0.0
	10-12	4	8	5	6		0-18" Same as above.	10-12	18/24	0.0
15.0	12-14	10	22	21	28		0-20" Same as above.	12-14	20/24	0.0
							End of Boring			
20.0										

Notes: Difficult to tell where the water table is due to the tight formation.

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 LOCATION: Chicopee, MA
 DRILLING CO: Technical Drilling Services
 EQUIPMENT: HSA
 DRILLED BY: Brett, James & Matt
 INSPECTED BY: SJB

BORING NO. SB-11
 PAGE 1 OF 1
 DATE STARTED: 8/26/2010
 DATE FINISHED: 8/26/2010
 SURFACE ELEVATION: na

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: _____

DEPTH	STABILIZATION TIME
	None

	CASING	SAMPLER	CORE BARREL
TYPE:	HSA	Split-Barrel	N/A
SIZE ID:	4-3/8"ID	1-3/8"	
HAMMER WT:		140 lb	
HAMMER FALL:		36"	

SAMPLE DATA

DEPTH (ft)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches)				STRATA CHANGE (ft)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/RECOV (in./in.)	HNU (ppm) Lamp 10.2 eV.
		0-6	6-12	12-18	18-24					
5.0	0-2	3	9	10	14		0-8" Topsoil. 8"-20" Fine grained dark brown sand and fine angular gravel.	0-2	20/24	0.0
	2-4	7	19	10	9		0-10" Same as above. 10"-20" Fine grained orange sand and silt.	2-4	20/24	0.0
	4-6	2	2	2	6		0-24" Fine to coarse grained orange sand. Trace silt.	4-6	24/24	0.0
10.0	6-8	6	4	2	2		0-8" Same as above. 8"-18" Medium to coarse grained brown to red sand and coarse angular gravel.	6-8	18/24	0.0
	8-10	19	17	15	19		0-6" Coarse grained orange sand and coarse gravel. 6"-12" Red clay with trace coarse sand.	8-10	12/24	0.0
	10-12	11	20	19	8		0-12" Red clay with some coarse angular gravel. Moist.	10-12	12/24	0.0
15.0	12-14	12	18	25	20		0-24" Same as above. Wet.	12-14	24/24	0.0
	14-16	22	25	22	24		0-10" Same as above.	14-16	10/24	0.0
	16-18	10	25	19	20		0-20" Same as above with a cobble of quartz.	16-18	20/24	0.0
20.0							End of Boring			

Notes: Difficult to tell where the water table is due to the tight formation.