







BORING LOG

BORING B-1
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/26/2007	11:52:00 AM	16			SIZE, ID	1"		
					HAMMER WT			*****
					HAMMER FALL			*****

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3'						EL		6 inches Asphalt	Upon completion of the boring 1" PVC casing was installed to a depth of 15 ft bgs and groundwater samples were collected. The boring was backfilled with bentonite and the roadway was cold patched.
								0.5 EL		Dry, tan, Sand and Gravel	
								1.0 EL		Dry, brown, tan, Sandy SILT, some Gravel	
	2.0	1.5						2.5 EL		Dry, black, Silty CLAY	
S-2	4.0	4'	6.3					4.0 EL		Dry, brown, tan, Silty SAND, little Gravel	
							5	4.5 EL		Damp, brown, gray, CLAY, trace Sand, Mica	
	6.0	1.5						7.5 EL		Dry, brown, gray, tan, Silty Sandy GRAVEL	
								8.0 EL		Damp, brown, CLAY, little Gravel	
S-3	8.0	4'	1.0					8.5 EL		Dry to damp, brown, tan, gray, green-gray, Silty SAND and Gravel	
	10.0	1.0					10			Damp, brown, Silty SAND	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		





BORING B-1







BORING LOG

BORING B-1
JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/26/2007	11:52:00 AM	16			SIZE, ID	1"		
					HAMMER WT.			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-4	12.0	2.5'	3.5					EL 11.8 EL 12.0		Damp, brown, CLAY, trace Gravel, Mica Wet, brown, Silty SAND	
	14.0		3.1					EL 14.0		Damp, brown, gray, CLAY, trace Mica	
S-5	16.0	4'	11.8					EL 16.0		Wet, brown, Silty Clayey SAND, little Mica	Groundwater was encountered at 16 ft bgs.
	18.0		5.6								
	20.0		1.5					EL 19.7 EL 20.0		Damp to moist, brown, Clayey SAND, little Mica Bottom of Boring @ 20 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-1

BORING LOG

BORING B-2
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/27/2007	9:50:00 AM	12			SIZE, ID	1"		
					HAMMER WT			*****
					HAMMER FALL			*****

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	2'						EL 0.7		8 inches Asphalt	Upon completion of the boring 1" PVC casing was installed to a depth of 15 ft bgs and groundwater samples were collected. The borehole was backfilled with bentonite and the roadway was cold patched.
	2.0							EL 1.7		Dry, tan, GRAVEL, trace Silt	
								EL 1.8		Damp, black, Fabric	
										Damp, brown, CLAY, trace Sand, Mica, brick fragments	
S-2	4.0	2'	0.9					EL 4.0		Dry to damp, brown, tan, gray, Sand and Quartz Gravel, little Silt	
	6.0		0.9								
S-3	8.0	4'	1.2					EL 8.0		Damp to moist, brown, Silty SAND, little Mica, trace Clay lenses	
	10.0		0.4								

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-2







BORING LOG

BORING B-2
JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/27/2007	9:50:00 AM	12			SIZE, ID	1"		
					HAMMER WT			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-4	12.0	4'	0.5					EL 12.0		Saturated, brown, SAND and Gravel, some Clay	Groundwater was encountered at 12 ft bgs.
								EL 13.2		Wet, brown, Silty SAND, little Mica, Clay lenses	
	14.0		0.5				15	EL 15.3		Damp, brown, CLAY, trace Mica	
S-5	16.0	4'	0.8					EL 16.0		Wet, brown, Clayey SAND, trace Mica	
								EL 19.0		Damp, brown, CLAY, little Sand, trace Mica	
	18.0		0.4				20	EL 20.0		Bottom of Boring @ 20 ft.	
	20.0		0.6								

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-2







BORING LOG

BORING B-3
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/26/2007		8			SIZE, ID	1"		
					HAMMER WT.			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	2'								Dry to moist, tan, brown, black, red, Silty SAND and Gravel, some brick fragments, trace Glass fragments	Upon completion of the boring 1" PVC casing was installed to a depth of 15 ft bgs and groundwater samples were collected.
	2.0		1.2								
S-2	4.0	.5'	1.2				5			Dry, brown, Silty SAND, little Gravel	Low recovery in Sample S-2 due to a cobble lodged in the sampler.
	6.0		1.1								
S-3	8.0	2'	1.0					EL 8.0		Wet, black, Silty Clayey SAND and Gravel	Groundwater was encountered at 8 ft bgs.
	10.0		1.0				10				

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-3







BORING LOG

BORING B-3
JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/26/2007		8			SIZE, ID	1"		
					HAMMER WT.			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-4	12.0	4'	0.9					EL 12.0		Moist to wet, black, gray, CLAY, trace Sand, Shell fragments, Mica	
	14.0		0.5				15				
S-5	16.0	1.5'	0.9							Damp to moist, dark brown, to black, trace organic matter	
	18.0		0.8								
	20.0		0.6				20	EL 20.0		Bottom of Boring @ 20 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-3

BORING LOG

BORING B-4
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
9/26/2007	1:20:00 PM	7			SIZE, ID			
					HAMMER WT.			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3'						EL		3 inches Asphalt	The boring was backfilled with bentonite and the roadway cold patched at the completion of the boring.
								0.3		Dry, tan, brown, Silty SAND, little Gravel	
								EL 0.8		Dry, white, gray, GRAVEL	
								0.9		Damp, black, brown, Silty SAND with Debris (slag and glass fragments)	
								EL 1.3		Moist, black, CLAY, trace Sand, Mica	
	2.0		2.5								A petroleum odor was evident from 2-6 ft bgs.
S-2	4.0	3'	7.6					EL 4.0		Moist to wet, black, Silty Clayey SAND, some Gravel, brick fragments	Groundwater was encountered at 7 ft bgs.
							5				
	6.0		19.5								
								EL 7.0		Moist to wet, brown, tan, gray, Clayey SAND	
								EL 7.5		Moist to wet, brown, gray, Silty SAND with Gravel	
	8.0		2.3					EL 8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-4

BORING LOG

BORING B-5
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/26/2007	3:45:00 PM	7.5			SIZE, ID	1"		
					HAMMER WT.			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV.	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3'						EL		12 inches Concrete	Upon completion of the boring 1" PVC casing was installed to a depth of 15 ft bgs and groundwater samples were collected.
								1.0		12 inches Asphalt	
	2.0							EL		Dry to damp, tan, black, Silty SAND, trace Gravel, Coal fragments, glass fragments	The boring was backfilled with bentonite and the sidewalk cold patched.
S-2	4.0	3'	1.1				5			Dry, tan, brown, little Gravel	
	6.0		0.7					EL		Damp, brown, black, SILT, some Sand, trace organic matter	A slight petroleum odor was evident from 7-8 ft bgs. Groundwater was encountered at 7.5 ft bgs. A strong petroleum odor was evident and a noticable sheen was observed from 8-12 ft bgs.
								EL		Moist, black, gray, Silty SAND and Coal fragments, little Gravel Wet	
S-3	8.0	1.33'	0.5					EL		Wet, black, Silty SAND	
								8.7		Wet, gray, black, Silty Clayey SAND, trace organic matter	
	10.0		1.6				10	9.0		Wet, gray, GRAVEL, some Silt, Sand	



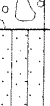
BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		
						BORING	B-5







BORING LOG

BORING B-5
JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/26/2007	3:45:00 PM	7.5			SIZE, ID	1"		
					HAMMER WT			*****
					HAMMER FALL			*****

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-4	12.0	1.5'	1.5					EL 12.0		Saturated, black, Silty SAND, some Gravel, Coal fragments, glass fragments	A strong petroleum odor was evident and a noticeable sheen was observed from 12-16 ft bgs.
	14.0		7.5				15	EL 13.3		Saturated, gray, Quartz GRAVEL, little Sand, Silt	
S-5	16.0	1.33'	3.1								A strong petroleum odor was evident and a noticeable sheen was observed from 16-16.67 ft bgs.
	18.0		3.1					EL 18.0		Wet, gray, gray-green, Silty SAND, little Mica, trace Clay lenses	
	20.0		1.6				20	EL 20.0		Bottom of Boring @ 20 ft.	A slight petroleum odor was evident from 18-20 ft bgs.

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED	BORING B-5	

BORING LOG







BORING B-6

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/26/2007	10:15 00 AM	8			SIZE ID	1"		
					HAMMER WT			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3'								18 inches Asphalt	Upon completion of the boring 1" PVC casing was installed to a depth of 17 ft bgs and groundwater samples were collected. The boring was backfilled with bentonite and the roadwas cold patched.
	2.0		1.7					EL 1.5		Dry to damp, black, brown, tan, red, Silty SAND and Gravel, brick fragments Damp to moist, black, Silty SAND and Gravel	
S-2	4.0	2'	0.9					EL 4.0		Damp to moist, black, white, OYSTER SHELL fragments	
	6.0		0.9					EL 5.5		Damp, black, gray, red, Silty SAND, little Gravel	
S-3	8.0	2.5'	1.0					EL 8.0		Wet, white, black, Sandy OYSTER SHELL fragments	Groundwater was encountered at 8 ft bgs. A petroleum odor was evident from 8.5-12 ft bgs.
								EL 8.5		Wet, black, Silty Clayey SAND, trace Gravel	
	10.0		2.1				10				

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		
						BORING	B-6

BORING LOG







BORING B-6

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/26/2007	10:15:00 AM	8			SIZE, ID	1"		
					HAMMER WT			*****
					HAMMER FALL			*****

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-4	12.0	3'	2.1					EL		Little Gravel	A petroleum odor was evident from 12-16 ft bgs.
								13.0		Wet, black, gray, CLAY, little Sand	
	14.0		1.3					EL		Wet, black, gray, Silty SAND	
							15	14.0			
S-5	16.0	2.5'	1.7					EL		Wet, black, gray, Silty Clayey SAND, trace Gravel sized Coal fragments	A strong petroleum odor was evident from 16-16.5 ft bgs. A faint petroleum odor was evident from 16.5-20 ft bgs.
								16.5			
	18.0		1.8					EL		Wet, black, Silty SAND, trace Clay	
								18.0			
	20.0		1.0					EL		Bottom of Boring @ 20 ft.	
							20	20.0			

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-6

BORING LOG







BORING B-7

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT			*****
					HAMMER FALL			*****

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	2'								Dry, brown, tan, Silty SAND, some Gravel	The boring was backfilled with bentonite at the completion of the boring.
	2.0		0.8								
S-2	4.0	3'	0.7				5			Dark brown	
	6.0		0.4							Light brown, little Gravel	
	8.0		0.1					EL 8.0		Moist	
										Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-7

BORING LOG







BORING B-8

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	2'						EL		Dry, brown, black, Silty SAND and Gravel	The boring was backfilled with bentonite at the completion of the boring.
								1.0		Dry, red, BRICK fragments	
	2.0	0.5						EL			
								2.0		Dry to damp, brown, SILT, some Wood, little Sand, trace Clay, Mica	
S-2	4.0	3'	0.9							Damp, trace Clay, Gravel, Mica	
							5				
	6.0	0.9									
								EL			
	8.0	0.5						7.8 EL		Damp, tan, Silty SAND, trace Gravel	
								8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-8







BORING LOG

BORING B-9
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
9/27/2007	1 30:00 PM	4.5			SIZE, ID			
					HAMMER WT			*****
					HAMMER FALL			*****

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	2'								Dry, brown, Silty SAND, some Gravel	The boring was backfilled with bentonite at the completion of the boring.
	2.0		34.1								
S-2	4.0	1.5'	36.5					EL 4.5		Moist to wet, black, gray, Clayey SAND and Oyster Shell fragments	Groundwater was encountered at 4.5 ft bgs.
	6.0		34.2								
	8.0		48.1					EL 8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-9

BORING LOG

BORING B-10

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
9/25/2007	10:35:00 AM	12			SIZE, ID			
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3.5'						EL 0.2		2 inches Asphalt Dry, black, Silty SAND	The boring was backfilled with bentonite and the roadway cold patched at the completion of the boring.
	2.0		43.2					EL 1.2		Dry, black, tan, Silty SAND with Gravel and Brick fragments	
S-2	4.0	2.5'	5.9					EL 4.0		Dry to damp, tan, Sandy SILT	A strong petroleum odor was evident from 7.5-8 ft bgs. A petroleum odor was evident from 8-12 ft bgs.
	6.0		13.2					EL 5.0		Damp to wet, black, tan, brown, CLAY, trace Sand	
								EL 6.0		OYSTER SHELL fragments	
								EL 6.1		Damp, black, Silty SAND, some Gravel	
S-3	8.0	2'	78.6					EL 8.0		Moist to wet, tan, brown, gray, black, Sandy CLAY, little Gravel, Oyster Shell fragments	
								EL			

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		
						BORING	B-10

BORING LOG

BORING B-10

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
9/25/2007	10:35:00 AM	12			SIZE, ID			
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
	10.0		32.1				10	9.0 EL 9.5 EL 9.8		Moist to wet, black, Sandy GRAVEL, little Silt Moist, gray, black, CLAY, little Sand, trace Glass fragments Moist, gray, Silty SAND	
S-4	12.0	4'	8.5				12	EL 12.0		Saturated, gray, black, Silty Clayey SAND, little Gravel	Groundwater was encountered at 12 ft bgs.
	14.0		7.4				15	EL 14.0 EL 15.0		Wet, black, Clayey SAND, little Gravel, Wood, organic matter Moist, black, Sandy CLAY, little Gravel, Mica, Wood, organic matter	A petroleum odor was evident from 12-16 ft bgs.
	16.0		2.0					EL 16.0		Bottom of Boring @ 16 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING LOG

BORING B-11

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/26/2007
END DATE: 9/26/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT.			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3.5'								30 inches Asphalt	The boring was backfilled with bentonite and the roadway cold patched at the completion of the boring.
	2.0							EL 2.5		Dry, red, BRICK fragments	
								EL 3.5		Damp, black, brown, red, Silty SAND and Brick fragments	
S-2	4.0	2'					5	EL 5.0		Dry to damp, gray, white, OYSTER SHELL fragments	
	6.0										
	8.0							EL 8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING LOG

BORING B-12
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT.			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	4'								Damp, brown, red, gray mottled, CLAY, trace Sand, Gravel, Mica	The boring was backfilled with bentonite at the completion of the boring.
	2.0		0.8								
								EL 3.0		Dry, tan, Silty SAND	A petroleum odor was evident from 4-8 ft bgs.
								EL 3.1		Damp, brown, black, Silty SAND, little Gravel, trace Mica, Brick fragments	
S-2	4.0	4'	1.0							Brown, tan, black	
							5				
	6.0		2.3								
	8.0		5.5					EL 8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-12

BORING LOG







BORING B-13

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV.	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	4'						EL		6 inches Asphalt	The boring was backfilled with bentonite and the roadway cold patched at the completion of the boring.
								0.5		Dry to damp, brown, gray, Silty SAND, little Gravel, trace Brick fragments	
	2.0		33.9								
								EL			
								3.5			
								EL		Dry, red, BRICK fragments	
S-2	4.0	4'	36.8					3.8		Damp, brown, Silty SAND Gray, brown, white, trace Gravel	
								EL			
								4.5		Dry, red, orange, BRICK fragments	
								EL			
							5	5.0		Damp, brown, gray, Silty SAND, trace Gravel, Glass fragments	
								EL			
	6.0		35.7					5.5		Damp to moist, brown, gray, tan, reddish brown, black mottled, CLAY, some to trace Sand, trace Gravel, Brick fragments, Glass fragments	
								EL			
	8.0		31.7					8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-13

BORING LOG







BORING B-14

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3.5'								Dry to damp, gray, brown, black, red, Silty SAND, little Gravel, Cinders, Brick fragments	The boring was backfilled with bentonite at the completion of the boring.
	2.0		0.8					EL 2.8		Damp, gray, CLAY, little Sand, trace Gravel	
S-2	4.0	4'	0.5				5			Damp, light brown, dark brown, tan, orangish brown, red, black, gray mottled, CLAY, little Sand, trace Gravel, Brick fragments	
	6.0		24.7								
	8.0		0.2					EL 8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-14

BORING LOG												BORING B-15	
PROJECT : Gateway South Phase II CLIENT : Baltimore Development Corporation SITE:												JOB NUMBER: 01-054370.06 SHEET NO. 1 of 1 STATION: OFFSET: ELEVATION: START DATE: 9/25/2007 END DATE: 9/25/2007 DRILLER: Alfredo/Tidewater LOGGED BY: DPC	
GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE					
Date	Time	Water	Casing	Cave-In	TYPE		DPT						
					SIZE, ID								
					HAMMER WT.								
					HAMMER FALL								
SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.		
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX							
S-1	0.0	2'								Dry, brown, Silty SAND, little Gravel, trace Mica, Plastic, organic matter	The boring was backfilled with bentonite at the completion of the boring.		
	2.0		1.4										
S-2	4.0	3'	1.8				5	EL 4.0		Dry, brown, Silty SAND, trace Gravel			
	6.0		0.7					EL 5.8		Moist, black, Silty SAND and Gravel, Coal fragments, trace Cobbles			
	8.0		4.6					EL 8.0		Bottom of Boring @ 8 ft.	A petroleum odor was evident from 6.67-8 ft bgs.		

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION	SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT	- S - SPLIT SPOON - T - THIN WALL TUBE - SS - 3in. SPLIT SPOON - R - DIAMOND CORE - W - WASH SAMPLE - U - UNDISTURBED	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		AND	35 TO 50
		OVER 30	HARD			

BORING B-15

BORING LOG







BORING B-16

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
9/25/2007	2:28:00 PM	4			SIZE, ID			
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	2'								Dry to damp, brown, Silty SAND, some Gravel	The boring was backfilled with bentonite at the completion of the boring.
	2.0		2.8								
S-2	4.0	2'	0.7					EL 4.0		Wet, brown, tan, orange, black, Silty SAND, trace Gravel lenses, Wood	Groundwater was encountered at 4 ft bgs.
	6.0		4.5				5				
	8.0		22.0					EL 8.0		Bottom of Boring @ 8 ft.	A slight petroleum odor was evident from 4-8 ft bgs.

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-16







BORING LOG

BORING B-17
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
9/25/2007	3 30 00 PM	8			SIZE, ID			
					HAMMER WT			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	4'						EL		Damp, brown, Silty SAND, some Gravel	Upon completion of the boring a metal (4' screened) rod was pushed to 20 ft bgs and pulled up to 16 ft bgs to expose the screen. Groundwater samples were then collected.
								1.3		Dry, red, BRICK fragments	
	2.0		138					2.0		Damp, brown, Silty Clayey SAND, little Gravel	
								EL			
S-2	4.0	1.5'	6.3					4.0		Moist to wet, brown, gray, black, Sandy GRAVEL, some Oyster Shell fragments, little Silt	
							5	EL			
								5.0		Moist to wet, gray, SILT, little Sand	
	6.0		4.2								
								EL			
S-3	8.0	1.5'	2.1					8.0		Wet, black, CLAY, trace Sand, Gravel, Oyster Shell fragments, Wood, organic matter	A petroleum odor was evident from 8-12 ft bgs.
	10.0		2.0				10				

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-17

BORING LOG







BORING B-17

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
9/25/2007	3:30:00 PM	8			SIZE, ID			
					HAMMER WT.			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS				DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX						
S-4	12.0		4.2						EL 12.0		Wet, gray, black, Silty Clayey SAND, some Gravel	The plastic tube became stuck in the metal tube, the soils had to be poured out and filled a Quart sized zip-lock bag. A petroleum odor was observed.
	14.0		5.1					15			Trace Gravel	
S-5	16.0		5.1						EL 16.0		Wet, black, gray, Silty SAND, and Debris (brick, shells, pottery, concrete, glass)	The plastic tube became stuck in the metal tube, the soils had to be poured out and filled a Quart sized zip-lock bag.
	18.0		5.4									
	20.0		5.4					20	EL 19.8 20.0		Wet, black, CLAY, trace Sand, organic Bottom of boring @ 20 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED	BORING B-17	

BORING LOG







BORING B-18

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3.5'								Dry, brown, Silty SAND, little Gravel, trace Metal debris	The boring was backfilled with bentonite at the completion of the boring.
	2.0		1.2								
								EL 3.0		Dry to damp, brown, SILT, little Sand, little Brick fragments	A sweet organic odor was evident from 4-9 ft bgs.
S-2	4.0	2'	4.6					EL 4.0		Dry to damp, light brown, dark brown, Silty SAND, trace Brick fragments, Wood	
							5				
	6.0		0.9								
	8.0		43.2					EL 8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		
						BORING	B-18







BORING LOG

BORING B-19
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVD	DPT	
9/27/2007	12:27:00 PM	16			SIZE, ID	1"		
					HAMMER WT			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3'						EL 1.0		Dry to damp, brown, red, SILT and Brick fragments, little Sand, Gravel	Upon completion of the boring 1" PVC casing was installed to a depth of 17 ft bgs and groundwater samples were collected.
	2.0	1.8						EL 2.1		Damp, tan, Silty SAND	
										Dry, white, gray, tan, GRAVEL	The boring was backfilled with bentonite.
										Damp, brown, SILT, little Sand, trace Gravel	
S-2	4.0	3.5'	1.1					EL 4.0		Damp, brown, Silty SAND and Gravel	
	6.0	1.2						EL 6.5		Dry, dark red, BRICK fragments	
								EL 6.8		Dry to damp, gray, brown, GRAVEL and Silty Sand	
S-3	8.0	3'	0.4					EL 8.0		Damp, brown, gray, Silty SAND, little Gravel, trace Brick fragments, Wood	
								EL 9.5		Dry, white, gray, SILT, little Mica	
	10.0	1.1						EL 9.8		Damp, light brown, Silty SAND, trace Gravel	
								EL 10.3			
								EL 10.5		Dry, red, BRICK fragments	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-19

BORING LOG												BORING B-20	
PROJECT : Gateway South Phase II CLIENT : Baltimore Development Corporation SITE:												JOB NUMBER: 01-054370.06 SHEET NO. 1 of 1 STATION: OFFSET: ELEVATION: START DATE: 9/25/2007 END DATE: 9/25/2007 DRILLER: Alfredo/Tidewater LOGGED BY: DPC	
GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE					
Date	Time	Water	Casing	Cave-In	TYPE		DPT						
					SIZE, ID								
					HAMMER WT								
					HAMMER FALL								
SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.		
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX							
S-1	0.0	3.5'								Dry to damp, tan, brown, medium SAND, some Silt, trace Brick fragments, Glass fragments	The boring was backfilled with bentonite at the completion of the boring.		
	2.0		1.1										
							EL 2.7			Damp, brown, SILT, little Sand, trace Mica			
							3.0			Dry to damp, tan, brown, medium SAND, little Silt, trace Gravel			
S-2	4.0	2'	1.0										
							5						
	6.0		1.9										
	8.0		1.5					EL 8.0		Bottom of Boring @ 8 ft.			

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION	SAMPLE PROPORTIONS										
0-4	VERY LOOSE	0-2	VERY SOFT	- S - SPLIT SPOON	<table style="width: 100%; border: none;"> <tr> <th style="text-align: left;">DESCRIPTIVE TERM</th> <th style="text-align: left;">PERCENT</th> </tr> <tr> <td>TRACE</td> <td>1 TO 10</td> </tr> <tr> <td>LITTLE</td> <td>11 TO 20</td> </tr> <tr> <td>SOME</td> <td>21 TO 35</td> </tr> <tr> <td>AND</td> <td>35 TO 50</td> </tr> </table>	DESCRIPTIVE TERM	PERCENT	TRACE	1 TO 10	LITTLE	11 TO 20	SOME	21 TO 35	AND	35 TO 50
DESCRIPTIVE TERM	PERCENT														
TRACE	1 TO 10														
LITTLE	11 TO 20														
SOME	21 TO 35														
AND	35 TO 50														
5-10	LOOSE	3-4	SOFT	- T - THIN WALL TUBE											
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF	- SS - 3in. SPLIT SPOON											
31-50	DENSE	9-15	STIFF	- R - DIAMOND CORE											
OVER 50	VERY DENSE	16-30	VERY STIFF	- W - WASH SAMPLE											
		OVER 30	HARD	- U - UNDISTURBED											

BORING B-20

BORING LOG







BORING B-21

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
9/25/2007	12:05:00 PM	16			SIZE. ID			
					HAMMER WT.			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS				DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX						
S-1	0.0	2'									Dry, brown, Silty SAND, trace Gravel	The boring was backfilled with bentonite at the completion of the boring.
									EL		Silty SAND and Gravel	
	2.0	1.3							1.5 EL		Damp, black, Silty CLAY, some Sand, trace Mica, organic matter	
									2.0		Dry, brown, Silty SAND with lenses of damp, brown, black, Clay.	A petroleum odor was evident from 3.5-4 ft bgs.
S-2	4.0	2'	26.5									
								5	EL			
									5.0 EL		Damp, black, Silty CLAY, little Sand, trace Mica	A petroleum odor was evident from 4-8 ft bgs.
	6.0	6.8							5.5		Damp, black, Silty SAND, trace Coal fragments	
S-3	8.0	3.5'	20.2									A petroleum odor was evident from 8-12 ft bgs.
									EL		Moist, black, brown, Silty Clayey SAND	
									9.0 EL		Dry to moist, brown, black, Silty SAND and Gravel	
									9.5		Moist, black, CLAY, trace Sand, Mica	
	10.0	25.7						10	EL			
									10.5		Damp, tan, SILT, little Sand, trace Clay,	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-21

BORING LOG

BORING B-21

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
9/25/2007	12 05 00 PM	16			SIZE, ID			
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-4	12.0	4'	2.4					EL		Gravel	Groundwater was encountered at 16 ft bgs.
								12.0		Moist to wet, black, CLAY, trace Sand Mica	
								EL		Wet, black, tan, Clayey SAND, trace Gravel	
	14.0	4.1					EL		Damp, tan, white, Sandy SILT		
							14.0 EL		Moist, brown, gray, black, Silty SAND, trace Gravel		
						14.5 EL 15.0		Moist to wet, gray, black, Clayey SAND, trace Gravel, Brick fragments			
S-5	16.0	4'	2.2						Wet, gray, black, tan, white mottled		
								EL		Wet, gray, black, Silty Clayey SAND and Oyster Shell fragments	
								17.0 EL 17.5		Wet, black, gray, Clayey SAND and Wood, trace Gravel	
	18.0	1.2									
							EL		Bottom of Boring @ 20 ft.		
20.0	2.0					20	20.0				

Groundwater was encountered at 16 ft bgs.

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-21







BORING LOG

BORING **B-22**
JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3'						EL		Dry, brown, Silty SAND, trace Gravel	The boring was backfilled with bentonite at the completion of the boring.
	2.0	1.5						1.0		Dry to damp, brown, medium SAND, some Silt, trace Gravel	
								EL		Damp, black, CLAY, little Sand, trace organic matter	A petroleum odor was evident from 3' 11" - 4' bgs.
								3.0			
S-2	4.0	3.5'	1.1					EL		Dry to damp, black, Silty SAND	A strong petroleum odor was evident from 5-8 ft bgs.
								4.0			
								EL		Moist, black, CLAY, trace Sand, Mica, organic matter	
								4.5			
	6.0	7.4									
	8.0	25.9						EL		Bottom of Boring @ 8 ft.	
								8.0			

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		
						BORING	B-22

BORING LOG







BORING B-23

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3'								Dry, brown, Silty SAND, trace Gravel, Glass fragments	The boring was backfilled with bentonite at the completion of the boring.
	2.0		0.6								
S-2	4.0	2'	1.3								
							5	EL 5.0		Dry, brown, SILT, little Sand	
	6.0		0.6					EL 6.0		Damp, black, CLAY, trace Sand, Mica	A petroleum odor was evident from 6-8 ft bgs.
	8.0		25.8					EL 8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-23

BORING LOG										BORING B-24	
PROJECT : Gateway South Phase II CLIENT : Baltimore Development Corporation SITE:										JOB NUMBER: 01-054370.06 SHEET NO. 1 of 2 STATION: OFFSET: ELEVATION: START DATE: 9/25/2007 END DATE: 9/25/2007 DRILLER: Alfredo/Tidewater LOGGED BY: DPC	
GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE			
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT				
9/25/2007	1:45:00 PM	17			SIZE, ID	1"					
					HAMMER WT						
					HAMMER FALL						
SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	1'								Dry, brown, gray, Silty SAND, little Gravel, trace Glass fragments	Upon completion of the boring 1" PVC casing was installed to a depth of 16 ft bgs and groundwater samples were collected. The boring was backfilled with bentonite.
	2.0		2.8								
S-2	4.0	1'	2.6				5				
	6.0		2.4								A petroleum odor was evident from 5-8 ft bgs.
S-3	8.0	4'	3.2					EL 9.0		Damp, black, CLAY	
	10.0		4.6				10				

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION	SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT	- S - SPLIT SPOON - T - THIN WALL TUBE - SS - 3in. SPLIT SPOON - R - DIAMOND CORE - W - WASH SAMPLE - U - UNDISTURBED	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		AND	35 TO 50
		OVER 30	HARD			

BORING B-24

BORING LOG







BORING B-24

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/25/2007
END DATE: 9/25/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/25/2007	1:45:00 PM	17			SIZE. ID	1"		
					HAMMER WT			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS				DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX						
S-4	12.0	1'	12.0						EL 12.0		Moist, black, Silty SAND, little Gravel, trace Brick fragments, Clay	
	14.0		1.2					15				
S-5	16.0	2'	1.2						EL 16.0		Moist, black, CLAY	A slight petroleum odor was evident from 16-20 ft bgs.
									EL 17.0		Wet, black, gray, Silty SAND, little Gravel	Groundwater was encountered at 17 ft bgs.
	18.0		4.8									
	20.0		1.6					20	EL 20.0		Bottom of Boring @ 20 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-24

BORING LOG







BORING B-25

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 1
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE		DPT	
					SIZE, ID			
					HAMMER WT			-----
					HAMMER FALL			-----

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3.5'						EL		Dry, gray, gray-green, GRAVEL with Silty Sand	The boring was backfilled with bentonite at the completion of the boring.
								1.0		Dry to damp, brown, Silty SAND, little Gravel	
	2.0		1.9								
S-2	4.0	3'	1.4				5			Damp, light brown, trace Gravel	
								EL			
	6.0		0.5					6.0		Damp, dark brown with black, gray lenses, Clayey SAND, trace Gravel	
								EL			
	8.0		1.2					8.0		Bottom of Boring @ 8 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-25

BORING LOG

BORING B-26

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 1 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/27/2007	3 05 00 PM	8			SIZE, ID	1"		
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-1	0.0	3.33'								18 inches Asphalt	Upon completion of the boring 1" PVC casing was installed to a depth of 15.5 ft bgs and groundwater samples were collected. The boring was backfilled with bentonite and the roadway was cold patched.
	2.0							EL 1.5		Damp, black, SAND and Gravel, some Silt	
								EL 2.7		Damp, tan, Silty SAND and Oyster Shell fragments	
								EL 3.0		Damp to moist, gray, black, Sandy CLAY, some Oyster Shell fragments	
S-2	4.0	1.5'	23.2					EL 4.0		Moist, black, Clayey SAND, some Gravel, Oyster Shell fragments	A petroleum odor was evident from 0-4 ft bgs. A petroleum odor was evident from 4-8 ft bgs.
	6.0		26.9								
S-3	8.0	2'	26.9					EL 8.0		Wet, black, CLAY, trace Sand, Gravel	Groundwater was encountered at 8 ft bgs. A strong petroleum odor was evident and a noticable sheen was observed from 8-9.33 ft bgs. A petroleum odor was evident from 11.33-12 ft bgs.
								EL 9.3		Wet, gray, Gravelly SAND, little Silt	
	10.0		122								

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-26

BORING LOG







BORING B-26

PROJECT : Gateway South Phase II
CLIENT : Baltimore Development Corporation
SITE:

JOB NUMBER: 01-054370.06
SHEET NO. 2 of 2
STATION:
OFFSET:
ELEVATION:
START DATE: 9/27/2007
END DATE: 9/27/2007
DRILLER: Alfredo/Tidewater
LOGGED BY: DPC

GROUNDWATER		DEPTH OF: (feet)			EQUIPMENT	CASING	SAMPLER	CORE
Date	Time	Water	Casing	Cave-In	TYPE	PVC	DPT	
9/27/2007	3:05:00 PM	8			SIZE, ID	1"		
					HAMMER WT			
					HAMMER FALL			

SAMPLE NUMBER	SAMPLE DEPTH	SAMPLE RECOVERY	PID	LABORATORY TEST RESULTS			DEPTH	ELEV. DEPTH	GRAPHICS	DESCRIPTION AND CLASSIFICATION	NOTES ON: WATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, ETC.
				NAT. WATER CONTENT	LIQUID LIMIT	PLASTICITY INDEX					
S-4	12.0	3'	18.1					EL 12.0		Wet, green, gray-green with brown lenses, Silty Clayey SAND, some Mica, trace Quartz Gravel	
	14.0		25.7				15	EL 14.0		Moist to wet, green, gray-green with brown lenses, micaceous CLAY, little Sand	
S-5	16.0		23.2					EL 16.0		Wet, brown, gray, Clayey SAND, little Mica	The plastic tube became stuck in the metal tube, the soils had to be poured out and filled half of a Gallon sized zip-lock bag.
	18.0		14.3								
								EL 19.5		Wet, brown, Silty SAND, little Mica	
	20.0		14.3				20	EL 20.0		Bottom of Boring @ 20 ft.	

BLOWS/FT.	DENSITY	BLOWS/FT.	CONSISTENCY	SAMPLE IDENTIFICATION		SAMPLE PROPORTIONS	
0-4	VERY LOOSE	0-2	VERY SOFT		- S - SPLIT SPOON	DESCRIPTIVE TERM	PERCENT
5-10	LOOSE	3-4	SOFT		- T - THIN WALL TUBE	TRACE	1 TO 10
11-30	MEDIUM DENSE	5-8	MEDIUM STIFF		- SS - 3in. SPLIT SPOON	LITTLE	11 TO 20
31-50	DENSE	9-15	STIFF		- R - DIAMOND CORE	SOME	21 TO 35
OVER 50	VERY DENSE	16-30	VERY STIFF		- W - WASH SAMPLE	AND	35 TO 50
		OVER 30	HARD		- U - UNDISTURBED		

BORING B-26