

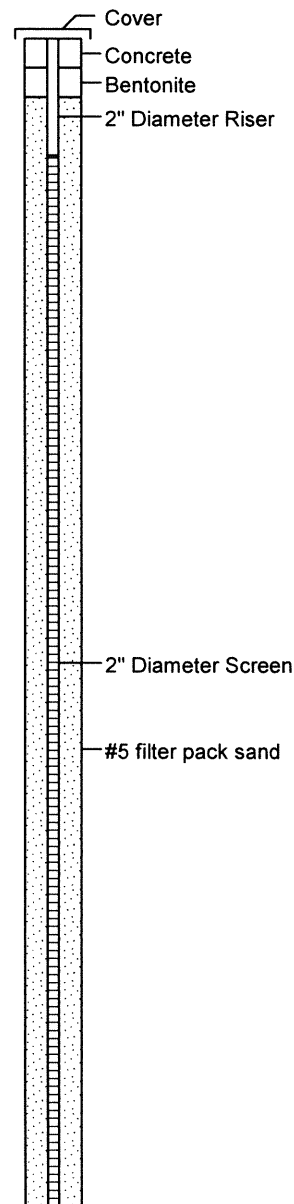
# LOG OF BORING MW-52

(Page 1 of 1)

Prepared for: U.S. EPA Region V Florida Gas Plant Site Contract No: EP-SS-06-04 TDD: S05-0003-0707-011 DCN: 238-2A-ABJJ	Date Started : 09/12/2007 Date Completed : 09/12/2007 Auger Diameter : 4.25 inches Drilling Method : Hollow Stem Auger Sampling Method : Split Spoon	Logged By : W. Taavola Checked By : A. Clark Drilled By : Altech

Depth in Feet	Samples	PID Head Space	% Rec- overy	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, fine, brown, wet	
2							
4	1	-	-		SP		MW-52 set at 2' to 20', sand to 1' bgs, bentonite to bottom of vault
6							
8	2	-	-			SAND, medium, trace red silt, red brown, moist	
10					SW		
12							
14	3	-	-		SW	SAND, red brown	
16						SILTY CLAY, dense, red-brown	
18	4	-	-		SP	SAND, coarse, brown	
20					CL	CLAY, trace gravel, red	
22						End of boring at 20ft bgs	

Well: MW-52  
Elev.: 1186.05





# LOG OF BORING MW-53

(Page 1 of 1)

Prepared for: U.S. EPA Region V  
Florida Gas Plant Site  
Contract No: EP-SS-06-04

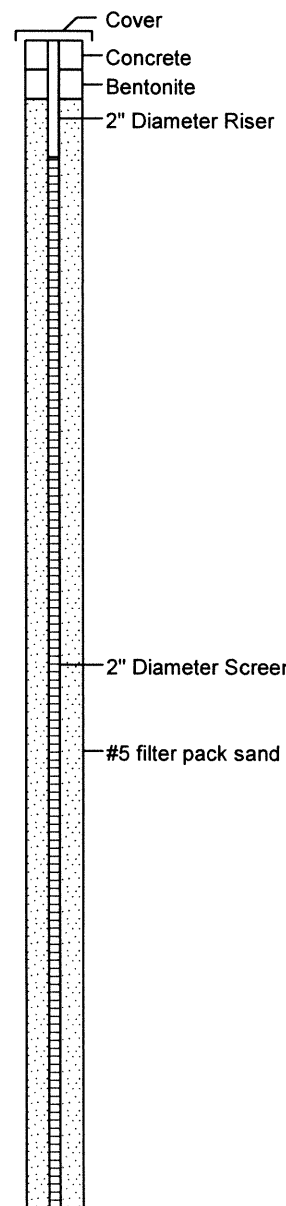
Date Started : 09/12/2007  
Date Completed : 09/12/2007  
Auger Diameter : 4.25 inches  
Drilling Method : Hollow Stem Auger  
Sampling Method : Split Spoon

Logged By : W. Taavola  
Checked By : A. Clark  
Drilled By : Altech

TDD: S05-0003-0707-011  
DCN: 238-2A-ABJJ

Depth in Feet	Samples	PID Head Space	% Rec- overy	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, trace coal tar	
2							
4	1	-	-			Black tar mixed with sand at 4' bgs	
6							
8	2	-	-				
10					SW	fine to medium grained, grown	
12							
14	3	-	-			red brown	
16							
18	4	-	-				
20						SILTY CLAY, red-brown	
22						End of boring at 20 ft bgs	

Well: MW-53  
Elev.: 1185.66



# LOG OF BORING MW-54

(Page 1 of 1)

Prepared for: U.S. EPA Region V  
Florida Gas Plant Site  
Contract No: EP-SS-06-04

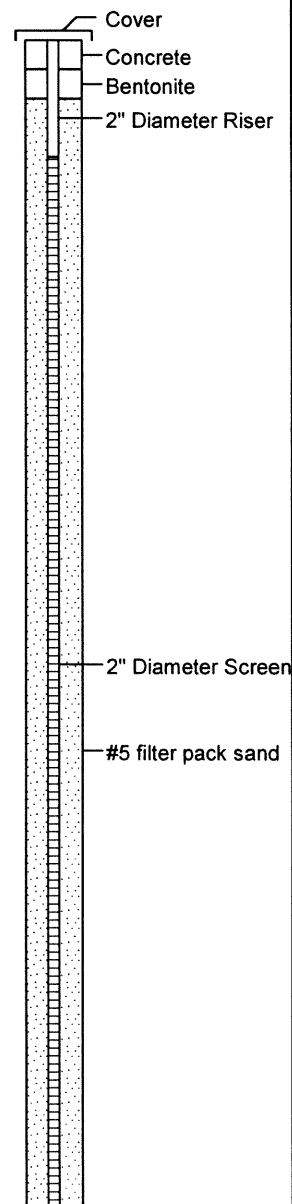
Date Started : 09/13/2007  
Date Completed : 09/13/2007  
Auger Diameter : 4.25 inches  
Drilling Method : Hollow Stem Auger  
Sampling Method : Split Spoon

Logged By : W. Taavola  
Checked By : A. Clark  
Drilled By : Altech

TDD: S05-0003-0707-011  
DCN: 238-2A-ABJJ

Depth in Feet	Samples	PID Head Space	% Recovery	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, trace coarse grained sand, brown, moist	
2					SW		
4	1	-	-			SILTY CLAY, dense, red-brown	
6							
8	2	-	-				
10					ML	SILT, wet, oily sheen	
12					SW	SAND, with red-brown clay	
14	3	-	-		SW	SAND, trace coarse grained sand	
16					CL	CLAY, very dense, red-brown	
18	4	-	-				
20					SC	CLAY, trace coarse sand, red-brown	
22						End of boring at 20 ft bgs	

Well: MW-54  
Elev.: 1185.32



# LOG OF BORING MW-55

(Page 1 of 1)

Prepared for: U.S. EPA Region V  
Florida Gas Plant Site  
Contract No: EP-SS-06-04

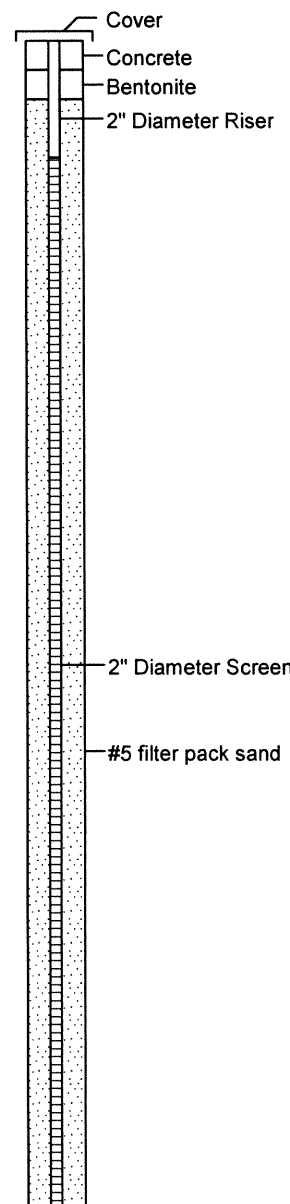
Date Started : 09/13/2007  
Date Completed : 09/13/2007  
Auger Diameter : 4.25 inches  
Drilling Method : Hollow Stem Auger  
Sampling Method : Split Spoon

Logged By : W. Taavola  
Checked By : A. Clark  
Drilled By : Altech

TDD: S05-0003-0707-011  
DCN: 238-2A-ABJJ

Depth in Feet	Samples	PID Head Space	% Rec- overy	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, medium grained, some red silt, brown	
2							
4	1	-	-		SW		
6							
8	2	-	-		SW	SAND, medium grained, some red silt, brown	
10						CLAY, very dense, gray	
12					CL		
14	3	-	-			CLAY, some silt, red	
16							
18	4	-	-		SW	SAND, trace coarse grains	
20						CLAY, silty, red	
22						End of boring at 20 ft bgs	

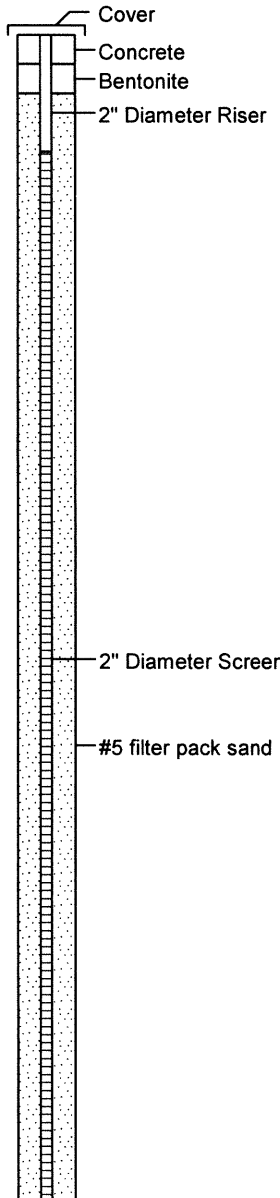
Well: MW-55  
Elev.: 1183.91



# LOG OF BORING MW-56

(Page 1 of 1)

Prepared for: U.S. EPA Region V Florida Gas Plant Site Contract No: EP-SS-06-04 TDD: S05-0003-0707-011 DCN: 238-2A-ABJJ	Date Started : 09/11/2007 Date Completed : 09/11/2007 Auger Diameter : 4.25 inches Drilling Method : Hollow Stem Auger Sampling Method : Split Spoon	Logged By : W. Taavola Checked By : A. Clark Drilled By : Altech

Depth in Feet	Samples	PID Head Space	% Recovery	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, impacted, black	Well: MW-56 Elev.: 1186.77  
2					SW		
4	1	-	-			SAND, fine, wet	
6					SP		
8	2	-	-				
10						SILTY SAND, red-brown, wet	
12					SM		MW-56 set at 2' to 20', sand to 1' bgs, bentonite to bottom of vault  2" Diameter Screen #5 filter pack sand
14	3	-	-		CL	CLAY, gray, moist	
16						SILTY CLAY, red-brown, moist	
18	4	-	-				
20						End of boring at 20 ft bgs	
22							

# LOG OF BORING MW-57

(Page 1 of 1)

Prepared for: U.S. EPA Region V  
Florida Gas Plant Site  
Contract No: EP-SS-06-04

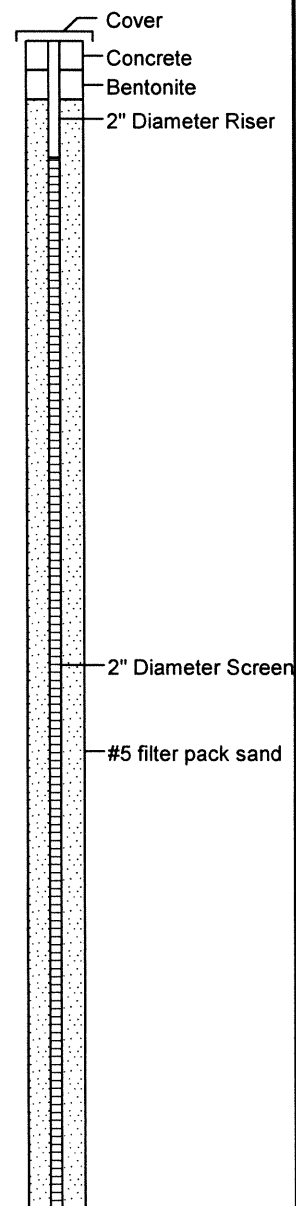
Date Started : 09/11/2007  
Date Completed : 09/12/2007  
Auger Diameter : 4.25 inches  
Drilling Method : Hollow Stem Auger  
Sampling Method : Split Spoon

Logged By : W. Taavola  
Checked By : A. Clark  
Drilled By : Altech

TDD: S05-0003-0707-011  
DCN: 238-2A-ABJJ

Depth in Feet	Samples	PID Head Space	% Recovery	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, coarse grained, brown	
2					SP		
4	1	-	-		CL	CLAY, dense	
6							MW-57 set at 2' to 20', sand to 1' bgs, bentonite to bottom of vault
8	2	-	-				
10					SP	SAND, coarse grained, brown	
12							
14	3	-	-		0	No Recovery	
16					SW	SAND, red-brown	
18	4	-	-				
20					CL	CLAY, dense, red-brown	
22						End of boring at 20 ft bgs	

Well: MW-57  
Elev.: 1185.46

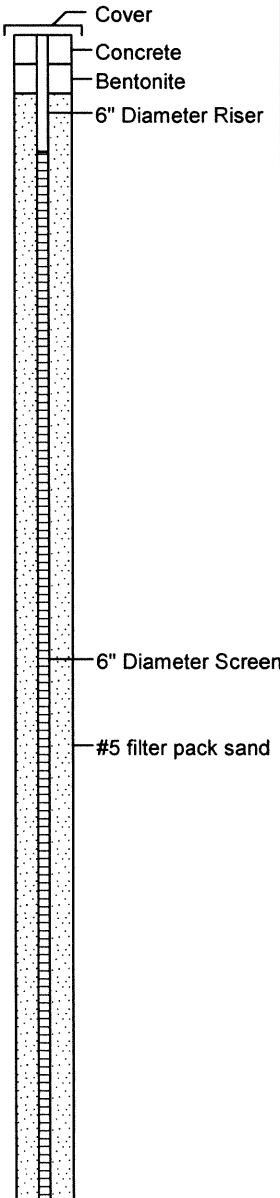




# LOG OF BORING R1

(Page 1 of 1)

Prepared for: U.S. EPA Region V Florida Gas Plant Site Contract No: EP-SS-06-04  TDD: S05-0003-0707-011 DCN: 238-2A-ABJJ	Date Started : 09/10/2007 Date Completed : 09/10/2007 Auger Diameter : 10 inches Drilling Method : Hollow Stem Auger Sampling Method : Split Spoon	Logged By : W. Taavola Checked By : A. Clark Drilled By : Altech

Depth in Feet	Samples	PID Head Space	% Recovery	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, trace of gravel, moist	Well: R1 Elev.: 1186.19  
2							
4	1	-	-			SW 4'-5' impacted with coal tar	
6							
8	2	-	-				
10						SILT, some sand, brown, moist	R1 set at 2' to 20', sand to 1' bgs, bentonite to bottom of vault  6" Diameter Screen  #5 filter pack sand
12							
14	3	-	-			SILTY SAND, red, wet	
16					SM		
18	4	-	-				
20					ML	SILT, fine grained, red-brown, wet	
22						End of boring at 20 ft bgs	



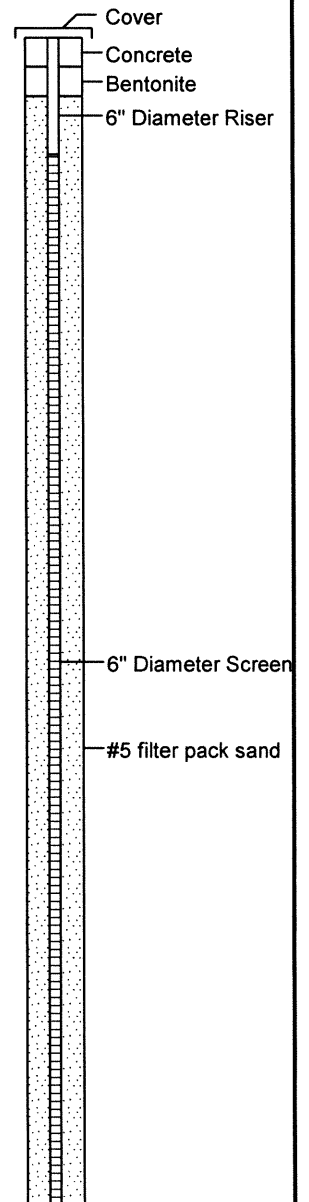
# LOG OF BORING R2

(Page 1 of 1)

Prepared for: U.S. EPA Region V Florida Gas Plant Site Contract No: EP-SS-06-04  TDD: S05-0003-0707-011 DCN: 238-2A-ABJJ	Date Started : 09/14/2007 Date Completed : 09/14/2007 Auger Diameter : 10 inches Drilling Method : Hollow Stem Auger Sampling Method : Split Spoon	Logged By : W. Taavola Checked By : A.Clark Drilled By : Altech

Depth in Feet	Samples	PID Head Space	% Rec- overy	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, fine to medium grained with some clay, red-brown	
2							
4	1	-	-				
6							
8	2	-	-				
10					SC		
12							
14	3	-	-				
16							
18	4	-	-				
20					SW	SAND, fine to medium grained, trace coarse grained sand, trace clay, red-brown	
22						End of boring at 20 ft bgs	

Well: R2  
Elev.: 1184.68





# LOG OF BORING R3

(Page 1 of 1)

Prepared for: U.S. EPA Region V  
Florida Gas Plant Site  
Contract No: EP-SS-06-04

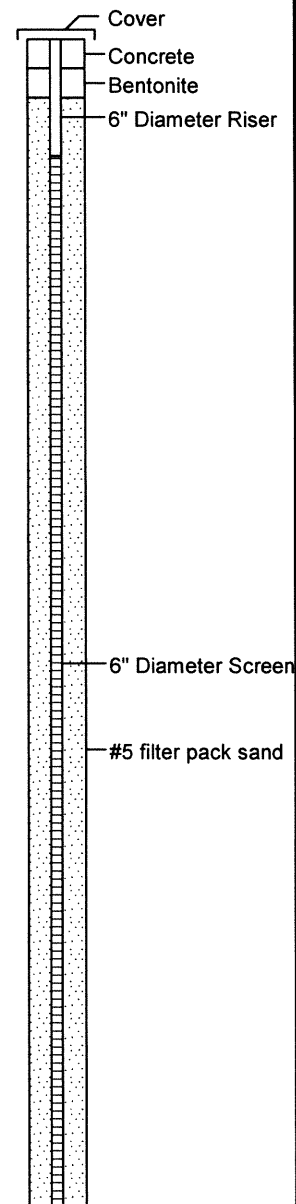
Date Started : 09/13/2007  
Date Completed : 09/13/2007  
Auger Diameter : 10 inches  
Drilling Method : Hollow Stem Auger  
Sampling Method : Split Spoon

Logged By : W. Taavola  
Checked By : A. Clark  
Drilled By : Altech

TDD: S05-0003-0707-011  
DCN: 238-2A-ABJJ

Depth in Feet	Samples	PID Head Space	% Rec- overy	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, fine grained, with oily sheen	
2							
4	1	-	-				
6							
8	2	-	-		SP		
10							
12							
14	3	-	-			black asphalt	
16							
18	4	-	-			SILTY CLAY, red-brown, with oily sheen	
20							
22							

Well: R3  
Elev.: 1184.85



End of boring at 20 ft bgs



# LOG OF BORING R4

(Page 1 of 1)

Prepared for: U.S. EPA Region V  
Florida Gas Plant Site  
Contract No: EP-SS-06-04

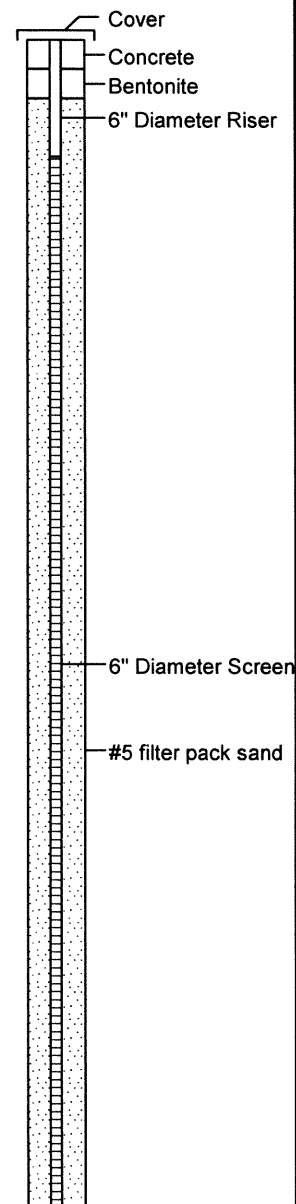
Date Started : 09/17/2007  
Date Completed : 09/17/2007  
Auger Diameter : 10 inches  
Drilling Method : Hollow Stem Auger  
Sampling Method : Split Spoon

Logged By : W. Taavola  
Checked By : A. Clark  
Drilled By : Altech

TDD: S05-0003-0707-011  
DCN: 238-2A-ABJJ

Depth in Feet	Samples	PID Head Space	% Rec- overy	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, fine to medium grained, brown	
2							
4	1	-	-		SW		
6							R4 set at 2' to 20', sand to 1' bgs, bentonite to bottom of vault
8	2	-	-				
10					CL	CLAY, red-brown to dark brown	
12							
14	3	-	-			SANDY CLAY, fine to medium grained	
16							
18	4	-	-		CL	CLAY, dense, red-brown	
20							
22						End of boring at 20 ft bgs	

Well: R4  
Elev.: 1186.04





# LOG OF BORING R5

(Page 1 of 1)

Prepared for: U.S. EPA Region V  
Florida Gas Plant Site  
Contract No: EP-SS-06-04

Date Started : 09/10/2007  
Date Completed : 09/10/2007  
Auger Diameter : 10 inches  
Drilling Method : Hollow Stem Auger  
Sampling Method : Split Spoon

Logged By : W. Taavola  
Checked By : A. Clark  
Drilled By : Altech

TDD: S05-0003-0707-011  
DCN: 238-2A-ABJJ

Depth in Feet	Samples	PID Head Space	% Rec- overy	GRAPHIC	USCS	DESCRIPTION	REMARKS
0						SAND, fine to medium grained, trace coarse sand, brown, moist	
2							
4	1	-	-		SW		
6							
8	2	-	-				
10					SM	SAND, some silt, red-brown, moist	
12							
14	3	-	-			SAND, trace of silt, red	
16					SW	Approximately 4" of concrete @ 15'	
18							
20	4	-	-		SP	SAND, some coarse	
22						SILTY CLAY, dense, red, moist	
						End of boring at 20 ft bgs	

Well: R5  
Elev.: 1186.04

