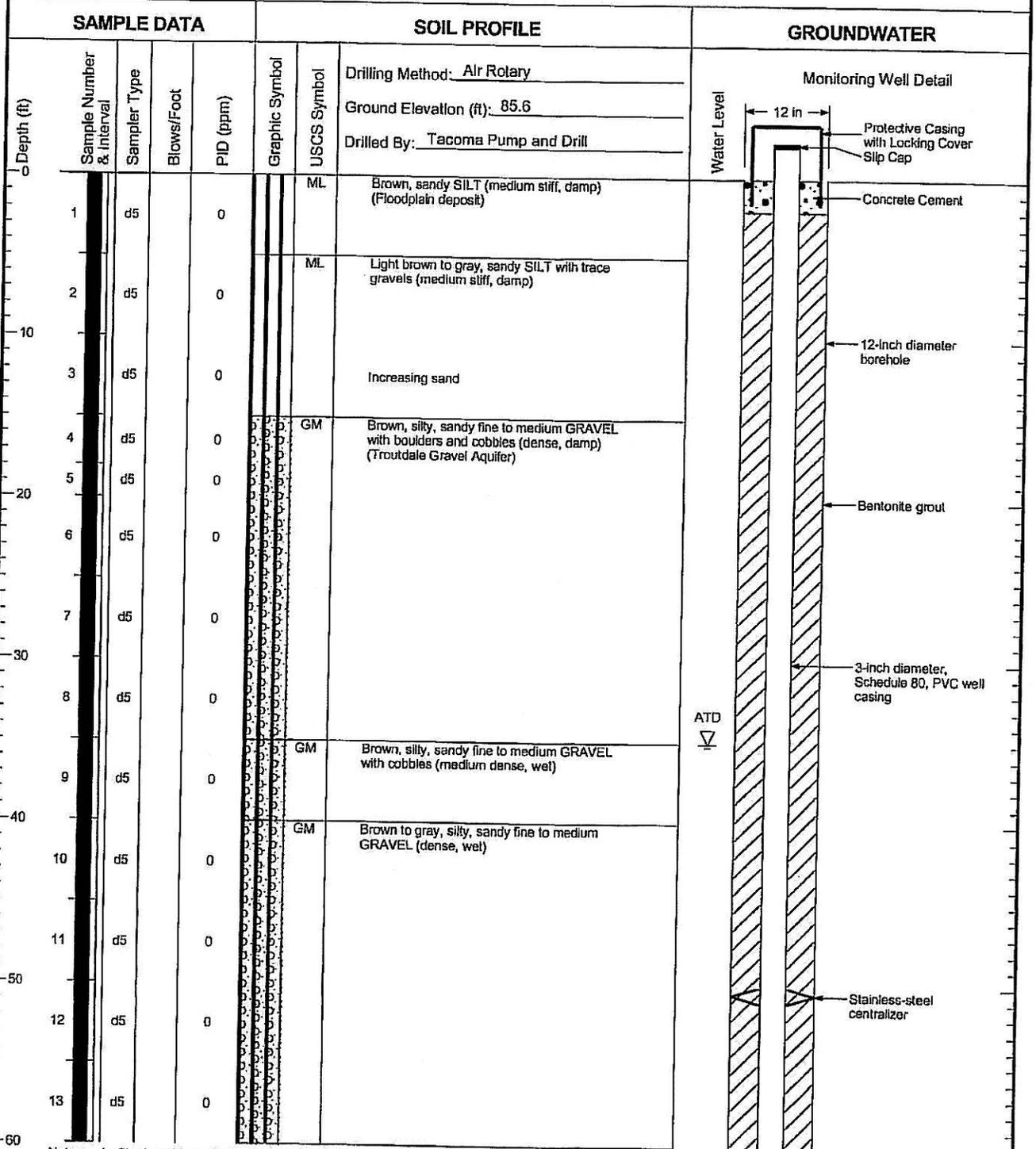


BOP-71 (ds)



26116, 8/17/07 WEDNADATANGINTAPROJECTS025116_BOP-71 (DS), GPJ, WELL LOG

- Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
 2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
 3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.



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Log of Monitoring Well BOP-71 (ds)

Figure
A-3
(1 of 6)

BOP-71 (ds)

SAMPLE DATA					SOIL PROFILE			GROUNDWATER				
Depth (ft)	Sample Number & Interval	Sampler Type	Blows/Foot	PID (ppm)	Graphic Symbol	USCS Symbol	Monitoring Well Detail					
							Drilling Method: Air Rotary	Ground Elevation (ft): 85.6	Drilled By: Tacoma Pump and Drill	Water Level		
120						GP						
26	d5		0			Black to tan, sandy, GRAVEL (dense, wet)						
27	d5		0			gravel fragments are white and tan and have a sandy matrix increasing quartzite and chert						
28	d5		0									
29	d5		0									
130												
29	d5		0			Gray-brown, sandy, medium to coarse, very micaceous GRAVEL with some fine sand						
30	d5		0									
31	d5		0									
32	d5		0									
140												
33	d5		0			Gray-black, sandy, medium to coarse GRAVEL with multi-colored rock chips (dense, wet)						
34	d5		0									
35	d5		0									
36	d5		0									
150												
37	d5		0									
38	d5		0									
160												
37	d5		0									
38	d5		0									
170												
38	d5		0									
180												
38	d5		0									
180												
38	d5		0									
180												
38	d5		0									

26116_BA7107_IEDMATA\GINT\GINT\PROJECT\S026116_BOP-71 (ds),GPI WELL LOG

- Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
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 3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.



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Log of Monitoring Well BOP-71 (ds)

Figure
A-3
(3 of 6)

BOP-71 (ds)

SAMPLE DATA		SOIL PROFILE				GROUNDWATER			
Depth (ft)	Sample Number & Interval	Sampler Type	Blows/Foot	PID (ppm)	Graphic Symbol	USCS Symbol	Drilling Method: Air Rotary Ground Elevation (ft): 85.6 Drilled By: Tacoma Pump and Drill	Water Level	Monitoring Well Detail
180									
39	d5			0		GP	Gray-black, sandy, medium to coarse GRAVEL with multi-colored rock chips (dense, wet)		12-inch diameter borehole
40	d5			0		GP	Gray to black, sandy GRAVEL with occasional siltstone (medium dense, wet)		
190									
41	d5			0		SLS	Blue-gray, SILTSTONE (medium stiff, wet) (Confining Unit 1)		Step-down to 8-inch diameter borehole
42	d5			0		SLS	Light brown, SILTSTONE (medium stiff, wet)		
43	d5			0		SNS	Light brown with black, SANDSTONE with black specs (dense, wet)		
44	d5			0		SNS	Gray, silty SANDSTONE (dense, wet)		
45	d5			0		SNS	Gray, silty SANDSTONE (dense, wet)		
200									
46	d5			0		SNS	Gray, silty SANDSTONE (dense, wet)		
47	d5			0		SNS	Gray, silty SANDSTONE (dense, wet)		Bentonite grout
NR	d5								
210									
NR	d5								
220									
48	d5			0		SNS	Gray, silty SANDSTONE (dense, wet)		8-inch diameter borehole
49	d5			0		SNS	Gray, silty SANDSTONE (dense)		Stainless-steel centralizer
50	d5			0		SLS	Gray, SILTSTONE (medium stiff, moist-wet)		
51	d5			0		SP	Black and white, SAND with pumice and wood (loose, wet)		
230									
52	d5			0		SNS	Black, SANDSTONE (dense, wet)		3-inch diameter, Schedule 80, PVC well casing
53	d5			0		SLS	Blue-Gray, SILTSTONE with trace sand (medium stiff, wet)		
240									

- Notes:
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 3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

25116, 8/17/07, I:\EDM\DATA\GINT\GINT\PROJECTS\025116_BOP-71 (DS).GPI WELL LOG

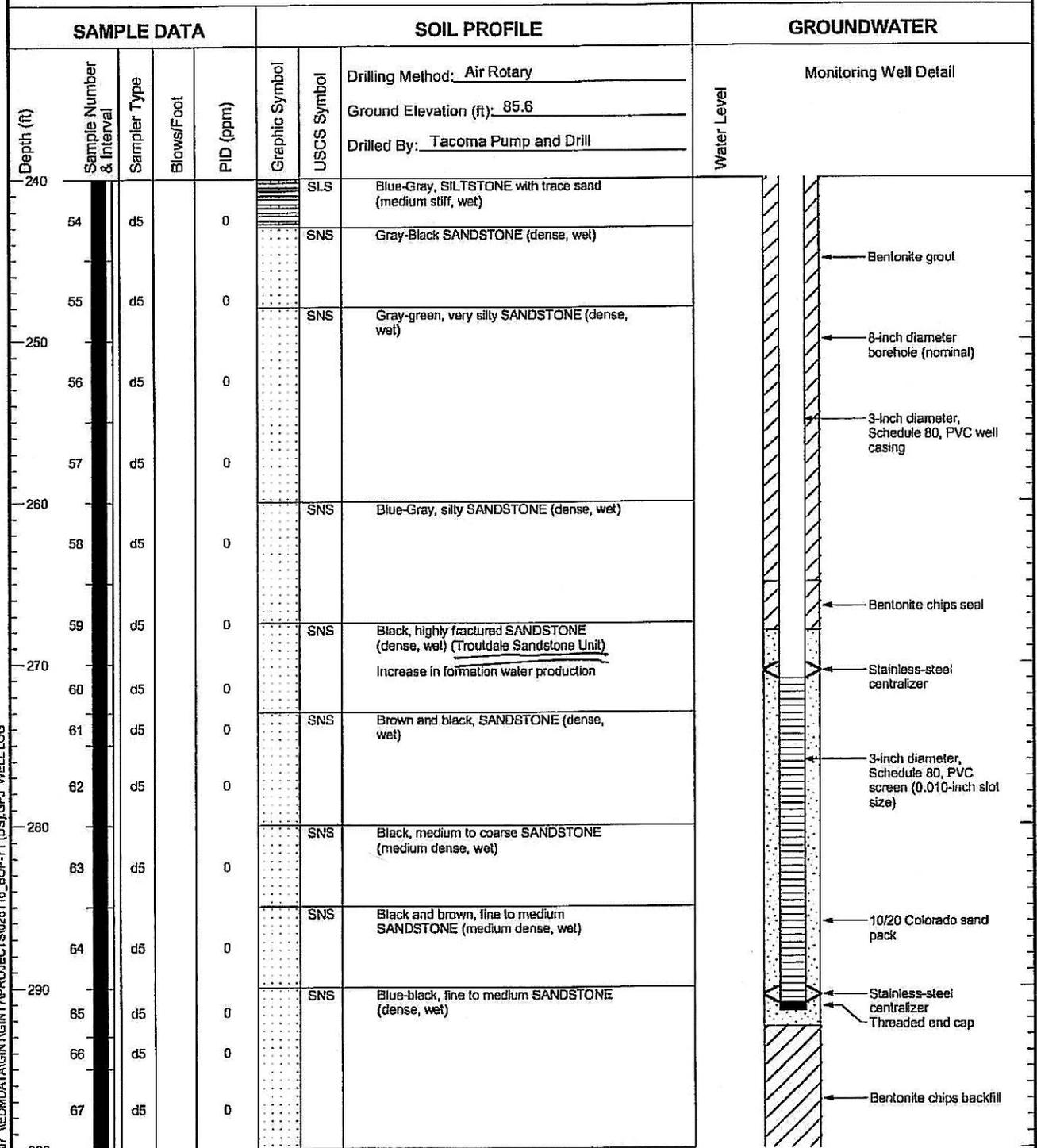


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Log of Monitoring Well BOP-71 (ds)

Figure
A-3
(4 of 6)

BOP-71 (ds)



25115_B17107_WEDMATA\GINT\PROJECT\S026116_BOP-71 (DS) GPJ WELL LOG

- Notes:
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 3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.



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Log of Monitoring Well BOP-71 (ds)

Figure
A-3
(5 of 6)

BOP-71 (ds)

SAMPLE DATA		SOIL PROFILE			GROUNDWATER						
Depth (ft)	Sample Number & Interval	Sampler Type	Blows/Foot	PID (ppm)	Graphic Symbol	USCS Symbol	Drilling Method: Air Rotary	Ground Elevation (ft): 85.6	Drilled By: Tacoma Pump and Drill	Water Level	Monitoring Well Detail
300	68	d5		0	[Dotted Pattern]	SNS	Blue-black SANDSTONE with some chert gravels (dense, wet) (TSA Sandstone)			[Hatched Pattern]	
306	69	d5		0	[Dotted Pattern]	CGT					
310				Boring Completed 02/20/07 Total Depth of Boring = 308.0 ft.			Point located at State Plane Coordinates: North: 691381.33 East: 1494310.26			Monitoring Well Completed 03/01/07 Elevation at Top of Monitoring Well Casing = 87.88 ft. Total Depth of Monitoring Well = 291.5 ft.	
320											
330											
340											
350											
360											

25116. 8/17/07 \\IEDM\DATA\GINT\GINT\PROJECTS\025116_BOP-71 (DS).GPJ WELL LOG

- Notes:
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Log of Monitoring Well BOP-71 (ds)

Figure
A-3
(6 of 6)