Well Type: Groundwater and Soil Vapour Monitoring Wells

Project Location: AEC32

Drilling Contractor: Omega Environmental Drilling Ltd.

Drilling Equipment/Method: Sonic

Well Location: AEC 32D



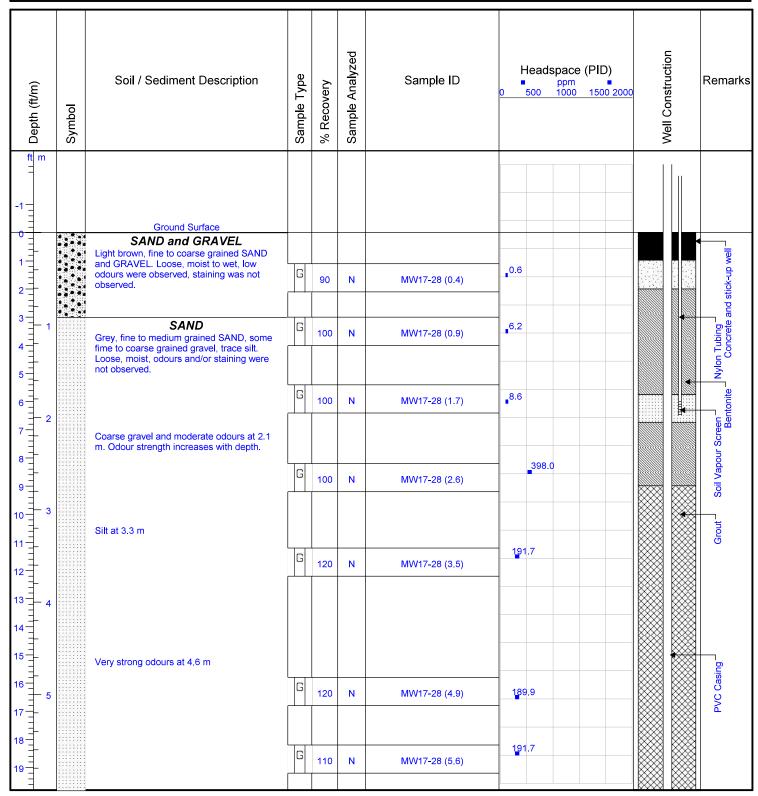
Project Name/No.:

Client: PSPC

Engineer/Geologist:

Drill Date: July 13, 2017

Page: 1 of 7



Date of Water Level: N/A Water Level (from TOC): N/A

Well-Borehole Diameter: 150 mm (6")
Well Casing Diameter: 50 mm (2")

Well Casing Diameter: 50 mm (2)
Well Casing Material: Schedule 40 PVC
Well Screen Slot Size: 0.25 mm

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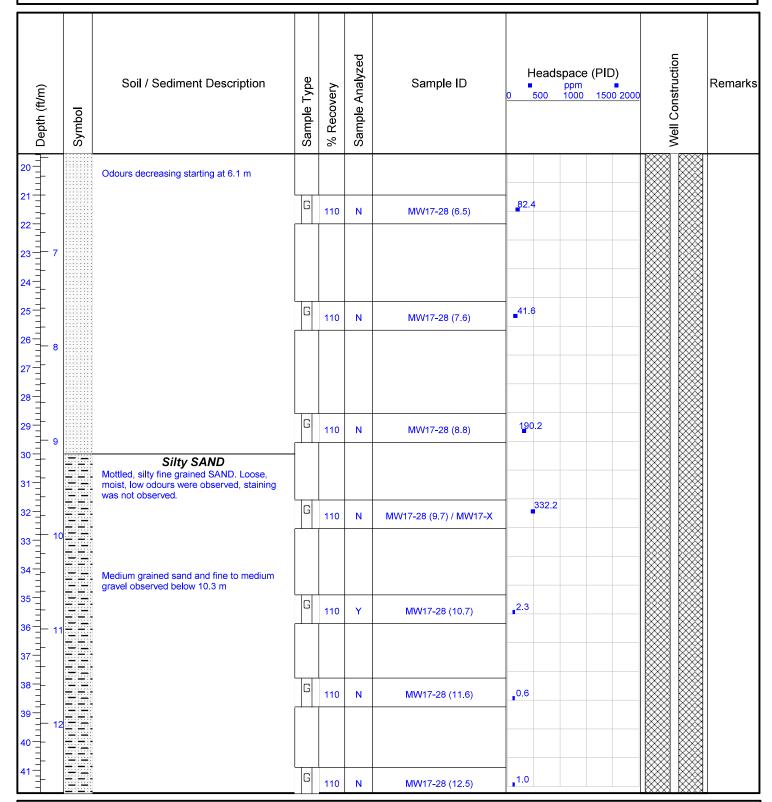
Project Name/No.:

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Engineer/Geologist:

Drill Date: July 13, 2017

Page: 2 of 7



Date of Water Level: N/A Water Level (from TOC): N/A

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Drill Date: July 13, 2017

Page: 3 of 7

Depth (ft/m)		Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID) ppm ppm 1 0 500 1000 1500 2000	Well Construction	Remarks
42			Silty SAND Mottled, silty fine grained SAND. Loose,							
43	13		moist, low odours were observed, staining was not observed.							
			Medium grained sand and fine to medium gravel observed below 10.3 m	G	120	N	MW17-28 (13.4)	34.0		
	1111111		Cobble at 13.1 m							
45 =	11111111		Sandy SILT							
46	14		Grey, fine grained sandy SILT. Soft, moist, odours and/or staining were not observed.	G				15.7		
47	11111				120	N	MW17-28 (14.3)	10.7		
			SILT Grey SILT, trace fine to coarse grained gravel, trace fine grained sand. Dense,	G				7.2		
48 =			gravel, trace fine grained sand. Dense, moist, staining and odours not observed.		120	N	MW17-28 (14.6)	_		
49 =	15									
50										
51										
				G	110	N	MW17-28 (15.8)	4.9		
52	16		SAND and GRAVEL							
53 —	•		Brown fine to coarse grained SAND and GRAVEL, trace cobbles, trace silt. Loose, wet, staining and/or odours not							
54			observed.	G				2.7		
55					110	N	MW17-28 (16.5)	2.7		
	17									
56	•			G	110	N	MW17-28 (17.2)	3.0		
57 =	•						. ,			
58	•		Silt lense at 17.7-18.0 m	G	95	N	MW17-28 (17.7)	■0.4		
59 =	18									
60	•									
1 =	•									
61	•			G	95	N	MW17-28 (18.9)	1.2		
02	19									
63 =	•									

Date of Water Level: N/A Water Level (from TOC): N/A

Well-Borehole Diameter: 150 mm (6") Well Casing Diameter: 50 mm (2") Well Casing Material: Schedule 40 PVC

Well Screen Slot Size: 0.25 mm

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Project Name/No.:

Client: PSPC

Engineer/Geologist:

Drill Date: July 13, 2017

Page: 4 of 7

(#/#/	r Deptii (iviri)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)	Well Construction	Remarks
64 =			SAND and GRAVEL Brown fine to coarse grained SAND and							
65 _	-		GRAVEL, trace cobbles, trace silt. Loose,wet, staining and/or odours not observed.	G	95	N	MW17-28 (19.8)	0.8		
66 -	_ 20		Silt lense at 17.7-18.0 m Mottled at 19.8 m							
67 =	-									
68	_		Sandy SILT Mottled medium to coarse grained sandy	G	110	N	MW17-28 (20.7)	2.4		
69 <u> </u>	- 21 -		SILT, some medium grained gravel. Moderately stiff, dry, odours and/or staining were not observed.							
70 =			SAND and GRAVEL Grey to brown fine to coarse grained SAND	G				0.7		
71-	_		and GRAVEL. Loose, moist to wet, staining and odours not obesrved.		110	N	MW17-28 (21.6)	-		
72 -	- 22 -		Sandy SILT							
73	_		Grey, medium to coarse grained sandy SILT. Some fine to medium grained rounded gravel. Stiff, miost to wet, staining and/or odours not observed.	G	110	N	MW17-28 (22.5)	2.0		
75 =	- 22									
76	_	•	SAND and GRAVEL Grey, medium to coarse grained sandy SILT. Some fine to medium grained							
77 =			rounded gravel. Stiff, dry, staining and/or odours not observed.	G	95	Y	MW17-28 (23.6)	0.7		
78 <u> </u>	- - 24	: :								
	-									
80 —		•		G	95	N	MW17-28 (24.4)	0.7		
81	_		Sandy SILT Grey sandy SILT, some fine to medium							
82	— 25 -		grained rounded gravel. Stiff, dry, odours and/or staining were not observed							
83	-			G	95	N	MW17-28 (25.6)	0.5		
84										
85	- 26									

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Well-Borehole Diameter: 150 mm (6") Well Casing Diameter: 50 mm (2") Well Casing Material: Schedule 40 PVC

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Drilling Contractor: Omega Environmental Drilling Ltd.

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Drill Date: July 13, 2017

Page: 5 of 7

Depth (ft/m)	-	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)	Well Construction	Remarks
86			Sandy SILT Grey sandy SILT, some fine to medium grained rounded gravel. Stiff, dry, odours and/or staining were not observed							
88	- 27		SILT Mottled SILT, trace fine grained sand. Soft, moist to wet, odours and/or staining were not observed.	G	100	N	MW17-28 (26.8)	0.1		
89 -			Sandy SILT Brown fine to medium grained sandy SILT. Soft, moist to wet, odours and/or staining	G	100	N	MW17-28 (27.0)	0.0		
91			were not observed. SILT Grev SILT, some fine to medium grained	G	125	N	MW17-28 (27.7)	0.1		
92	- 28		rounded gravel, trace coarse grained sand. Stiff, moist, odours and/or staining were not observed.							
94										
95	- 29		Medium to coarse grained gravel at 29.0 m	G	125	N	MW17-28 (29.0)	0.0		
97-			Grey silty SAND lense and moist to wet 29.3 to 29.5 m							
98	- 30			G	125	N	MW17-28 (29.9)	0.0		
99			Mottled 30.2 to 31.1 m							
01			Hard at 30.8 m	G	125	N	MW17-28 (30.7)	•0.0		
02	- 31		Moderately stiff at 31.1 m							
03 -				G	130	N	MW17-28 (31.4)	0.0		
05	- 32			G	130	N	MW17-28 (32.3)	0.0		
06					100	18	1010017-20 (02.0)			
07				G						

Date of Water Level: N/A Water Level (from TOC): N/A

Well-Borehole Diameter: 150 mm (6")
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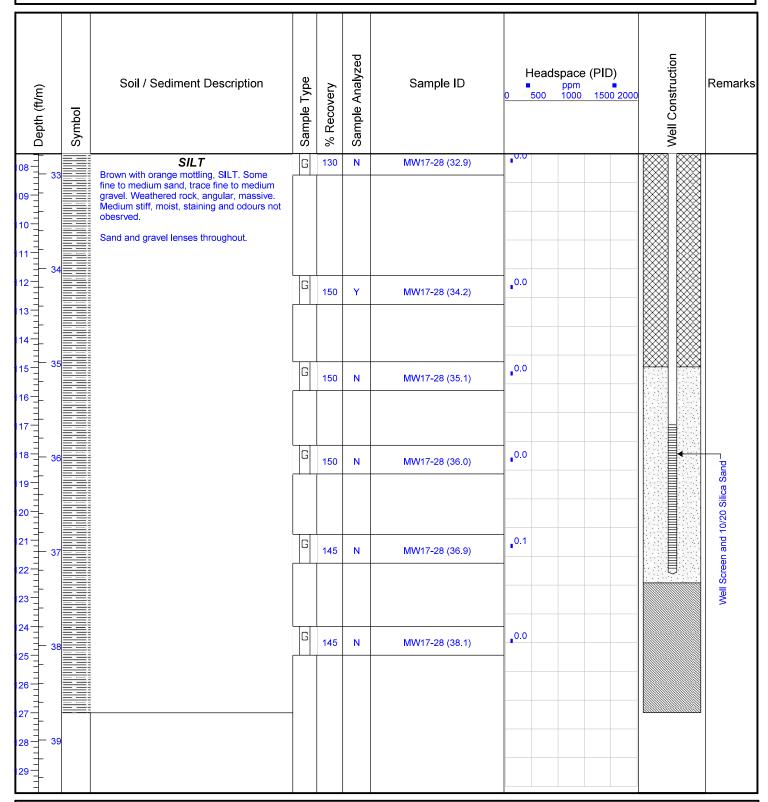
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Engineer/Geologist:

Drill Date: July 13, 2017

Page: 6 of 7



Date of Water Level: N/A Water Level (from TOC): N/A

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Client: PSPC

Engineer/Geologist:

Drill Date: July 13, 2017

Page: 7 of 7

l Depth (ff/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	0	Head 500	space ppm 1000	e (PID) 1500 20	Well Construction	Remarks
30 - 40 31 - 40 32 - 41 33 - 41 35 - 41 36 - 42 37 - 43 38 - 42 39 - 42 40 - 43 41 - 43 42 - 44 44 - 44 45 - 45 47 - 45 48 - 45 49 - 46 49 - 46 49 - 46 49 - 46 49 - 46 49 - 46 49 - 46 40 - 46 41 - 46 42 - 46 43 - 46 44 - 46 45 - 46 47 - 46 48 - 46 49 - 46 49 - 46 40 - 46 40 - 46 41 - 46 42 - 46 43 - 46 44 - 46 45 - 46 46 - 46 47 - 46 48 - 46 49 - 46 40		End of Hole										

Date of Water Level: N/A Water Level (from TOC): N/A

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