Well Type: Groundwater Monitoring Well

Project Location: Watson Lake Airport - AEC 32, YT

Drilling Contractor: Omega Environmental Drilling Ltd.

Drilling Equipment/Method: Sonic

Well Location: Downgradient from Tank D, MW16-P



Project Name/No.:

Client: PWGSC

Engineer/Geologist:

Drill Date: November 13, 2016 Page: 1 of 6

Depth (fl/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)	Well Construction	Remarks
-2		Ground Surface SAND Brown, fine to medium SAND with some					0.6		Concrete
2 - 3 - 1 4 - 1 4 - 1 4 - 1		gravel. Loose, dry, staining and odours not observed. SAND Brown, fine to medium SAND with some silt and trace gravel. Loose, moist, staining and odours not observed.	G	75	N	MW16-06 (0.2)			
6 1 2 7 1 8 1 1 9 9		SAND Brown SAND with trace to no silt and trace gravel. Compact, dry, staining and odours not observed. SAND Brown, fine to medium SAND with trace to no silt and trace fine gravel. Loose, dry,	G	75	N	MW16-06 (2.0)	0.6	*	Bentonite _
10 3		Silty SAND Brown to grey, silty fine to medium SAND with trace fine gravel. Dense, dry, staining and odours not observed.	G	100	N	MW16-06 (3.0)	0.5		Be
13 4		with trace tine gravel. Dense, dry, staining and odours not observed. Washed gravel lens. Moist to wet below 4.3m.	G	100	N	MW16-06 (4.0)	4.8		

Date of Water Level: November 19, 2016 Water Level (from TOC): 23.086

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

Well Screen Slot Size: 10 Slot

Well Type: Groundwater Monitoring Well

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Depth (ff/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)	Well Construction	Remarks
17 -			G	100	Y	MW16-06 (5.0)	4.9		
18 1		SAND Brown, fine to medium SAND with trace silt and fine gravel. Slightly dense to loose, dry, staining and odours not observed.	G	105	N	MW16-06 (6.0)		*	nite –
21		SAND Brown, fine to medium SAND with trace silt and trace fine gravel. Loose, dry, staining and odours not observed.		100	IN .	WWV10-00 (6.0)	0.4		nite Bentonite
22 - 7			G	105	N	MW16-06 (7.0)	0.4		Sand and Bentonite
24		SAND Brown, fine to medium SAND with some silt. Slightly dense, moist, staining and odours not observed.	G	105	N	MW16-06 (7.5)	0.2		
26 - 8		SAND Brown, medium to coarse SAND with some fine gravel. Loose, dry, staining and odours not observed. Low odours below 8.9m.	G	105	N	MW16-06 (8.0)	0.5		Bentonite -
28 -		Low Cudars below 0.9111.						4 5 2 4 5	
29 - 9		CHA, CAND	G	90	N	MW16-06 (9.0)	11.1	**************************************	
31		Silty SAND Brown silty SAND with trace gravel. Odorous. SAND	G	90	Y	MW16-06 (9.3) DUP H	-	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Sand and Bentonite
32 - 10		Brown, fine to medium SAND with some fine gravel. Loose, dry, staining and odours not observed.					3.4	7	Sand and
33 - 10			G	90	N	MW16-06 (10.0)	-	7 7 7 7	
35								7.4	

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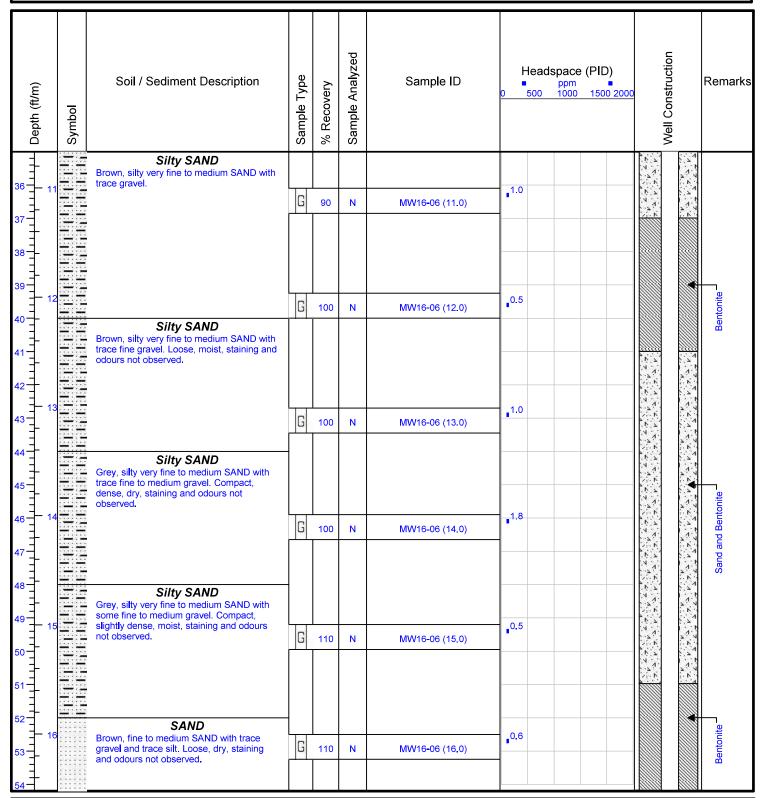
Well Location: Downgradient from Tank D, MW16-P



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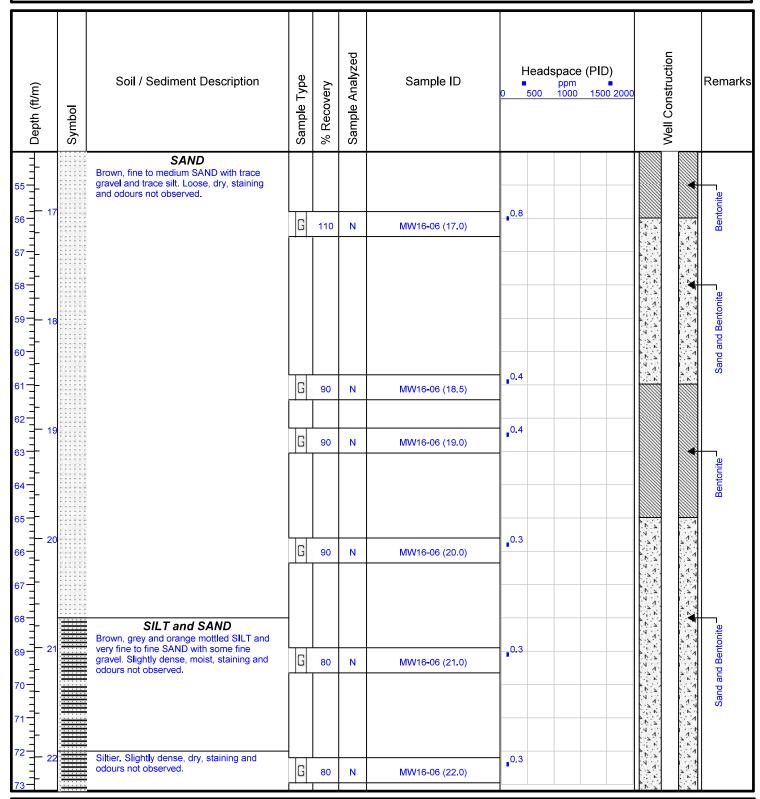
Project Name/No.:

Client: PWGSC

Engineer/Geologist:

Drill Date: November 13, 2016

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Date of Water Level: November 19, 2016 Water Level (from TOC): 23.086

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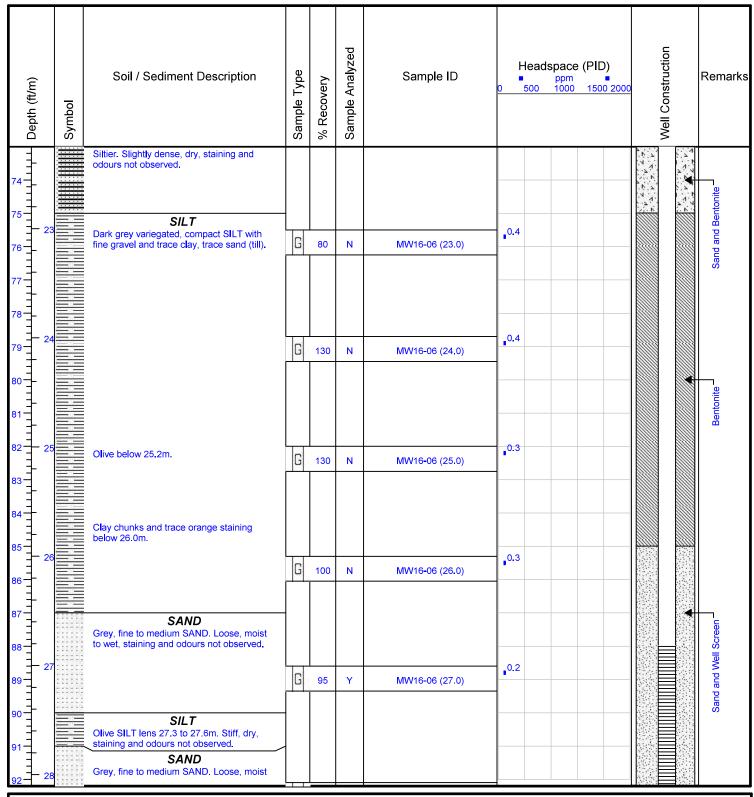


Project Name/No.:

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Engineer/Geologist:

Drill Date: November 13, 2016 Page: 5 of 6



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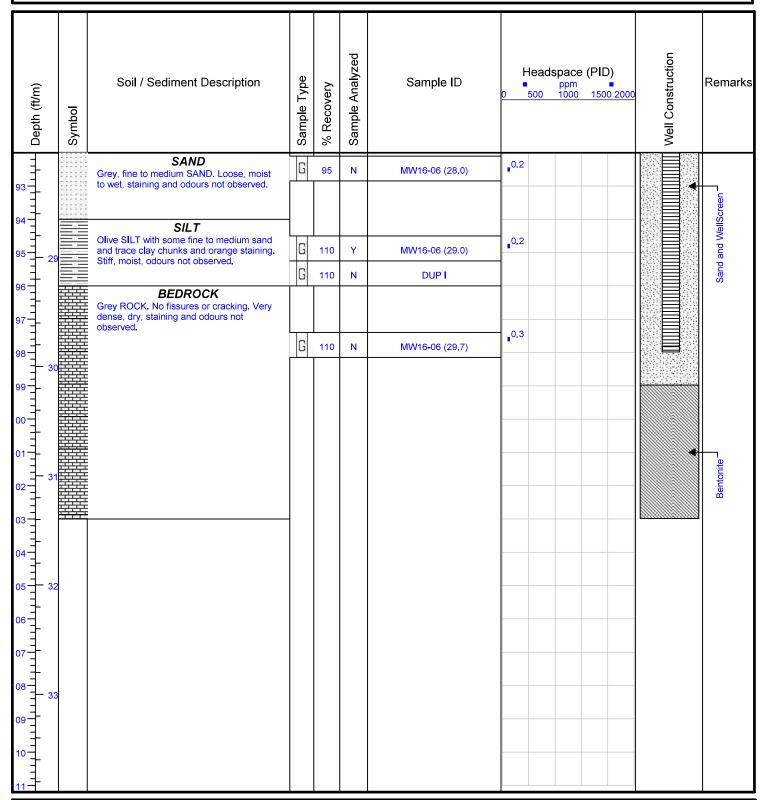
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