


# BOREHOLE LOGS


Client					Public Works & Government Services Canada					Proj No.		10456.76		BOREHOLE	
Project					Souris Marshalling Yard					Date Drilled		2018/01/15		1 Page 1 of 1	
Location					Souris, PEI					<div style="display: flex; justify-content: space-between;"> <span>0</span> <span>25</span> <span>Undrained Shear Strength - kPa</span> <span>75</span> <span>100</span> </div>					
Ground Level, m					Datum:					Logged By		TC			
4.67					Geodetic										

DEPTH m	SAMPLE				LOG	DESCRIPTION	
	No	TYPE	N (RQD)	REC (mm)			
0	1	F			<div style="background-color: black; width: 100%; height: 10px;"></div> 0.11 ASPHALT 4.56		
					 Pavement Subgrade Materials (Frozen at time of investigation, grainsize undetermined)		
	2	S	15	580	<div style="background-color: #f0f0f0; width: 100%; height: 10px;"></div> 0.61 Silty SAND 4.06		
					<div style="background-color: #f0f0f0; width: 100%; height: 10px;"></div> 0.90 weathered SANDSTONE FRAGMENTS 3.77		
1	3	S	29	550	<div style="background-color: #f0f0f0; width: 100%; height: 10px;"></div> 1.78 - EOH at 1.78 m in weathered SANDSTONE 2.90		

○ Unconfined Compression  
 ⊕ Field Vane Test  
 Water Content & Atterburg Limits  
 Dynamic Penetration Test, blows/0.3m  
 Standard Penetration Test, blows/0.3m

■ Pocket Penetrometer  
 ⊗ Remoulded  







0 10 20 30 40 50 60 70 80 90 100

0 10 20 30 40 50 60 70 80 90 100

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Client				Public Works & Government Services Canada				Proj No.		10456.76		BOREHOLE			
Project				Souris Marshalling Yard				Date Drilled		2018/01/15		2 Page 1 of 1			
Location				Souris, PEI				<div style="display: flex; justify-content: space-between;"> <span>0</span> <span>25</span> <span>Undrained Shear Strength - kPa</span> <span>75</span> <span>100</span> </div>							
Ground Level, m				3.02				Datum:		Geodetic		Logged By		TC	


  

DEPTH m	SAMPLE				LOG	DESCRIPTION	
	No	TYPE	N (RQD)	REC (mm)			
0	1	F			<div style="background-color: black; width: 100%; height: 10px;"></div>	0.11 ASPHALT 2.90	
						Pavement Subgrade Materials (Frozen at time of investigation, grainsize undetermined)	
	2	S	20	610		0.61 Silty SAND 2.41	
						0.90 SANDSTONE and Silty Sand 2.12	
1	3	S	13	610			
						1.83 - EOH at 1.83 m in SANDSTONE and Silty Sand 1.19	

☐ Unconfined Compression  
☐ Field Vane Test  
 Water Content & Atterburg Limits  
 Dynamic Penetration Test, blows/0.3m  
 Standard Penetration Test, blows/0.3m

☒ Pocket Penetrometer  
☒ Remoulded



W<sub>P</sub> W W<sub>L</sub>

0 10 20 30 40 50 60 70 80 90 100







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Logged	
By	TC





# BOREHOLE LOGS

Client      Public Works & Government Services Canada						Proj No.      10456.76		BOREHOLE 4	
Project      Souris Marshalling Yard						Date Drilled      2018/01/15		Page 1 of 1	
Location      Souris, PEI						0      25      75      100 Undrained Shear Strength - kPa			
Ground Level, m      2.85			Datum:      Geodetic		Logged By      TC		○ Unconfined Compression      ■ Pocket Penetrometer ⊕ Field Vane Test      ⊗ Remoulded Water Content & Atterburg Limits Dynamic Penetration Test, blows/0.3m Standard Penetration Test, blows/0.3m		

DEPTH m	SAMPLE				LOG	DESCRIPTION	
	No	TYPE	N (RQD)	REC (mm)			
0	1	F			 0.11 ASPHALT 2.74		
					 Pavement Subgrade Materials (Frozen at time of investigation, grainsize undetermined)		
	2	S	13	610	 0.61 Silty SAND and SANDSTONE 2.24		
1							
	3	S	19	610	 1.83 - EOH at 1.83 m in Silty SAND and SANDSTONE 1.02		

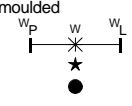
# BOREHOLE LOGS



Client      Public Works & Government Services Canada						Proj No.      10456.76		BOREHOLE 5	
Project      Souris Marshalling Yard						Date Drilled      2018/01/15		Page 1 of 1	
Location      Souris, PEI						0      25      75      100 Undrained Shear Strength - kPa			
Ground Level, m      3.13			Datum:      Geodetic		Logged By      TC		○ Unconfined Compression      ■ Pocket Penetrometer ⊕ Field Vane Test      ⊗ Remoulded Water Content & Atterburg Limits Dynamic Penetration Test, blows/0.3m Standard Penetration Test, blows/0.3m		
DEPTH m	SAMPLE				LOG	DESCRIPTION			
	No	TYPE	N (RQD)	REC (mm)					
0	1	F			 0.13 ASPHALT 3.01				
					 Pavement Subgrade Materials (Frozen at time of investigation, grainsize undetermined)				
	2	S	9	420	 0.61 Silty SAND and GRAVEL 2.52				
1									
	3	S	16	250	 1.47 - EOH at 1.47 m in Silty SAND and GRAVEL 1.66				

## BOREHOLE LOGS

Client		Public Works & Government Services Canada				Proj No.		10456.76		BOREHOLE	
Project		Souris Marshalling Yard				Date Drilled		2018/01/15		6 Page 1 of 1	
Location		Souris, PEI				<div>02575100</div> <div>Undrained Shear Strength - kPa</div> <div><div>○ Unconfined Compression</div><div>⊕ Field Vane Test</div><div>■ Pocket Penetrometer</div><div>⊗ Remoulded</div></div> <div><div>Water Content &amp; Atterburg Limits</div><div>Dynamic Penetration Test, blows/0.3m</div><div>Standard Penetration Test, blows/0.3m</div></div> <div><div><div>W<sub>p</sub></div><div>W<sub>L</sub></div><div>W</div><div>★</div><div>●</div></div></div>					
Ground Level, m		3.02		Datum: Geodetic		Logged By		TC			
DEPTH m		SAMPLE			LOG	DESCRIPTION					
		No	TYPE	N (RQD)	REC (mm)						
0		1	F			<div><div>0.14</div><div>2.88</div></div>	ASPHALT				
						<div><div>0.61</div><div>2.41</div></div>	Pavement Subgrade Materials (Frozen at time of investigation, grainsize undetermined)				
		2	S	11	450	<div><div>0.61</div><div>2.41</div></div>	Silty SAND trace Gravel				
1		3	S	7	250	<div><div>1.22</div><div>1.80</div></div>	Silty SAND and SANDSTONE trace Gravel				
						<div><div>1.47</div><div>1.55</div></div>	- EOH at 1.47 m in Silty SAND and SANDSTONE trace Gravel				

# BOREHOLE LOGS

Client      Public Works & Government Services Canada						Proj No.      10456.76		BOREHOLE 7	
Project      Souris Marshalling Yard						Date Drilled      2018/01/15		Page 1 of 1	
Location      Souris, PEI						<div style="display: flex; justify-content: space-between;"> <div>             0      25      75      100              Undrained Shear Strength - kPa           </div> <div>             0      10      20      30      40      50      60      70      80      90      100              Water Content &amp; Atterburg Limits              Dynamic Penetration Test, blows/0.3m              Standard Penetration Test, blows/0.3m           </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>             ○ Unconfined Compression              ⊕ Field Vane Test           </div> <div>             ■ Pocket Penetrometer              ⊗ Remoulded           </div> </div> <div style="text-align: center; margin-top: 5px;"> <math>w_p</math>      <math>w</math>      <math>w_L</math>   </div>			
Ground Level, m      3.48		Datum:      Geodetic		Logged By      TC					

DEPTH m	SAMPLE				LOG	DESCRIPTION	
	No	TYPE	N (RQD)	REC (mm)			
0	1	F				ASPHALT	
						Pavement Subgrade Materials (Frozen at time of investigation, grainsize undetermined)	
	2	F				CONCRETE SLAB	
						- EOH at 0.91 m upon auger refusal in CONCRETE SLAB	