



REFERENCE No.: M023549-A1 ENCLOSURE No.: 1

**INSPEC-SOL** BOREHOLE No.: BH-1 BOREHOLE REPORT  
ELEVATION: -3.67m Page 1 of 2

CLIENT: PWGSC  
PROJECT: GEOTECHNICAL INVESTIGATION  
LOCATION: MARIE JOSEPH, NOVA SCOTIA  
DESCRIBED BY: TINA M. MARTIN CHECKED BY: J. OLSON  
DATE (START): AUGUST 19, 2008 DATE (FINISH): AUGUST 19, 2008

LEGEND  
 SS SPLIT SPOON  
 ST SHELBY TUBE  
 RC ROCK CORE  
 WATER LEVEL

DEPTH Feet	ELEVATION Metres	STRATIGRAPHY DESCRIPTION OF SOILS AND BEDROCK	STATE TYPE AND NUMBER	SAMPLE RECOVERY	OTHER TESTS	TEST RESULTS	
						BLOWS 6 in/15 cm or ROD	WATER CONTENT (%) Atterberg limits (%) * T <sub>200</sub> Value (blows/12 in-30 cm)
0	-3.67m	GROUND SURFACE					
0	-3.67m	SEDIMENT: VERY LOOSE DARK GREY TO GREY BROWN, ORGANIC SANDY SILT TRACES TO SOME CLAY.	SS-1	42	0-0-0	0	
0	-3.67m		SS-2	100	0-0-0	0	
0	-3.67m		ST-3	0	0-0-0	0	
0	-3.67m		SS-4	100	0-0-0	0	
0	-3.67m		ST-5	54	0-0-0	0	
0	-3.67m		SS-6	100	0-0-0	0	
0	-3.67m		ST-7	63	0-0-0	0	
0	-3.67m		SS-8	100	0-0-0	0	
0	-3.67m		ST-9	50	0-0-0	0	
0	-3.67m	NATIVE MATERIAL: VERY DENSE DARK GREY SILT, SOME SAND AND GRAVEL.	SS-10	50	0-0-15-18	15	
0	-3.67m		SS-11	71	15-35-60@3cm	R	
0	-3.67m	VERY DENSE LIGHT GREY, BROWN SAND AND GRAVEL, SOME COBBLES AND BOULDERS, TRACES OF SILT AND CLAY.	RC-12	46	ROD=0		
0	-3.67m		SS-13	100	GSA W		
0	-3.67m		RC-14	44	ROD=0		
0	-3.67m		RC-15	53	ROD=0		
0	-3.67m		SS-16	43	16-44-50@5	R	

REFERENCE No.: M023549-A1 ENCLOSURE No.: 3

**INSPEC-SOL** BOREHOLE No.: BH-2 BOREHOLE REPORT  
ELEVATION: -2.99m Page 1 of 2

CLIENT: PWGSC  
PROJECT: GEOTECHNICAL INVESTIGATION  
LOCATION: MARIE JOSEPH, NOVA SCOTIA  
DESCRIBED BY: TINA M. MARTIN CHECKED BY: J. OLSON  
DATE (START): AUGUST 18, 2008 DATE (FINISH): AUGUST 18, 2008

LEGEND  
 SS SPLIT SPOON  
 ST SHELBY TUBE  
 RC ROCK CORE  
 WATER LEVEL

DEPTH Feet	ELEVATION Metres	STRATIGRAPHY DESCRIPTION OF SOILS AND BEDROCK	STATE TYPE AND NUMBER	SAMPLE RECOVERY	OTHER TESTS	TEST RESULTS	
						BLOWS 6 in/15 cm or ROD	WATER CONTENT (%) Atterberg limits (%) * T <sub>200</sub> Value (blows/12 in-30 cm)
0	-2.99m	GROUND SURFACE					
0	-2.99m	SEDIMENT: VERY LOOSE DARK GREY, BROWN ORGANIC SANDY SILT TRACES TO SOME CLAY.	SS-1	38	0-0-0	0	
0	-2.99m		ST-2	50	0-0-0	0	
0	-2.99m		SS-3	100	GSA W, A		
0	-2.99m		ST-4	67	0-0-0	0	
0	-2.99m		SS-5	83	0-0-0	0	
0	-2.99m		ST-6	0	0-0-0	0	
0	-2.99m		ST-7	100	0-0-0	0	
0	-2.99m		ST-8	25	0-0-0	0	
0	-2.99m	NATIVE MATERIAL: VERY DENSE LIGHT GREY SAND AND GRAVEL, SOME COBBLES AND BOULDERS, TRACES OF SILT AND CLAY.	SS-9	8	8-4-60@15cm	R	
0	-2.99m		RC-10	25	ROD=0		
0	-2.99m		RC-11	63	ROD=0		
0	-2.99m		RC-12	88	ROD=0		

**BOREHOLE NOTES:**

- BOREHOLE LOGS WERE EXTRACTED FROM A GEOTECHNICAL INVESTIGATION REPORT BY INSPEC-SOL ENGINEERING SOLUTIONS, REPORT NUMBER M023549-A1, DATED SEPTEMBER 26, 2008.
- FOR OTHER PERTINENT INFORMATION REGARDING THE BOREHOLES THE CONTRACTOR MUST REVIEW THE COMPLETE GEOTECHNICAL REPORT, AVAILABLE FROM THE OFFICE OF THE PROJECT MANAGER AT 1713 BEDFORD ROW, HALIFAX, NOVA SCOTIA.
- ANY INFORMATION PERTAINING TO SOILS AND ALL BOREHOLE DATA IS FURNISHED BY THE ENGINEER AS A MATTER OF INFORMATION ONLY, AND BOREHOLE DATA IS NOT TO BE INTERPRETED AS DESCRIPTIVE OF CONDITIONS AT LOCATIONS OTHER THAN THOSE DESCRIBED BY THE BOREHOLES THEMSELVES.
- BOREHOLE ELEVATIONS ARE IN METERS AND ARE REFERENCED TO A TEMPORARY BENCHMARK (TBM) PLACED ON THE CONCRETE WHEELGUARD AND IS REPORTED TO BE 3.48m CHART DATUM.

REFERENCE No.: M023549-A1 ENCLOSURE No.: 2

**INSPEC-SOL** BOREHOLE No.: BH-1 BOREHOLE REPORT  
ELEVATION: -3.67m Page 2 of 2

CLIENT: PWGSC  
PROJECT: GEOTECHNICAL INVESTIGATION  
LOCATION: MARIE JOSEPH, NOVA SCOTIA  
DESCRIBED BY: TINA M. MARTIN CHECKED BY: J. OLSON  
DATE (START): AUGUST 19, 2008 DATE (FINISH): AUGUST 19, 2008

LEGEND  
 SS SPLIT SPOON  
 ST SHELBY TUBE  
 RC ROCK CORE  
 WATER LEVEL

DEPTH Feet	ELEVATION Metres	STRATIGRAPHY DESCRIPTION OF SOILS AND BEDROCK	STATE TYPE AND NUMBER	SAMPLE RECOVERY	OTHER TESTS	TEST RESULTS	
						BLOWS 6 in/15 cm or ROD	WATER CONTENT (%) Atterberg limits (%) * T <sub>200</sub> Value (blows/12 in-30 cm)
30	-13.42	VERY DENSE LIGHT GREY, BROWN SAND AND GRAVEL, SOME COBBLES AND BOULDERS, TRACES OF SILT.	RC-16	43	19-44-50@5cm	R	
30	-13.42	BEDROCK: VERY POOR TO POOR QUALITY HIGHLY FRACTURED GREY SLATE.	RC-17	100	ROD=0%		
35	-11.0		RC-18	67	ROD=0%		
35	-11.0		RC-19	100	ROD=0%		
40	-12.0		RC-20	100	ROD=0%		
40	-12.0		RC-21	100	ROD=19%		
45	-16.62	END OF BOREHOLE					

REFERENCE No.: M023549-A1 ENCLOSURE No.: 4

**INSPEC-SOL** BOREHOLE No.: BH-2 BOREHOLE REPORT  
ELEVATION: -2.99m Page 2 of 2

CLIENT: PWGSC  
PROJECT: GEOTECHNICAL INVESTIGATION  
LOCATION: MARIE JOSEPH, NOVA SCOTIA  
DESCRIBED BY: TINA M. MARTIN CHECKED BY: J. OLSON  
DATE (START): AUGUST 18, 2008 DATE (FINISH): AUGUST 18, 2008

LEGEND  
 SS SPLIT SPOON  
 ST SHELBY TUBE  
 RC ROCK CORE  
 WATER LEVEL

DEPTH Feet	ELEVATION Metres	STRATIGRAPHY DESCRIPTION OF SOILS AND BEDROCK	STATE TYPE AND NUMBER	SAMPLE RECOVERY	OTHER TESTS	TEST RESULTS	
						BLOWS 6 in/15 cm or ROD	WATER CONTENT (%) Atterberg limits (%) * T <sub>200</sub> Value (blows/12 in-30 cm)
30	-2.99m	VERY DENSE LIGHT GREY SAND AND GRAVEL, SOME COBBLES AND BOULDERS, TRACES OF SILT.	SS-13	100	GSA W	12-12-28-38	40
30	-2.99m	BEDROCK: VERY POOR QUALITY HIGHLY FRACTURED GREY SLATE.	RC-14	88	ROD=0%		
35	-13.32		SS-15	100	25-50@5cm		
35	-13.32		RC-16	100	ROD=0%		
40	-12.0		RC-17	100	ROD=0%		
40	-12.0		RC-18	100	ROD=0%		
45	-14.0		RC-19	100	ROD=0%		
45	-14.0		RC-20	100	ROD=22%		
50	-17.32	END OF BOREHOLE					



ISSUED FOR TENDER 27/11/15

revisions: [ ] date: [ ]

project: WHARF CONSTRUCTION  
MARIE JOSEPH  
GUYSBOROUGH COUNTY  
NOVA SCOTIA

drawing: [ ] dessin: [ ]

EXISTING CONDITIONS  
GEOTECHNICAL

designed ECT conçu [ ]  
date: [ ]  
drawn JNT dessiné [ ]  
date: SEPTEMBER 3, 2015  
approved ECT approuvé [ ]  
date: [ ]  
Tina M. Martin Soumission  
PWGSC - Project Manager Administrateur de projets TPSC  
project number: R.076162.001  
drawing no.: [ ] no. du dessin: [ ]

SHT.2