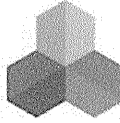



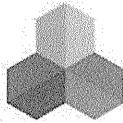



## BOREHOLE BH-4

 <h1>Englobe</h1>										BOREHOLE LOG			
PROJECT										Geotechnical Drilling Margaree Harbour Wharf			
LOGGED/DWN. GG				CKD. RH		DATE OF INVEST. 18/7/16		JOB NO. B-0015306		HOLE NO. BH 3			
CASING RESISTANCE blows/300mm ▲				DEPTH		MODIFIED SPT SOIL SYMBOL	SOIL DESCRIPTION		SOIL SAMPLE		DRILL TYPE		
WC %    wp-    w-    wl-    I							DATUM    Geodetic				Barge Mounted Drill Rig		
10    20    30    40    50				ft    m							OTHER TESTS		
				1			SURFACE ELEVATION-1.95 meters						
				2			ORGANIC SILT: Silt, very soft, saturated, olive.						
				3									
				4									
				5					SS1		N = 0		
				6									
				7									
				8									
				9									
				10									
				11									
				12			SAND AND GRAVEL: Sand and gravel, some cobbles, compact to very dense, saturated, grey.						
● ▲				13					SS2		N = 18    Sieve		
				14									
				15					SS3		N = 56		
				16									
				5			CLAY: Sandy clay, some gravel, some cobbles, hard, saturated, reddish brown.						

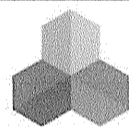
**PLATE 6**

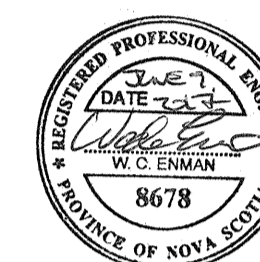
 <b>Englobe</b>										BOREHOLE LOG														
PROJECT Geotechnical Drilling Margaree Harbour Wharf										DATE OF INVEST. 18/7/16					JOB NO. B-0015306					HOLE NO. BH 3				
LOGGED/DWN. GG					CKD. RH					SOIL DESCRIPTION					SOIL SAMPLE					DRILL TYPE				
CASING RESISTANCE blows/300mm ▲										DATE OF INVEST. 18/7/16					JOB NO. B-0015306					HOLE NO. BH 3				
WC % wp- I- w- ● wl- I										SOIL DESCRIPTION					SOIL SAMPLE					DRILL TYPE				
DEPTH										DATUM Geodetic					COND.					PENE. RESIST.				
ft m										SURFACE ELEVATION -1.95 meters					SS4 N= 26					Barge Mounted Drilling Rig				
OTHER TESTS																								
18															SS4 N= 26									
▲ 19															SS5 N= 53									
6 20																								
21																								
▲ 22															SS6 N= 43									
7 23																								
●  —  ▲ 24															SS7 N= 48					Sieve				
25																								
26																								
69 27															SS8 N= 59									
71 29															SS9 N= 71									
9 30																								
▲ 31															SS10 N= 50									
32																								
▲ 33															SS11 R (50/2")									
10																								

 <b>Englobe</b>										BOREHOLE LOG			
PROJECT Geotechnical Drilling Margaree Harbour Wharf										HOLE NO. BH 3			
LOGGED/DWN. GG		CKD. RH		DATE OF INVEST. 18/7/16			JOB NO. B-0015306		HOLE NO. BH 3				
CASING RESISTANCE blows/300mm ▲				SOIL DESCRIPTION			SOIL SAMPLE		DRILL TYPE				
WC %    wp-1-    w-●    wl-1 10    20    30    40    50				DATUM    Geodetic					Barge Mounted Drilling Rig				
DEPTH ft    m		MODIFIED USCS		SURFACE ELEVATION-1.95 metres			COND. TYPE		PENE. RESTAT.		OTHER TESTS		
35				End of Borehole at 11.58 metres.			RC12				Cored through sand clay		
36													
37													
38													
39													
40													
41													
42													
43													
44													

Englobe						BOREHOLE LOG							
						PROJECT Geotechnical Drilling Margaree Harbour Wharf							
LOGGED/DWN. GG			CKD. RH			DATE OF INVEST 20/7/16			JOB NO. B-0015306			HOLE NO. BH 4	
CASING RESISTANCE blows/300mm ▲						SOIL DESCRIPTION			SOIL SAMPLE			DRILL TYPE	
WC %    wp-    w- ●    wl- I						DATUM Geodetic						Barge Mounted D Rig	
10    20    30    40    50 ft m						SURFACE ELEVATION -2.28 meters			COND. TYPE PERM. RESIST.			OTHER TESTS	
						DEPTH	MODIFIED USCS	SOIL STRATIGRAPHY					
						35							
						36							
						37							
						38		CLAY: Sandy clay, some gravel, hard, saturated, grey		SS1	R (50-4°)	Sieve	
						39		BEDROCK: Siltstone, weak to medium strong, poor to good.					
						40						TCR = 40% RQD = 22%	
						41							
						42							
						43							
						44							
						45						TCR = 100% RQD = 30% UCS = 15.9	
						46							
						47							
						48							
						49						TCR = 100% RQD = 80%	
						50							
						51							PLATE 11
						52		End of Borehole at 15.85 metres in Bedrock.					
						53							
						54							PLATE 12

[illegible]

 <b>Englobe</b>		BOREHOLE LOG			
PROJECT		Geotechnical Drilling Margaree Harbour Wharf			
LOGGED/DWN. GG	CKD. RH	DATE OF INVEST. 20/7/16	JOB NO. B-0015306	HOLE NO. BH 4	
CASING RESISTANCE blows/300mm ▲	DEPTH	SOIL DESCRIPTION	SOIL SAMPLE		DRILL TYPE
WC %    wp-    w-    wl-    I	ft   m	DATUM   Geodetic	COND.	TYPES	BARGE MOUNTED DRILL RIG
10   20   30   40   50		SURFACE ELEVATION - 2.28 meters			OTHER TESTS
	18				
	19				
	20				
	21				
	22				
	23				
	24				
	25				
	26				
	27				
	28				
	29				
	30				
	31				
	32				
	33				



0	ISSUED FOR TENDER	17/06/09
revisions		date

project	project
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## WHARF RECONSTRUCTION

MARGAREE HARBOUR  
INVERNESS COUNTY, NS

drawing dessin

BOREHOLE LOGS  
BH-3 AND BH-4

designed W. ENMAN conçu

date JUNE 2017

drawn D. BEAMAN dessin6

date JUNE 2017

approved  approuvé

date \_\_\_\_\_

Tender Soumission

PWGSC Project Manager      Administrateur de projets TPSGC

project number	no. du projet
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R 076164 001

R.070104.001

drawing no. **010 6 17** no. du dessin

S12 of 13