
Public Works and Government Services Canada

New Marginal Wharf

Newellton

Shelburne County, N.S.

Project No. R.064747.001

Appendix "A"

Page 1

Appendix "A" - Borehole Logs

Project: Marine Geotechnical Investigations

Log of Geotech Borehole: 9A

Location: Newellton, NS

Client: Public Works Government Services Canada

Project No: 692

Drilling Supervisor: Sean MacDonnell

Date: March 11, 2006

SUBSURFACE PROFILE				SAMPLE					Standard Penetration Test "N" Value per 300 mm			
Depth below LNT	Symbol	Geologic Description	Elevation (m)	Sample Type	Sample No.	"N" Value	Recovery (%)	RQD (%)				
0		0 m LNT	0						20	40	60	80
1												
2												
3												
4												
5		Harbour Bottom	-1.74									
6		Split spoon sand under its own weight	-2.02									
7		SPT: 3/8/10/15 Organics and silty sand	-2.63	SS	1	18	42					
8		SPT: 24/32/69/50 Silty sand and gravel	-3.04	SS	2	101	100					
9		Cobbles	-3.56									
10		SPT: 25/14/10/10 Silty sand and gravel	-4.17	SS	3	24	54					
11		SPT: 5/17/18/10 Silty sand and gravel	-4.83	SS	4	35	100					
12		Cobbles	-5.34									
13		SPT: 12/6/15/50 Silty sand and gravel	-5.9	SS	5	21	58					
14		Cobbles	-6.36									
15				RC	1		98	91				
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												



Fracflow Consultants Inc.
2 Fielding Ave, Suite D
Dartmouth, NS B3B 1E1
Phone: (902) 468-1317
Fax: (902) 468-4704

Drilling Method: NW Casing/ NBQ Coring

Driller: Logan Geotech

Datum: 0 m LNT

Sheet: 1 of 2

Project: Marine Geotechnical Investigations

Log of Geotech Borehole: 9A

Location: Newellton, NS

Client: Public Works Government Services Canada

Project No: 692

Drilling Supervisor: Sean MacDonnell

Date: March 11, 2006

SUBSURFACE PROFILE				SAMPLE					Standard Penetration Test "N" Value per 300 mm			
Depth below LNT	Symbol	Geologic Description	Elevation (m)	Sample Type	Sample No.	"N" Value	Recovery (%)	RQD (%)				
27		Granitic (?) Bedrock		RC	2		47	93				
28												
29		Granitic (?) Bedrock										
30	9											
31		Granitic (?) Bedrock		RC	3		100	90				
32												
33	10	End of Borehole	-10.1									
34												
35		End of Borehole										
36	11											
37		End of Borehole										
38												
39	12	End of Borehole										
40												
41		End of Borehole										
42	13											
43		End of Borehole										
44												
45	14	End of Borehole										
46												
47	15	End of Borehole										
48												
49		End of Borehole										
50												
51		End of Borehole										
52												



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Driller: Logan Geotech

Datum: 0 m LNT


Sheet: 2 of 2

Log of Geotech Borehole: BH10

Project No: 692

Date: March 10, 2006

Date: March 10, 2006

	Fracflow Consultants Inc.	Drilling Method: NW Casing/NQ Coring	Datum: 0 m LNT
	2 Fielding Ave, Suite 10		
	Dartmouth, NS B3B 1E1		
	Phone: (902) 468-1317	Driller: Logan Geotech	Sheet: 1 of 1
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