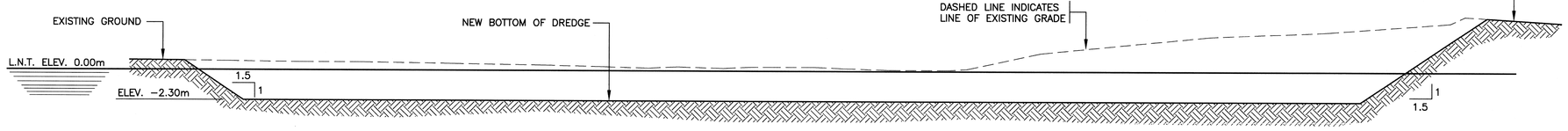
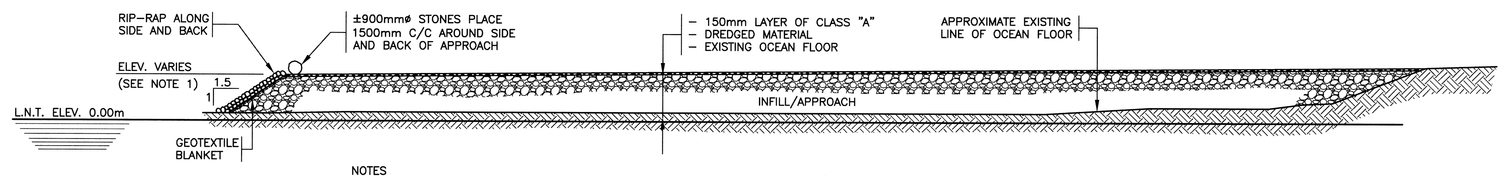


SECTION – DREDGED AREA

3/5

SCALE : 1:200

0mm 5m 10m 15m 20m 25m



NOTES

1. ELEVATIONS VARY FROM +3.50m AT ACCESS CRIB TO +2.72m AT MID POINT OF LINE OF NEW INFILL THEN UP TO +4.22m AT EXISTING BANK. SEE SITE PLAN 1/C3 FOR THESES OTHER SPOT ELEVATIONS.

SECTION – NEW INFILL/APPROACH

4/5

SCALE : 1:200

0mm 5m 10m 15m 20m 25m

Table 1: Probe Findings with Adjusted Bottom Type Description

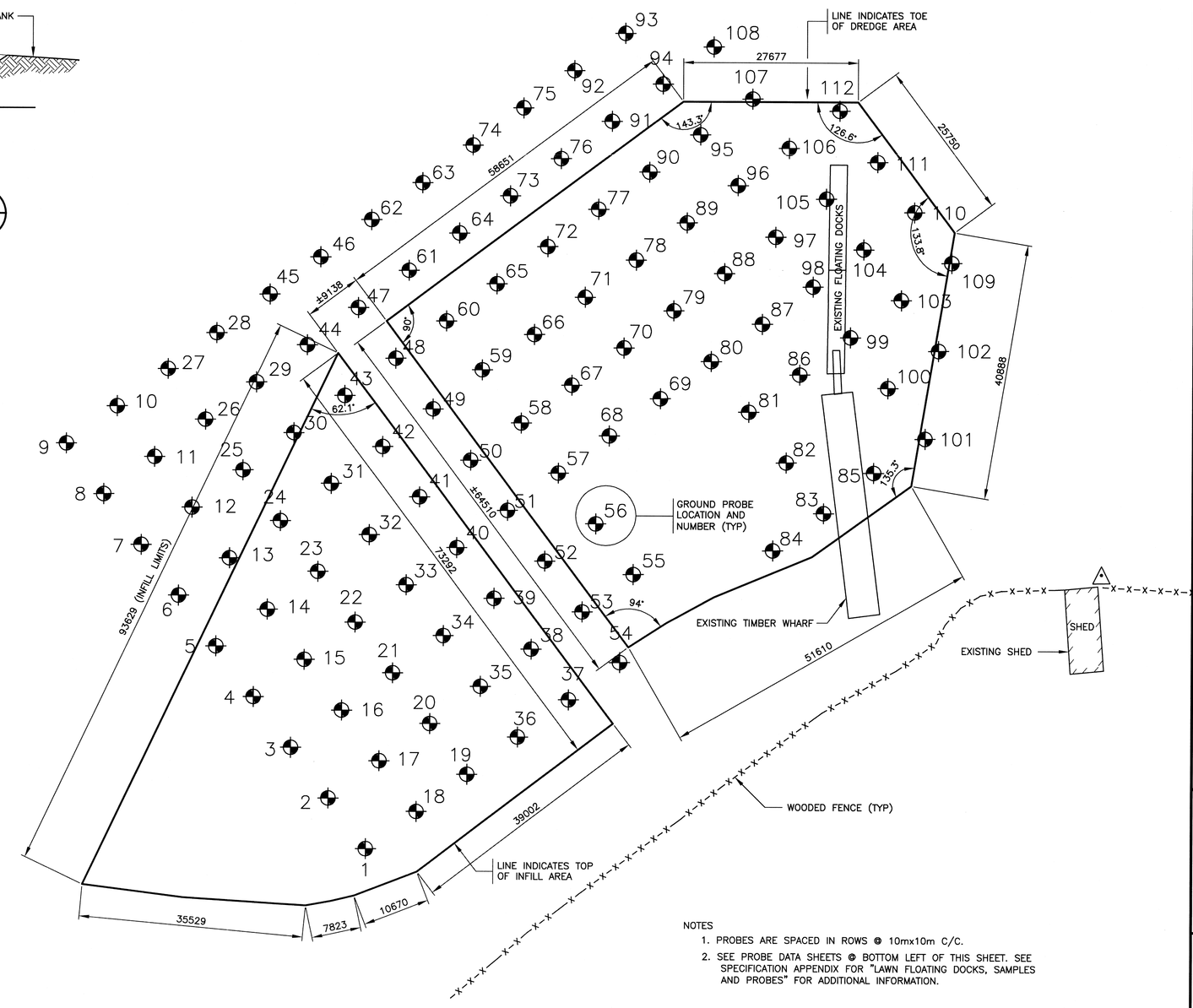
Probe #	Depth of Water(m)	Depth of Probe(m)	Bottom Type
1		1.5	Silt/Mud Then Hard Material
2		.5	Rocky/Silt/Muddy Then Hard Material
3		1.2	Mud Then Hard Material
4		1	Silt/Mud Then Hard Material
5		1.3	Silt/Mud Then Hard Material
6		1.2	Muddy Then Hard Material
7		0.4	Muddy/Rocky Then Hard Material
8		1	Muddy/Rocky Then Hard Material
9		0.5	Mud/Rocky Then Hard Material
10		0.5	Mud Then Hard Material
11		1.4	Mud Then Hard Material
12		1.4	Mud Then Hard Material
13		1	Rocky/Mud Then Hard Material
14		1.1	Muddy/Rocky Then Hard Material
15		0.9	Mud/ Rocks Then Hard Material
16		1	Mud/ Rocks Then Hard Material
17		0.7	Rocky/Muddy Then Hard Material
18		1.1	Rocky/Sandy/Mud Then Hard Material
19		0.8	Rocks/Sand/Mud Then Hard Material
20		1.1	Mud Then Hard Material
21		1.1	Mud Then Hard Material
22		1	Silt/Mud/Rocks Then Hard Material
23		0.9	Silt/Mud/Rocks Then Hard Material
24		1	Silt/Mud/Rocks Then Hard Material
25		1	Silt/Mud/Rocks Then Hard Material
26		1	Silt/Mud/Rocks Then Hard Material
27		1.3	Silt/Mud/Rocks Then Hard Material
28		1	Silt/Mud/Rocks Then Hard Material
29		0.9	Silt/Mud/Rocks Then Hard Material
30		1.2	Silt/Mud/Rocks Then Hard Material
31		0.6	Silt/Mud/Rocks Then Hard Material
32		0.8	Silt/Mud/Rocks Then Hard Material
33		1.1	Silt/Mud/Rocks Then Hard Material
34		1.4	Silt/Mud/Rocks Then Hard Material

Probe #	Depth of Water(m)	Depth of Probe(m)	Bottom Type
35		1.5	Silt/Mud/Rocks Then Hard Material
36		0.7	Silt/Mud/Rocks Then Hard Material
37		0.4	Silt/Mud/Rocks Then Hard Material
38		1	Silt/Mud/Rocks Then Hard Material
39		0.5	Silt/Mud/Rocks Then Hard Material
40		0.6	Silt/Mud/Rocks Then Hard Material
41		0.7	Silt/Mud/Rocks Then Hard Material
42		0.8	Silt/Mud/Rocks Then Hard Material
43		0.6	Silt/Mud/Rocks Then Hard Material
44		0.8	Silt/Mud/Rocks Then Hard Material
45		1.1	Silt/Mud/Rocks Then Hard Material
46		0.6	Silt/Mud/Rocks Then Hard Material
47		0.8	Silt/Mud/Rocks Then Hard Material
48		0.5	Silt/Mud/Rocks Then Hard Material
49		0.5	Silt/Mud/Rocks Then Hard Material
50		0.4	Silt/Mud/Rocks Then Hard Material
51		0.5	Silt/Mud/Rocks Then Hard Material
52		0.3	Silt/Mud/Rocks Then Hard Material
53		0.9	Silt/Mud/Rocks Then Hard Material
54		1.3	Silt/Mud/Rocks Then Hard Material
55		1.1	Silt/Mud/Rocks Then Hard Material
56		0.4	Silt/Mud/Rocks Then Hard Material
57		0.2	Mud Then Hard Material
58		0.4	Mud/Rocks Then Hard Material
59		0.4	Mud Then Hard Material
60		0.3	Mud Then Hard Material
61		0.3	Mud/Rocks Then Hard Material
62		0.3	Mud/Rocks Then Hard Material
63		0.2	Mud Then Hard Material
64		0.1	Mud Then Hard Material
65		0.1	Mud Then Hard Material
66		0.3	Mud Then Hard Material
67		0.3	Mud/Rocks Then Hard Material
68		0.2	Mud/Rocks Then Hard Material
69		0.2	Mud Then Hard Material
70		0.1	Mud/Rocks Then Hard Material
71		0.1	Mud/Rocks Then Hard Material

Probe #	Depth of Water(m)	Depth of Probe(m)	Bottom Type
72		0.1	Mud Then Hard Material
73		0.1	Mud Then Hard Material
74		0.1	Mud Then Hard Material
75		0.2	Mud Then Hard Material
76		0.1	Mud Then Hard Material
77		0.2	Mud/Rocks Then Hard Material
78		0.9	Mud Then Hard Material
79		0.7	Mud/Rocks Then Hard Material
80		1.5+	Mud/Rocks Then Hard Material
81		0.7	Mud/Rocks Then Hard Material
82		0.3	Mud Then Hard Material
83		0.4	Mud Then Hard Material
84		1	Mud Then Hard Material
85		1.5+	Mud Then Hard Material
86		1.5	Mud Then Hard Material
87		1.4	Mud Then Hard Material
88		1.5+	Mud Then Hard Material
89		1.5+	Mud/Rocks Then Hard Material
90		0.95	Mud/Rocks Then Hard Material
91		0.1	Mud Then Hard Material
92		0.4	Mud Then Hard Material
93		0.2	Mud Then Hard Material
94		0.1	Mud Then Hard Material
95		1.1	Mud Then Hard Material
96		1.5+	Mud Then Hard Material
97		1.5+	Mud Then Hard Material
98		1.4	Mud Then Hard Material
99		0.7	Mud/Rock Then Hard Material
100		0.7	Mud/Rocks Then Hard Material
101		1.5+	Mud/Rocks Then Hard Material
102		1.5+	Mud Then Hard Material
103		1.1	Mud/Rocks Then Hard Material
104		1	Mud Then Hard Material
105		1.3	Mud Then Hard Material
106		1.5+	Mud Then Hard Material
107		0.9	Mud Then Hard Material
108		0.1	Mud Then Hard Material

Probe #	Depth of Water(m)	Depth of Probe(m)	Bottom Type
109		0.85	Mud Then Hard Material
110		0.8	Mud Then Hard Material
111		0.9	Mud Then Hard Material
112		0.9	Mud/Rocks Then Hard Material
Outside Area			
113		0	Rock
114		0	Rock
115		0.4	Mud/Rocks Then Hard Material
116		0.2	Mud/Rock Then Hard Material
117		0.2	Mud/Rocks Then Hard Material
118		0.1	Mud/Rocks Then Hard Material
119		0.1	Mud/Rocks Then Hard Material
120		0	Rock
121		0	Rock
122		0.2	Mud/Rock Then Hard Material
123		0.4	Mud Then Hard Material
124		0.3	Mud Then Hard Material
125		0.1	Mud Then Hard Material
126		0	Rock
127		0	Rock
128		0.4	Mud/Rock Then Hard Material
129		0	Rock
130		0	Rock
131		1	Mud Then Hard Material
132		0.4	Mud/Rocks Then Hard Material
133		1.5+	Mud Then Hard Material

As noted in the "Scope of Work" section of the report, probes were completed using a 10mm diameter steel rod (2m long) which was driven to refusal into the sea floor by the diver striking it with a 3kg hammer.



NOTES

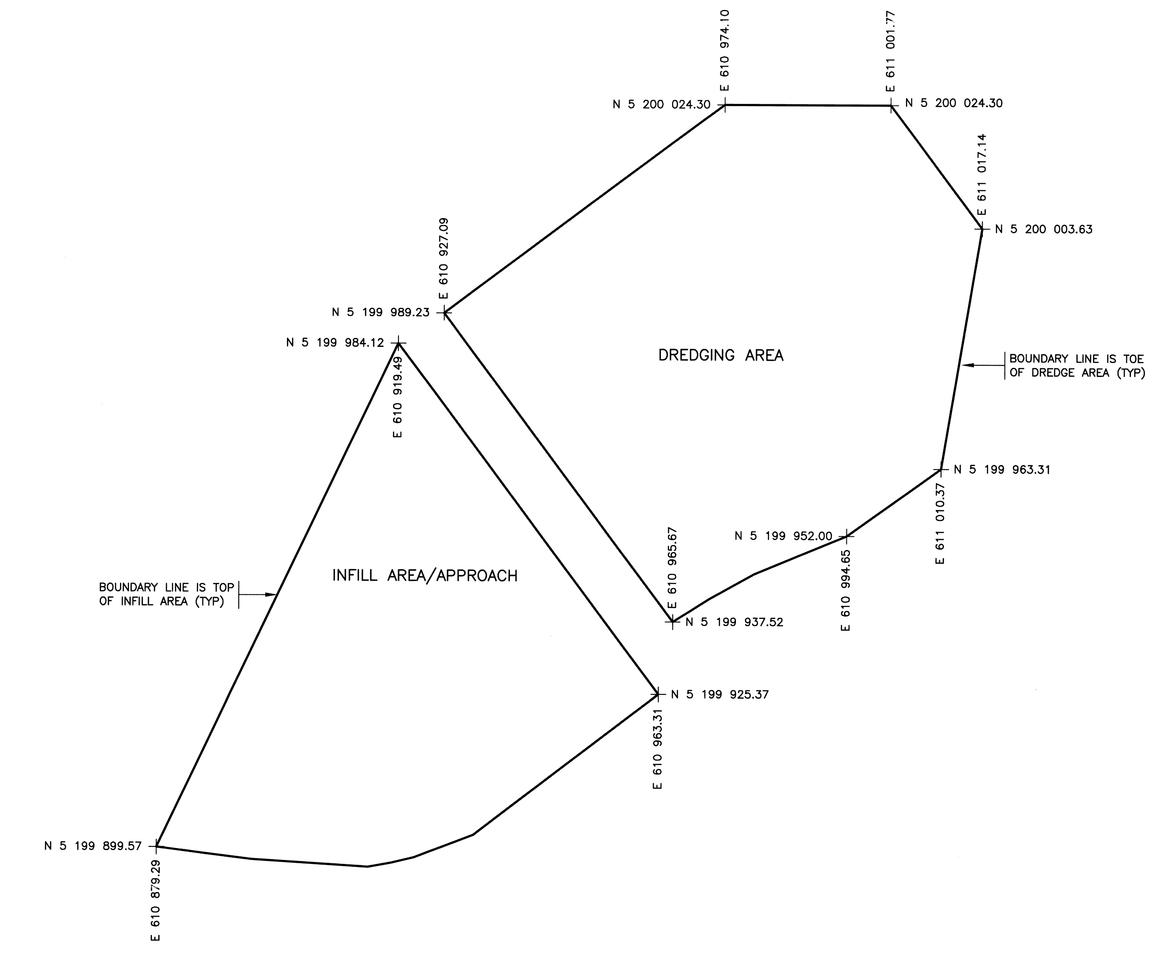
1. PROBES ARE SPACED IN ROWS @ 10mx10m C/C.
2. SEE PROBE DATA SHEETS @ BOTTOM LEFT OF THIS SHEET. SEE SPECIFICATION APPENDIX FOR "LAWN FLOATING DOCKS, SAMPLES AND PROBES" FOR ADDITIONAL INFORMATION.

PLAN – GROUND PROBE LOCATIONS @ DREDGE AND BACKFILL AREAS

1/5

SCALE: 1:400

0m 10m 20m 30m 40m 50m



PLAN – DREDGE AND INFILL AREAS (NORTHINGS AND EASTINGS)

2/5

SCALE: 1:500

0m 10m 20m 30m 40m 50m

Fisheries and Oceans Canada / Pêches et Océans Canada

SMALL CRAFT HARBOURS

Permit

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PEGL Permit Holder
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To Practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEGNL D0161
which is valid for the year 2015

Stamp

REGISTERED PROFESSIONAL ENGINEER
PEGL
STEPHEN PEARCE
04-12-15
DATE
NEWFOUNDLAND & LABRADOR

revisions	date
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A ISSUED FOR 99% REVIEW	NOV.25 2015

project / projet

SMALL BOAT BASIN DEVELOPMENT

LAWN, NL

drawing / dessin

PROBE LOCATIONS PLANS, SECTIONS AND PROBE DATA

designed S. PEARCE / conçu
date JULY 2015
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date JULY 2015
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
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C5 OF 5

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