

Mr. Dan Glenn  
Glenn Group  
248 Brunswick Street  
Fredericton, NB  
E3B 1G9

November 30, 2015  
File# 15-11590

*Correspondence via email to [dkg@glenngroup.ca](mailto:dkg@glenngroup.ca)*

**RE: Geotechnical Investigation – East Hants Multipurpose Sports Pad Development  
55 Findley Road, Kennetcook, NS**

**Dear Mr. Glenn:**

At your request, Fundy Engineering & Consulting Ltd. (Fundy Engineering) undertook a geotechnical investigation in the vicinity of the proposed multipurpose sports pad located at 55 Findley Road in Kennetcook, Nova Scotia. The subject property is identified as Property Identification (PID) number 45277092 as per the Nova Scotia Online Property Search Database. The purpose of the assessment was to determine and assess the underlying soil materials and groundwater conditions within the area of the proposed pad to develop geotechnical recommendations.

The proposed sports pad development is located north of the two baseball fields and east of NS-354. This area was previously forested land although the subject area was cleared of trees at the time of the investigation. A wetland is located approximately 30 m east of the proposed pad. The proposed area was very wet and a swale exists south of the assessment area.

#### ***Field Work***

A total of ten test pits were completed on October 28 and November 3, 2015, under the supervision of Mr. Rob Haineault, *P.Eng.*, of Fundy Engineering. The test pit excavations were extended to depths ranging between 1.8 to 3.5 meters below the ground surface. Locations of the test pits and excavation elevations for the initial four test pits were identified by a surveyor. The remaining six test pits (TP-5 to TP-10) were excavated following the survey. Groundwater was encountered in five of the test pits with a depth ranging from 0.3 m to 1.8 m below the ground surface. The area was generally more wet (and subsequently the soils were looser) at the south of the investigation area (TP-2 and TP-4) as this was down-gradient from the other excavations.

The field classification of the soils in the proposed sports pad location is:

- The surface layer of Topsoil with Organics and Roots to a depth of approximately 0.1 to 0.2 m;
- The underlying materials comprised of a Loose Grey Sandy Clay Till with Organics and Roots to depths approximately of 0.25 to 0.5 m;
- The materials underlying the Grey Till was a Reddish Brown Sand and Gravel Clay Till with varying amounts of Sand, Gravel, Silt, Clay and Cobbles;
- Boulders were encountered in TP-3 (0.9 m), TP-1 (1.5 m) and TP-10 (1.5 m); and,
- All excavations were terminated in the in-situ Reddish Brown Clay Till.

#### ***Serving Our Clients' Needs First***

**SAINT JOHN OFFICE**  
27 Wellington Row  
PO Box 6626  
Saint John, NB E2L 4S1  
506.635.1566

**CORNWALL OFFICE**  
768 Bannockburn Road, Unit #1  
Cornwall, PE C0A 1H0  
902.675.4885

**HALIFAX OFFICE**  
PO Box 25083  
Halifax, NS  
B3M 4H4  
902.492.1550

Additionally, two soil samples were collected from the surface materials (Topsoil) and were submitted to AGAT Laboratories in Dartmouth, NS, for analysis of various parameters to assist in the topsoil amendment specifications. The results of this analysis are presented in the table below, as well as enclosed in this letter.

Parameter	Sample TP-1	Sample TP-3
Gravel (%)	8	8
Sand (%)	62	81
Silt (%)	22	9
Clay (%)	8	2
pH	4.16	4.11
Total Organic Carbon (%)	36.4	6.23
Available Iron (µg/g)	905	748
Available Potassium (µg/g)	708	220
Nitrogen, Total Kjeldahl (mg/kg)	18100	3320
Phosphorous (mg/kg)	854	285

***Closing***

We trust the information herein is sufficient to meet your present needs. Should you have any questions or require further clarification, please feel free to contact the undersigned at your earliest convenience by email at [rob.haineault@fundyeng.com](mailto:rob.haineault@fundyeng.com) or via telephone at 902.492.1550.

**Sincerely;**

**Fundy Engineering & Consulting Ltd.**

A handwritten signature in black ink, appearing to read 'Rob Haineault', followed by a horizontal line.

**Rob Haineault, P. Eng.**

**Enclosure: Test Pit Logs**

**Laboratory Certificates**

CLIENT NAME: FUNDY ENGINEERING  
PO Box 25083  
HALIFAX, NS B3M4H4  
(902) 492-1550

ATTENTION TO: Rob Haineault

PROJECT: 11590

AGAT WORK ORDER: 15X039403

SOIL ANALYSIS REVIEWED BY: Jason Coughtrey, Inorganics Supervisor

DATE REPORTED: Nov 25, 2015

PAGES (INCLUDING COVER): 10

VERSION\*: 1

Should you require any information regarding this analysis please contact your client services representative at (902) 468-8718

\*NOTES

All samples will be disposed of within 30 days following analysis. Please contact the lab if you require additional sample storage time.



# AGAT Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 15X039403

PROJECT: 11590

11 Morris Drive, Unit 122  
Dartmouth, Nova Scotia  
CANADA B3B 1M2  
TEL (902)468-8718  
FAX (902)468-8924  
<http://www.agatlabs.com>

CLIENT NAME: FUNDY ENGINEERING

SAMPLING SITE:

ATTENTION TO: Rob Haineault

SAMPLED BY:

### Grain Size Analysis (Sieve & Pipette)

DATE RECEIVED: 2015-11-05

DATE REPORTED: 2015-11-25

Parameter	Unit	SAMPLE DESCRIPTION:		11590 TP-1	11590 TP-3
		SAMPLE TYPE:		Soil	Soil
		DATE SAMPLED:		11/3/2015	11/3/2015
		G / S	RDL	7170377	7170379
Particle Size Distribution (<12.5mm, -4 PHI)	%		0.1	100	100
Particle Size Distribution (<9.5mm, -3 PHI)	%		0.1	100	100
Particle Size Distribution (<4.75mm, -2 PHI)	%		0.1	100	100
Particle Size Distribution (<2mm, -1 PHI)	%		0.1	91.6	92.1
Particle Size Distribution (<1mm, 0 PHI)	%		0.1	83.1	83.6
Particle Size Distribution (<1/2mm, 1 PHI)	%		0.1	69.0	68.2
Particle Size Distribution (<1/4mm, 2 PHI)	%		0.1	57.2	49.5
Particle Size Distribution (<1/8mm, 3 PHI)	%		0.1	43.3	28.6
Particle Size Distribution (<1/16mm, 4 PHI)	%		0.1	30.4	10.9
Particle Size Distribution (<1/32mm, 5 PHI)	%		0.1	29.1	5.8
Particle Size Distribution (<1/64mm, 6 PHI)	%		0.1	23.6	3.4
Particle Size Distribution (<1/128mm, 7 PHI)	%		0.1	9.5	2.4
Particle Size Distribution (<1/256mm, 8 PHI)	%		0.1	8.2	1.9
Particle Size Distribution (<1/512mm, 9 PHI)	%		0.1	4.7	1.4
Particle Size Distribution (Gravel)	%		1	8	8
Particle Size Distribution (Sand)	%		1	61	81
Particle Size Distribution (Silt)	%		1	22	9
Particle Size Distribution (Clay)	%		1	8	2
Particles >75um	%		1	66	84
Classification	Coarse/Fine			Coarse	Coarse

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

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PROJECT: 11590

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FAX (902)468-8924  
<http://www.agatlabs.com>

CLIENT NAME: FUNDY ENGINEERING

SAMPLING SITE:

ATTENTION TO: Rob Haineault

SAMPLED BY:

### Grain Size Analysis (Sieve & Pipette)

DATE RECEIVED: 2015-11-05

DATE REPORTED: 2015-11-25

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 15X039403

PROJECT: 11590

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FAX (902)468-8924  
<http://www.agatlabs.com>

CLIENT NAME: FUNDY ENGINEERING

SAMPLING SITE:

ATTENTION TO: Rob Haineault

SAMPLED BY:

Soil Analysis - Available K, Fe					
DATE RECEIVED: 2015-11-05			DATE REPORTED: 2015-11-25		
SAMPLE DESCRIPTION:		11590 TP-1		11590 TP-3	
SAMPLE TYPE:		Soil		Soil	
DATE SAMPLED:		11/3/2015		11/3/2015	
Parameter	Unit	G / S	RDL	7170377	7170379
Available Iron	µg/g		0.01	905	748
Available Potassium (NPKS)	µg/g		8	708	220

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard  
7170377-7170379 Note: Organic sample.

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 15X039403

PROJECT: 11590

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Dartmouth, Nova Scotia  
CANADA B3B 1M2  
TEL (902)468-8718  
FAX (902)468-8924  
<http://www.agatlabs.com>

CLIENT NAME: FUNDY ENGINEERING

SAMPLING SITE:

ATTENTION TO: Rob Haineault

SAMPLED BY:

### Soil Analysis - TKN / T-P

DATE RECEIVED: 2015-11-05

DATE REPORTED: 2015-11-25

		SAMPLE DESCRIPTION:		11590 TP-1		11590 TP-3
		SAMPLE TYPE:		Soil		Soil
		DATE SAMPLED:		11/3/2015		11/3/2015
Parameter	Unit	G / S	RDL	7170377	RDL	7170379
Nitrogen, Total Kjeldahl	mg/kg		200	18100	100	3320
Phosphorus	mg/kg		1.5	854	1.5	285

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

Certified By:





**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 15X039403

PROJECT: 11590

11 Morris Drive, Unit 122  
Dartmouth, Nova Scotia  
CANADA B3B 1M2  
TEL (902)468-8718  
FAX (902)468-8924  
<http://www.agatlabs.com>

CLIENT NAME: FUNDY ENGINEERING

SAMPLING SITE:

ATTENTION TO: Rob Haineault

SAMPLED BY:

### Soil Analysis - Total Organic Carbon (W-B Wet Oxidation)

DATE RECEIVED: 2015-11-05

DATE REPORTED: 2015-11-25

		SAMPLE DESCRIPTION:		11590 TP-1	11590 TP-3
		SAMPLE TYPE:		Soil	Soil
		DATE SAMPLED:		11/3/2015	11/3/2015
Parameter	Unit	G / S	RDL	7170377	7170379
Total Organic Carbon	%		0.15	36.4	6.23
Fraction Organic Carbon in Soil			0.0015	0.364	0.0623

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

Certified By:



**AGAT** Laboratories

## Certificate of Analysis

AGAT WORK ORDER: 15X039403

PROJECT: 11590

11 Morris Drive, Unit 122  
Dartmouth, Nova Scotia  
CANADA B3B 1M2  
TEL (902)468-8718  
FAX (902)468-8924  
<http://www.agatlabs.com>

CLIENT NAME: FUNDY ENGINEERING

SAMPLING SITE:

ATTENTION TO: Rob Haineault

SAMPLED BY:

pH in Soil					
DATE RECEIVED: 2015-11-05			DATE REPORTED: 2015-11-25		
SAMPLE DESCRIPTION:		11590 TP-1	11590 TP-3		
SAMPLE TYPE:		Soil	Soil		
DATE SAMPLED:		11/3/2015	11/3/2015		
Parameter	Unit	G / S	RDL	7170377	7170379
pH				4.16	4.11

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

Certified By:



## Quality Assurance

CLIENT NAME: FUNDY ENGINEERING

PROJECT: 11590

SAMPLING SITE:

AGAT WORK ORDER: 15X039403

ATTENTION TO: Rob Haineault

SAMPLED BY:

### Soil Analysis

RPT Date: Nov 25, 2015			DUPLICATE			Method Blank	REFERENCE MATERIAL		METHOD BLANK SPIKE		MATRIX SPIKE	
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD		Measured Value	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper

pH in Soil

pH 1 7170377 4.16 4.19 0.7% < 101% 80% 120%

Soil Analysis - Total Organic Carbon (W-B Wet Oxidation)

Total Organic Carbon 7185155 7185155 2.32 2.46 5.9% < 0.15 99% 80% 120% 87% 80% 120%

Comments: If Matrix spike value is NA, the spiked analyte concentration was lower than that of the matrix contribution.

If the RPD value is NA, the results of the duplicates are under 5X the RDL and will not be calculated.

Soil Analysis - TKN / T-P

Nitrogen, Total Kjeldahl 7170377 7170377 18100 18000 0.6% < 100 83% 80% 120% 88% 80% 120% 97% 80% 120%

Phosphorus 7182133 479 466 2.6% < 1.5 104% 80% 120% 100% 80% 120%

Comments: If the RPD value is NA, the results of the duplicates are under 5X the RDL and will not be calculated.

Soil Analysis - Available K, Fe

Available Iron 7170379 7170379 748 728 2.8% < 0.01 105% 80% 120% 105% 80% 120% NA 80% 120%

Available Potassium (NPKS) 7201300 49 47 4.5% < 8 97% 80% 120% 94% 80% 120% 100% 80% 120%

Comments: If the RPD value is NA, the results of the duplicates are under 5X the RDL and will not be calculated.

Certified By:

## Method Summary

CLIENT NAME: FUNDY ENGINEERING

PROJECT: 11590

SAMPLING SITE:

AGAT WORK ORDER: 15X039403

ATTENTION TO: Rob Haineault

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Soil Analysis			
Chloride, Soluble	SOIL 0140; INST 0150	CARTER & GREGORICH 2007	ION CHROMATOGRAPH
Nitrate, Soluble	SOIL 0140; INST 0150	CARTER & GREGORICH 2007	ION CHROMATOGRAPH
Nitrite, Soluble	SOIL 0140; INST 0150	CARTER & GREGORICH 2007	ION CHROMATOGRAPH
Sulfate, Soluble	SOIL 0140; INST 0150	CARTER & GREGORICH 2007	ION CHROMATOGRAPH
Fluoride, Soluble	INS 0150	ASA 10-2.3 & SM 4500 D	ION CHROMATOGRAPH
Particle Size Distribution (<12.5mm, -4 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<9.5mm, -3 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<4.75mm, -2 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<2mm, -1 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1mm, 0 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1/2mm, 1 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1/4mm, 2 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1/8mm, 3 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1/16mm, 4 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1/32mm, 5 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1/64mm, 6 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1/128mm, 7 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1/256mm, 8 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (<1/512mm, 9 PHI)	INOR-121-6034	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (Gravel)	INOR-121-6031	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (Sand)	INOR-121-6031	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (Silt)	INOR-121-6031	ASTM D-422-63	SIEVE & PIPETTE
Particle Size Distribution (Clay)	INOR-121-6031	ASTM D-422-63	SIEVE & PIPETTE
Particles >75um	INOR-121-6031, INOR-121-6034	ASTM D-422-63	CALCULATED
Classification	INOR-121-6031, INOR-121-6031	Atlantic RBCA	CALCULATED
Available Iron	AG-130 & INST 0103	SCDC S005	ICP/OES
Available Potassium (NPKS)	SOIL 0110; SOIL 0120; SOIL 0131; INST 0140	SHEPPARD 2007, ALBERTA AGRICULTURE 1988	ICP/OES
Nitrogen, Total Kjeldahl	SOIL 0110; SOIL 0120, INST 0430	KALRA and MAYNARD 1991, EPA 351.2	AQ-2 DISCRETE ANALYZER
Phosphorus	SOIL 0390; SOIL 0110; SOIL 0120; INST 0140	EPA SW 846-3050; SHEPPARD	ICP/OES
Total Organic Carbon	SOIL 0480; SOIL 0110; SOIL 0120	NELSON 1996; SHEPPARD 2007	SPECTROPHOTOMETER
pH	INOR-121-6006	modified from Canadian Society of Soil Science p15	pH METER

## Chain of Custody Record

**P: 902.468.8718 • F: 902.468.8924**

### Report Information

Company: Fundy Engineering  
Contact: Rob Haineault  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Client Project #: 11590  
AGAT Quotation: \_\_\_\_\_  
Please Note: If quotation number is not provided client will be billed full price for analysis.

**Invoice To**

Same Yes ☒ / No ☐

Company: \_\_\_\_\_  
Contact: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
PO/Credit Card#: \_\_\_\_\_

**Report Information** (Please print):

1. Name: \_\_\_\_\_  
Email: rob.hairer-110@univie.ac.at

2. Name: \_\_\_\_\_  
Email: \_\_\_\_\_

**Regulatory Requirements (Check):**

☐ List Guidelines on Report

☐ Do not list Guidelines on Report

☐ PIRI

☐ Tier 1    ☐ Res    ☐ Pot    ☐ Coarse

☐ Tier 2    ☐ Com    ☐ N/Pot    ☐ Fine

☐ Gas    ☐ Fuel    ☐ Lube

☐ CCME

☐ CDWQ

☐ Industrial    ☐ NSESQ-Cont. Sites

☐ Commercial

☐ HRM 101

☐ Res/Park    ☐ Storm Water

☐ Agricultural    ☐ Waste Water

☐ FWAL

☐ Sediment

☐ Other

reserved	Analysis	<input type="checkbox"/> Diss <del>Available</del> (K, Fe)
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### Report Format

☐ Single Sample per page

☒ Multiple Samples per page

☒ Excel Format Included

Drinking Water Sample: ☐ Yes ☐ No  
Reg. No.:

## Laboratory Use Only

Arrival Condition: ☒ Good ☐ Poor (see notes)  
Arrival Temperature: 180°C  
Hold Time: \_\_\_\_\_  
AGAT Job Number: 5x039403  
Notes: \_\_\_\_\_

## Turnaround Time Required (TAT)

**Regular TAT** ☒ 5 to 7 working days

**Rush TAT** ☐ Same day ☐ 1 day  
☐ 2 days ☐ 3 days

Date Required: \_\_\_\_\_

[illegible]

Samples Relinquished By (Print Name):

1205 Hainea - 11

Date/Time

NO-1.5

Samples Received By (Print Name):

Lohnsteuer

Date/Time
-----------

Nov 5/15




- Pink Copy - Client
- Yellow Copy - AGAT
- White Copy- AGAT

Page 1 of 1

Nº: 051913




						<b>PROJECT: Geotechnical Investigation - Multipurpose Sports Pad</b>						
<div style="text-align: center;"> <b>FUNDY Engineering</b>    <b>TESTPIT LOG</b>            No. TP1         </div>						CLIENT: Glenn Group						
						PROJECT LOCATION: Kennetcook, NS						
						ELEVATION (m): 76.49						
						CONTRACTOR: G&R Kelly						
						PROJECT # 11590						
LOGGED BY: Rob Haineault						CHECKED BY: Gord Moulant						
EQUIPMENT: Track Excavator						DATE: 10/28/2015						
DEPTH TO WATER (m): INITIAL:						24 hrs.						
Depth (meters)	Depth (feet)	Description	Elevation (m)	Groundwater	Graphic	Sample Type	Sample No.	Lab Tests	% < #200	Notes		
0	0	Topsoil with Organics and Roots			[Pattern]							
		Grey Sandy Clay Till with Organics			[Pattern]							
0.42	1.4	Reddish Brown Sand and Gravel Clay Till (Boulder at 1.5 m)			[Pattern]							
0.84	2.8				[Pattern]							
1.26	4.2				[Pattern]							
1.68	5.6				[Pattern]							
2.1	7				[Pattern]							
2.52	8.4				[Pattern]							
2.94	9.8				[Pattern]							
3.36	11.2				[Pattern]							

[illegible]

<div style="border: 1px solid black; padding: 5px; background-color: #003366; color: white; text-align: center; font-weight: bold;">FUNDY Engineering</div> <div style="text-align: center; margin-top: 10px;"> <b>TESTPIT LOG</b>  <b>No.</b> <u>TP3</u> </div>		<b>PROJECT: Geotechnical Investigation - Multipurpose Sports Pad</b> <b>CLIENT:</b> <u>Glenn Group</u> <b>PROJECT LOCATION:</b> <u>Kennetcook, NS</u> <b>ELEVATION (m):</b> <u>76.413</u> <b>CONTRACTOR:</b> <u>G&amp;R Kelly</u> <b>PROJECT #</b> <u>11590</u> <b>LOGGED BY:</b> <u>Rob Haineault</u> <b>CHECKED BY:</b> <u>Gord Moulard</u> <b>EQUIPMENT:</b> <u>Track Excavator</u> <b>DATE:</b> <u>10/28/2015</u> <b>DEPTH TO WATER (m): INITIAL:</b> <b>24 hrs.</b>								
Depth (meters)	Depth (feet)	Description	Elevation (m)	Groundwater	Graphic	Sample Type	Sample No.	Lab Tests	% < #200	Notes
0	0	Topsoil with Organics and Roots								
		Grey Sandy Clay Till with Organics								
0.42	1.4	Reddish Brown Sand and Gravel Clay Till (Boulder at 0.9 m)								
0.84	2.8									
1.26	4.2									
1.68	5.6									
2.1	7									



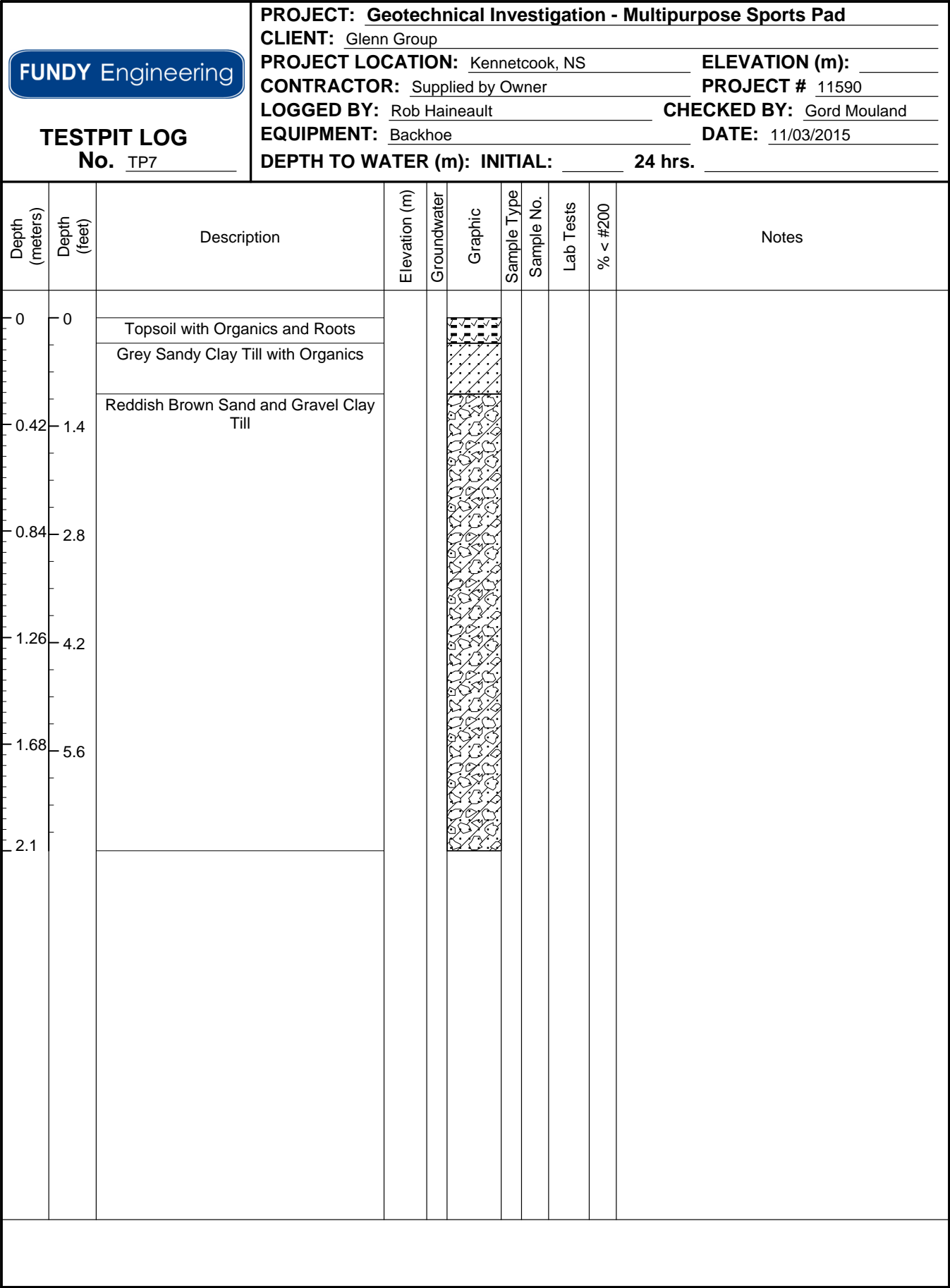
[illegible]

<div style="border: 1px solid black; padding: 5px; background-color: #003366; color: white; text-align: center; font-weight: bold;">FUNDY Engineering</div> <div style="text-align: center; margin-top: 10px;"> <b>TESTPIT LOG</b>  <b>No.</b> <u>TP5</u> </div>		<b>PROJECT: Geotechnical Investigation - Multipurpose Sports Pad</b> <b>CLIENT:</b> <u>Glenn Group</u> <b>PROJECT LOCATION:</b> <u>Kennetcook, NS</u> <b>ELEVATION (m):</b> _____ <b>CONTRACTOR:</b> <u>G&amp;R Kelly</u> <b>PROJECT #</b> <u>11590</u> <b>LOGGED BY:</b> <u>Rob Haineault</u> <b>CHECKED BY:</b> <u>Gord Mouland</u> <b>EQUIPMENT:</b> <u>Track Excavator</u> <b>DATE:</b> <u>10/28/2015</u> <b>DEPTH TO WATER (m): INITIAL:</b> <u>1.8</u> <b>24 hrs.</b> _____								
Depth (meters)	Depth (feet)	Description	Elevation (m)	Groundwater	Graphic	Sample Type	Sample No.	Lab Tests	% < #200	Notes
0	0	Topsoil with Organics and Roots								
		Grey Sandy Clay Till with Organics								
0.42	1.4	Reddish Brown Sand and Gravel Clay Till								
0.84	2.8									
1.26	4.2									
1.68	5.6									
2.1	7									



**DEPTH TO WATER (m): INITIAL: 0.3      24 hrs.**




[illegible]





DEPTH TO WATER (m): INITIAL: 24 hrs.

[illegible]

<div style="border: 1px solid black; padding: 5px; background-color: #003366; color: white; text-align: center; font-weight: bold;">FUNDY Engineering</div> <div style="text-align: center; margin-top: 10px;"> <b>TESTPIT LOG</b>  <b>No.</b> TP9         </div>		<b>PROJECT: Geotechnical Investigation - Multipurpose Sports Pad</b> <b>CLIENT:</b> Glenn Group <b>PROJECT LOCATION:</b> Kennetcook, NS <b>ELEVATION (m):</b> _____ <b>CONTRACTOR:</b> Supplied by Owner <b>PROJECT #</b> 11590 <b>LOGGED BY:</b> Rob Haineault <b>CHECKED BY:</b> Gord Mouland <b>EQUIPMENT:</b> Backhoe <b>DATE:</b> 11/03/2015 <b>DEPTH TO WATER (m): INITIAL:</b> _____ <b>24 hrs.</b> _____								
Depth (meters)	Depth (feet)	Description	Elevation (m)	Groundwater	Graphic	Sample Type	Sample No.	Lab Tests	% < #200	Notes
0	0	Topsoil with Organics and Roots								
		Grey Sandy Clay Till with Organics								
0.42	1.4	Reddish Brown Sand and Gravel Clay Till								
0.84	2.8									
1.26	4.2									
1.68	5.6									
2.1										

[illegible]