

Andrew Carr Deep Brook Road, Cape Elizabeth

June 25, 2021

SOIL NARRATIVE REPORT

DATE: Soil profiles observed on June 10, 2021.

BASE MAP: Base map and conceptual subdivision layout provided by Northeast Civil

Solutions, Inc. Contour map 2-foot intervals, scaled 1"= 100', from the

Maine Office of GIS.

GROUND CONTROL: Test pits located by AFA using a Trimble Geo 7x Hand-Held GPS.

THE SOIL MAPPING CONFORMS WITH A HIGH-INTENSITY (CLASS A) SURVEY.

Class A - Soil Survey

- 1. Mapping units of 1/8 acre or greater.
- 2. Scale of 1'' = 100' or larger.
- 3. Up to 25% inclusions in mapping units of which no more than 15% may be dissimilar soils.
- 4. Ground control Base map provided by Northeast Civil Solutions, Inc.
- 5. Base map with 2' contour lines.

This was prepared for a residential subdivision that will be served by public water and sewer.

The accompanying soil profile descriptions, soil map and this soil narrative report were done in accordance with the standards adopted by the Maine Association of Professional Soil Scientists, and the Maine Board of Certification of Geologists and Soil Scientists.

Christopher V. Coppie

L.S.S. #631, S.E. #403

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Christopher J. Coppi



ADAMS (Typic Haplorthods)

SETTING

Parent Material: Derived from outwash, stratified drift material.

Landform: Occupy outwash terraces and sand plains, deltas, lake plains, moraines,

terraces and eskers.

Position in Landscape: Usually occupies the upper positions of landform.

Slope Gradient Ranges: (A) 0-3% (B) 3-8% (C) 8-20% (D) 20%+

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: Somewhat excessively to excessively well drained, with no evidence of

high groundwater table within 3.5 feet of the soil surface.

Typical Profile Surface layer: Pinkish gray sand, 0-4"

Description: Subsurface layer: Dark brown loamy sand, 4-10"

Subsoil layer: Brown & yellowish brown sand, 10-26"

Substratum: Grayish brown sand, 26-70"

Hydrologic Group: Group A

Surface Run Off: Very slow to medium

Permeability: Rapid or very rapid

Depth to Bedrock: Very deep, greater than sixty inches

Hazard to Flooding: None

INCLUSIONS (Within Mapping Unit)

Dissimilar: Croghan, Lyman, Naumburg S.W.P, Tunbridge

USE AND MANAGEMENT

Development with public sewer and water: Adams soil is suited for building site development. Proper foundation drainage is recommended.

Stormwater Design: The Adams soil is well drained to excessively well drained. The groundwater table is typically below 4.0'. This soil is well suited for subsurface stormwater treatments. The expected soil permeability is 6.0 to 20.0 inches/hour in the upper horizon approximately 0-2', and 20.0 inches/hour in the lower horizons.

BRAYTON (Aeric Haplaquepts)

<u>SETTING</u>

Parent Material: Compact loamy glacial till.

Landform: Depressions and toeslopes of glaciated uplands.

Position in Landscape: Lowest positions on landform.

Slope Gradient Ranges: (A) 0-3% (B) 3-8%

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: Poorly drained, with a perched water table 0 to 1.0 feet beneath the soil

surface from November through May or during periods of excessive

precipitation.

Typical ProfileSurface layer: Very dark grayish brown sandy loam, 0-5"

Description:Subsurface layer:
Subsoil layer:
Grayish brown sandy loam, 5-15"
Olive gray fine sandy loam, 15-24"

Substratum: Olive sandy loam, 24-65"

Hydrologic Group: Group D

Surface Run Off: Moderate to moderately rapid.

Permeability: Moderate in solum, moderately slow or slow in dense substratum.

Depth to Bedrock: Deep, greater than 40 inches.

Hazard to Flooding: None

Erosion Factors: K: .24 - .32

INCLUSIONS (Within Mapping Unit)

Similar: Colonel, Naumburg

USE AND MANAGEMENT

Development with public water: The limiting factor for building site development is wetness, due to a perched water table within one foot of the soil surface for some portion of the year. Proper foundation drainage or other site modification is recommended for construction. Brayton soil (poorly drained) <u>may be</u> classified as wetlands, based on the combined consideration of hydric conditions, hydrology, and vegetation.

Stormwater Design: Brayton soils generally exhibit permeabilities of 0.6 to 2.0 inches per hour in the upper horizon (0-6"), 0.6 to 2.0 inches per hour in the intermediate horizons (6-23") and .06 to 0.6 inches per hour in the substratum (23-65").

COLONEL (Aquic Haplorthods)

SETTING

Parent Material: Compact loamy glacial till.

Landform: Glaciated uplands.

Position in Landscape: Intermediate positions on landform.

Slope Gradient Ranges: (A) 0-3% (B) 3-8% (C) 8-20%

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: Somewhat poorly drained, with a perched water table 1.0 to 1.5 feet

beneath the soil surface from November through May or during periods

of excessive precipitation.

Typical Profile Surface layer: Grayish brown fine sandy loam, 0-2"

Description: Subsurface layer: Dark reddish brown fine sandy loam, 2-12"

Subsoil layer: Light olive brown gravelly fine sandy loam, 12-18"

Substratum: Olive gravelly fine sandy loam, 18-65"

Hydrologic Group: Group D

Surface Run Off: Moderate

Permeability: Moderate in solum and moderately slow or slow in the compact

substratum.

Depth to Bedrock: Deep, greater than 40 inches.

Hazard to Flooding: None

Erosion Factor: K: .17 - .24

INCLUSIONS (Within Mapping Unit)

Similar: Naumburg S.W.P

Dissimilar: Brayton, Naumburg P.D

USE AND MANAGEMENT

Development with public sewer and water: The limiting factor for building site development is wetness, due to the presence of a groundwater table 1.0 to 1.5 feet beneath the soil surface for some portion of the year. Proper foundation drainage or other site modification is recommended for construction.

Stormwater design: Colonel soils are somewhat poorly drained, with seasonal high groundwater table 1.0-1.5 feet beneath the soil surface in the spring and during periods of high precipitation. Colonel soils generally exhibit permeabilities of 0.6-2.0 inches/hour, while the dense substratum has permeabilities of 0.06-0.6 inches/hour.

CROGHAN (Aquic Haplorthods)

SETTING

Parent Material: Derived from outwash or deltaic sand.

Landform: Occupy outwash terraces and sand plains.

Position in Landscape: Usually are found in intermediate or upper positions in the landscape.

Slope Gradient Ranges: (A) 0-3% (B) 3-8% (C) 8-20%

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: Moderately well-drained, with an apparent water table 1.5 to 2.0 feet

below the soil surface from November through May. The water table fluctuates from approximately 1.5 feet during prolonged wet periods to

depths greater than 4 feet in dry seasons.

Typical Profile Surface layer: Dark brown sand, 0-7"

Description: Strong brown/yellowish brown, brown & pale

brown sand with mottles below 13", 7-52"

Substratum: Grayish brown loose sand, 52-60"

Hydrologic Group: Group A

Surface Run Off: Slow to medium

Permeability: Rapid to very rapid in the lower horizons.

Depth to Bedrock: Deep, greater than 40".

Hazard to Flooding: None

<u>INCLUSIONS</u>

(Within Mapping Unit)

Similar: Dixfield (Skerry), Tunbridge

Dissimilar: Colonel, Brayton, Naumburg

USE AND MANAGEMENT

Development with public sewer and water: The limiting factor for building site development is wetness due to the presence of a groundwater table. Proper foundation drainage or site modification is recommended.

Stormwater Design: The Croghan soil is moderately well drained. The groundwater table is typically greater than 15 inches, but less than 40 inches in the spring and/or periods of heavy precipitation. The expected soil permeability is 6 to 20 inches/hr in the top 0-12 inches, and 20 inches/hr below 12 inches.

DIXFIELD (Typic Haplorthods)

SETTING

Parent Material: Compact loamy glacial till.

Landform: Glaciated uplands and drumlins.

Position in Landscape: Upper portions of landform.

Slope Gradient Ranges: (B) 3-8% (C) 8-20%

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: Moderately well drained, with a perched water table 1.5 to 2.5 feet

beneath the existing soil surface from November through April and

during periods of excessive precipitation.

Typical Profile Surface layer: Grayish brown and dark brown fine sandy loam,

Description: 0-6"

Subsurface layer: Strong brown and dark yellowish brown fine sandy

loam, 6-19"

Subsoil layer: Light olive brown gravelly fine sandy loam, 19-24"
Substratum: Light olive brown gravelly sandy loam, 24-65"

Hydrologic Group: Group C/D

Surface Runoff: Moderate in the solum, moderately slow or slow in the compact

substratum.

Permeability: Moderate in the solum, moderately slow or slow in the compact

substratum.

Depth to Bedrock: Very deep, greater than 40".

Hazard to Flooding: None Erosion Factors: K: .17 - .24

INCLUSIONS

(Within Mapping Unit)

Similar: Tunbridge, Croghan Dissimilar: Colonel, Lyman

USE AND MANAGEMENT

Development with public sewer and water: The limiting factor for building site development is wetness due to the presence of a perched water table 1.5 to 2.5 feet beneath the existing soil surface for a significant portion of the year. Proper foundation drainage is recommended for construction. The Very Stony phase of Dixfield soil has up to 3% of the soil surface covered with stones.

Stormwater design: Dixfield soils are moderately well drained, with seasonal high groundwater table of approximately 1.5 to 3.5 feet beneath the soil surface. Dixfield soils generally exhibit permeabilities of 0.6-2.0inches/hour in the upper horizons, and 0.06-0.6 inches/hour in the firm basal till horizons of 1.5'+ (approximately).

LYMAN (Hollis) (Lithic Haplorthods)

SETTING

Parent Material: Derived from glacial till.

Landform: Rocky hills and high plateaus.

Position in Landscape: Occupies the higher positions in the landscape on knolls, hills and

mountains.

Slope Gradient Ranges: (B) 3-8% (C) 8-20% (D) 20%+

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: Somewhat excessively drained. Water table usually not present but may

exist on top of the underlying bedrock in concave pockets in places

during prolonged wet periods.

Typical Profile Surface layer: Black loam, 0-2"

Description: Subsurface layer: Reddish gray fine sandy loam, 2-4"

Subsoil layer: Very dusky red, dark red to brown loam to sandy

loam, 10-20"

Hydrologic Group: Group D:

Surface Run Off: Slow to rapid depending on slope and bedrock exposure.

Permeability: Moderately rapid.

Depth to Bedrock: Shallow, 10-20".

Hazard to Flooding: None

INCLUSIONS (Within Mapping Unit)

Similar: Tunbridge, 20-40" to bedrock, Dixfield (greater than 40" to bedrock)

Dissimilar: Abram (bedrock, 0-10")

USE AND MANAGEMENT

Development with public sewer and water: The limiting factor for building site development is depth to bedrock, which is generally less than 20". Blasting or ripping of the more fractured or weathered bedrock may be necessary for deep excavation. Proper foundation drainage is recommended for construction.

Stormwater Design: The Lyman soil is excessively drained but is limited for deep stormwater treatment ponds, due to shallow depth to bedrock. The sandy loam soil above the bedrock has a permeability of 2.0 to 6.0 inches/hr.

MADE LAND

<u>SETTING</u>

Parent Material:VariableLandform:Variable

Position in Landscape: Variable

Slope Gradient Ranges: (A) 0-3% (B) 3-8%

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: None assigned

Typical Profile Surface layer:Description:

Surface layer:

Subsurface layer:

) Typically this map unit
) consists of areas

Variable

Subsoil layer:) excavated and reworked Substratum:) by man, then smoothed.

Hydrologic Group: None assigned

Surface Run Off: Variable
Permeability: Variable

Hazard to Flooding: None

INCLUSIONS (Within Mapping Unit)

Similar: Filled Land

Depth to Bedrock:

Dissimilar: Small 'made' depressions that contain standing water or have other

drainage implications. These may be caused by compaction by vehicular traffic,

which is not synonymous with seasonal water tables.

USE AND MANAGEMENT

This map unit consists of areas reworked by man, so that the soils are no longer taxonomically classifiable. Limiting factor for development is soil drainage, though somewhat difficult to determine in these map units. This map unit contains manufactured soils including glass, concrete and compacted gravelly soil material. Man-made wetlands are included in this unit.

NAUMBURG (Poorly Drained)-NAUMBURG (SWP) (Aeric Haplaquods)

SETTING

Parent Material: Derived from outwash, stratified drift and deltaic sediments.

Landform: Usually occupies low sand plains and terraces.

Position in Landscape: Occupies the lower position in landscape.

Slope Gradient Ranges: (A) 0-3%

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: This Naumburg soil is poorly drained to somewhat poorly drained with an

apparent water table 0.5 to 1.5 feet below the soil surface from November through May. The water table fluctuates from near the surface during

prolonged wet periods to depths greater than 1.5" in dry seasons.

Typical Profile

Surface layer:

Black organic matter, 6" thick

Description:

Subsurface layer:

Reddish gray loamy sand, 6" thick

(for poorly drainedsee also SWP description)

Subsoil layer: Mottled dark reddish brown, dark brown and yellowish brown sand, fine sand or loamy sand, 6-30"

Substratum: Light brownish gray sand, 30-60"

Hydrologic Group: Group D

Surface Run Off: Very slow

Permeability: Rapid

Depth to Bedrock: Deep, greater than 40".

Hazard to Flooding: None

INCLUSIONS

(Within Mapping Unit)

Similar: Finch, somewhat poorly drained with cementation in the subsoil.

USE AND MANAGEMENT

Development with subsurface wastewater disposal: The limiting factor for building site development is wetness due to the presence of a groundwater table. Proper foundation drainage or site modification is recommended. This soil is unsuitable for subsurface wastewater disposal. Naumburg (poorly drained) may be classified as wetlands, based on the combined consideration of hydric conditions, hydrology, and vegetation.

Stormwater Design: Naumburg soils generally exhibit permeabilities of 2.0 to 6.0 inches per hour in the upper horizons (0-19") and 6.0 to 20.0 inches per hour in the substratum (19-70")

ROCK OUTCROP

SETTING

Parent Material: Bedrock (igneous or metamorphic)

Landform: Commonly found on heights of land forms, along steep escarpments, and on

knolls along sideslopes.

Position in Landscape: Varies (see above)

Slope Gradient Ranges: 0-100%

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: Excessively drained

Hydrologic Group: D

Surface Run Off: Rapid

Permeability: Impermeable

Depth to Bedrock: 0", on ground surface

Hazard to Flooding: None

INCLUSIONS (Within Mapping Unit)

Similar: Abram

USE AND MANAGEMENT

Development of Public Water and Sewer:

Rock outcroppings present severe limitations for buildings and site development due to the difficulty to excavate which may cause significant flooding and drainage problems.

Stormwater Design: Rock outcroppings are not suitable for stormwater retainment nor treatment; exposed bedrock has a high potential for flooding and runoff.

ROUNDABOUT (Aeric Haplaquepts)

<u>SETTING</u>

Parent Material: Derived from lacustrine and marine sediments.

Landform: Low-lying lake or marine plains.

Position in Landscape: Nearly level areas in lower portions of landscape.

Slope Gradient Ranges: (A) 0-3% (B) 3-8%

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: Roundabout soils are somewhat poorly to poorly drained, and exhibit a

perched water table 0.5 to 1.5 feet below the soil surface from November

through May and during periods of excessive wetness.

Typical Profile Surface layer: Dark brown silt loam, few mottles, 0-7"

Description: Subsurface layer: Olive brown and grayish brown silt loam, many mottles,

7-26"

Subsoil layer: Olive gray very fine sandy loam, many mottles, 26-30"

Substratum: Olive silt loam, common mottles, 30-65"

Hydrologic Group: Group D

Surface Run Off: Slow to medium

Permeability: Moderate to moderately slow in upper horizons, moderately slow in

the medium textured substratum, and moderately rapid to rapid in the coarser

textured substratum.

Depth to Bedrock: Deep, greater than 40".

Hazard to Flooding: None

INCLUSIONS
(Within Mapping Unit)

Similar: Brayton, Naumburg

USE AND MANAGEMENT

Development with public sewer and water: The limiting factor for building site development is wetness due to a high water table for some portion of the year. Proper foundation drainage or site modification is recommended for construction. Roundabout soil may be classified as wetlands based upon the combined consideration of hydric conditions, hydrology, and vegetation.

Stormwater design: Roundabout soils are poorly drained, with seasonal high groundwater table 0.5-1.5 feet beneath the soil surface in the spring and during periods of high precipitation. Roundabout soils generally exhibit permeabilities of 0.2-2.0 inches/hour from 0 to 30", and 0.06 to 0.6 inches/hour in the deeper horizons (below 30" from the surface).

TUNBRIDGE (Typic Haplorthods)

SETTING

Parent Material: Loamy glacial till.

Landform: Glaciated uplands.

Position in Landscape: Upper positions on landform.

Slope Gradient Ranges: (B) 3-8% (C) 8-20% (D) 20+%

COMPOSITION AND SOIL CHARACTERISTICS

Drainage Class: Somewhat excessively to well drained, with no evidence of a water table, or

only inches from the bedrock surface during spring and during periods of heavy

precipitation.

Typical Profile Description:

Surface layer:

Black and reddish brown loam and fine sandy

loam, 0-4"

Subsurface layer:

Very dusky red loam, 4-6"

Subsoil layer:

Dark red loam, 6-10"

Substratum layer:

Dark brown to brown loam, 10-25". Bedrock at 25".

Hydrologic Group: Group C

Surface Run Off: Rapid

Permeability: Moderate or moderately rapid.

Depth to Bedrock: Moderately deep, 20-40".

Hazard to Flooding: None

<u>INCLUSIONS</u>

(Within Mapping Unit)

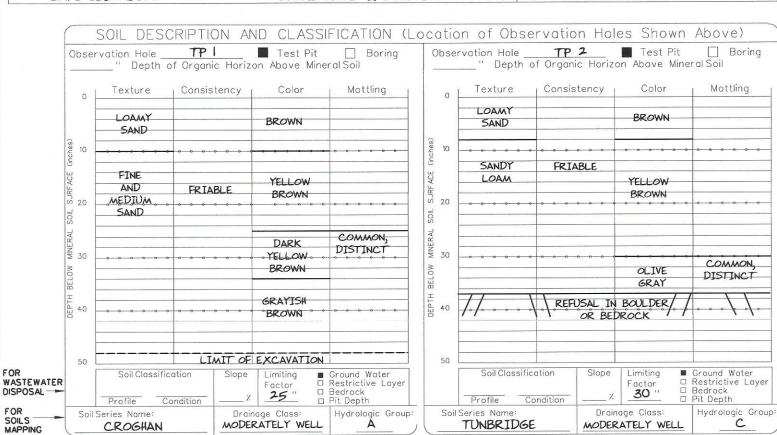
Similar: Dixfield, Skerry, Croghan

Dissimilar: Lyman, Colonel

USE AND MANAGEMENT

Development with public sewer and water: The limiting factor for building site development is shallow depth to bedrock. This map unit has limitations for construction of houses with foundations. Proper foundation drainage or other site modification is recommended for construction.

Stormwater design: Tunbridge soils are moderately deep to bedrock, and offer limitations for subsurface stormwater design due to the 'ledge' blasting potential. The expected permeability of the upper 2.0' is 0.6 to 6.0 inches/hour, and 0.01 to 20.0 inches/hour in the lower horizons.



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Site Evaluator /Soil Scientist Signature

403 / 63 SE/CSS # 6/10/2021

Town, City, Plantation CAPE ELIZABETH

Street, Road Subdivision SHORE ROAD & DEEP BROOK ROAD

Owner's Name ANDREW CARR

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DEPTH BELOW WINERAL SOIL SURFACE (inches) O 20 O 20 O 20 O 20 O 30 O 30 O 40 O 50 O 50 O 60 O 70 O 70	Series Name: DIXFIELD SOIL DESC rvation Hole Depth Texture LOAMY FINE SANDY LOAM Soil Classific	CRIPTION A TP 7 of Organic Hori: Consistency FRIABLE ation Slope	Inage Class: ERATELY WELL ND CLASS Test Pit zon Above Mine Color DARK GRAYISH BROWN GRAY Limiting Factor	Hydrologic Group C IFICATION (L Boring eral Soil Mottling COMMON, DISTINCT FREE WATER Ground Water	DEPTH BELOW MINERAL SOIL SURFACE (inches) 0 000000000000000000000000000000000	Series Name: NAUMBURG on of Obs rvation Hole "Depth Texture LOAMY SAND SAND SAND	ervatic TP of Organ Consis	some some some some some some some some	es Shov Test Pon Above M Color DARK BROWN DARK YELLOW BROWN 6RAYISH BROWN Limiting	Wn Aberit [Mineral S

ALBERT FRICK ASSOCIATES - 380-B MAIN STREET GORHAM, MAINE 04038 - (207) 839-5563

Owner's Name
ANDREW CARR

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above) TP 10 TP 9 Observation Hole Test Pit ☐ Boring Depth of Organic Horizon Above Mineral Soil Depth of Organic Horizon Above Mineral Soil Mottling Consistency Color Mottling Consistency Color 0 BLACK LOAMY FINE SAND GRAYISH SANDY BROWN LOAM GRAY LOAMY DARK REDDISH SJRFACE (inches) AND FRIABLE FRIABLE 10 SAND DARK COMMON, BROWN FINE DISTINCT BROWN AND SANDY SAND SJRFACE COMMON. GRAYISH LOAM SATURATED DISTINCT BROWN 20 SOIL SOIL MINERAL MINERAL 30 BELOW DEPTH BELOW DEPTH 40 40 50 50 ■ Ground Water
□ Restrictive La
□ Bedrock FOR Soil Classification ■ Ground Water
□ Restrictive Layer
□ Bedrock Soil Classification Slope Limiting Slope Limiting WASTEWATER DISPOSAL -Factor Factor Restrictive Layer Bedrock 8 Profile Condition Profile Condition Pit Depth Pit Depth FOR Soil Series Name: NAUMBURG Drainage Class:
POORLY DRAINED Hydrologic Group: Soil Series Name: Drainage Class: Hydrologic Group COLONEL SOMEHWAT POORLY D D MAPPING SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown TP 12 TPII Test Pit Test Pit ☐ Boring Observation Hole _ Depth of Organic Horizon Above Mineral Soil Depth of Organic Horizon Above Mineral Soil Color Mottling Consistency Color Mottling Texture Consistency Texture BROWN LOAMY GRAY BROWN LOAMY SAND FRIABLE SAND (inches) (inches 10 GRAYISH COMMON. FRIABLE DISTINCT FINE BROWN YELLOW SOIL SURFACE SURFACE AND BROWN MEDIUM 20 SAND SOIL BELOW MINERAL MINERAL LIGHT 30 YELLOW BELOW BROWN DEPTH 40 LIMIT OF EXCAVATION LIMIT OF EXCAVATION Soil Classification Limiting Ground Water Restrictive Layer ■ Ground Water

□ Restrictive Layer Soil Classification Restrictiv
Bedrock
Pit Depth WASTEWATER Factor □ Bedrock
□ Pit Depth DISPOSAL 8 Profile Condition Profile Condition FOR SOILS MAPPING Drainage Class: POORLY DRAINED Soil Series Name: NAUMBURG Hydrologic Group: Soil Series Name Drainage Class: Hydrologic Group ADAMS WELL DRAINED

> 403 / 63 SE/CSS #

6/10/2021

Date

Evaluator /Soil Scientist Signature

Town, City, Plantation CAPE ELIZABETH

Street, Road Subdivision SHORE ROAD & DEEP BROOK ROAD

Owner's Name
ANDREW CARR

N 1:11- N	'' Depth o	of Organic Horizo			Obser		of Organic Horiz		neral Soil
0	Texture	Consistency	Color	Mottling	0	Texture	Consistency	Color BROWN	Мо
	LOAMY		GRAY/					YELLOW	
(6)	SAND	FRIABLE	BLACK		ŝ	LOAMY	FRIABLE	BROWN	
(inches)	0 0 0 0 0		0 0 0 0 0	0 0 0 0 0	(inches)	0 0 0 0	• • • • • • •		• • • •
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A 20 L			BROWN		SJRFACE 00	11	1 1 2 2 2 2 2	BROWN	0/000
SOIL					SOIL	//	BEDR	OCK /	
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BELOW					BELOW				
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	3011 010331110	1.5	Factor	Restrictive Layer Bedrock		3011 01033111		Factor	Restric Bedroc
C 0.11 C	Profile Co Series Name:	ondition X		Pit Depth Hydrologic Group:	Soil	Profile (Series Name:	Condition ——	inage Class:	Pit Dep Hydro
3011 3	NAUMBURG	SOME	VHAT POORLY		3011	LYMAN			
	SOIL DESC	CRIPTION AN	D CLASSI	FICATION (L		on of Obs	ervation Ho	Test Pit	Abo
	SOIL DESC vation Hole " Depth c Texture LOAMY	CRIPTION AN	D CLASSI	FICATION (L		on of Obs	ervation Ho	les Showr Test Pit zon Above Min Color	Abo
Obser	SOIL DESC vation Hole _ " Depth c Texture LOAMY FINE	CRIPTION AN TP 15 of Organic Horizo	D CLASSI Test Pit Above Miner	FICATION (L	Obser	on of Obs rvation Hole " Depth Texture 	ervation Ho TP 16 of Organic Horiz	les Showr ■ Test Pit zon Above Min	Abo
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403 / 631

6/10/2021

Town, City, Plantation CAPE ELIZABETH

Street, Road Subdivision
SHORE ROAD & DEEP BROOK ROAD

Owner's Name
ANDREW CARR

0	Texture MUCKY SILT LOA	Consisten	cy Color BLACK	Mottline	9 0		Texture	Consis	stency	Color		Мо
SJRFACE (inches)	SILT COAM	FRIABLE	- GRAY	COMMO	-	_	GRAVELLY SANDY ••• LOAM	FRIA	BLE	DARK BROWN	-	
JRFACE					SJRFACE (inches)		LOAN			BROWN	N	
SOIL		0 0 0 0	0 0 0 0		Sol	•		- 0 - 0 -	• • • • •			
MINERAL 30					MINERAL 30							
BELOW N	0 0 0 0 0	- 0 0 0 0		0 0 0 0 0	BELOW N	•	0 0 0 0 0		• • • •	• • • •	-0-0	000
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						1	Profile Co	ondition			ш	
	Series Name: ROUNDABOU SOIL DESC	CRIPTION	Drainage Class: COORLY DRAINE AND CLAS	Hydrologic D SSIFICATIO Pit	N (Location of the location of	ion	of Obse	rvatio	n Hol	□ Test I	Pit	Abo
	Series Name: ROUNDABOU SOIL DESC	CRIPTION	Drainage Class: OORLY DRAINE AND CLAS Test Forizon Above N	Hydrologic D SSIFICATIO Pit	N (Location of the location of	on erva	of Obse	rvatio	n Hol	es Sho	Pit Miner	Abo
Obser 0	Series Name: ROUNDABOU SOIL DESC rvation Hole	CRIPTION of Organic H	Drainage Class: OORLY DRAINE AND CLAS Test Forizon Above N	SSIFICATIO Pit Bor	N (Location of the control of the co	on erva	of Obse	rvatio f Organi	n Hol	es Sho Test I	Pit Miner	Abov
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