

Project Area

Mapped Soils

Municipal Boundary

Data: TRC, USDA NRCS, 2019
Base Map: NYS Office of Information Technology Services,
GIS Program Office, 2018; Esri and its contributors

0

1,000

2,000

Feet

N

MAP LOCATION

New York

NEXTERA[®]

ENERGY

RESOURCES

FARMLAND CLASSIFICATIONS
AND SOIL TYPES

GARNET ENERGY CENTER, LLC

TOWN OF CONQUEST, NY

SHEET 1 OF 4

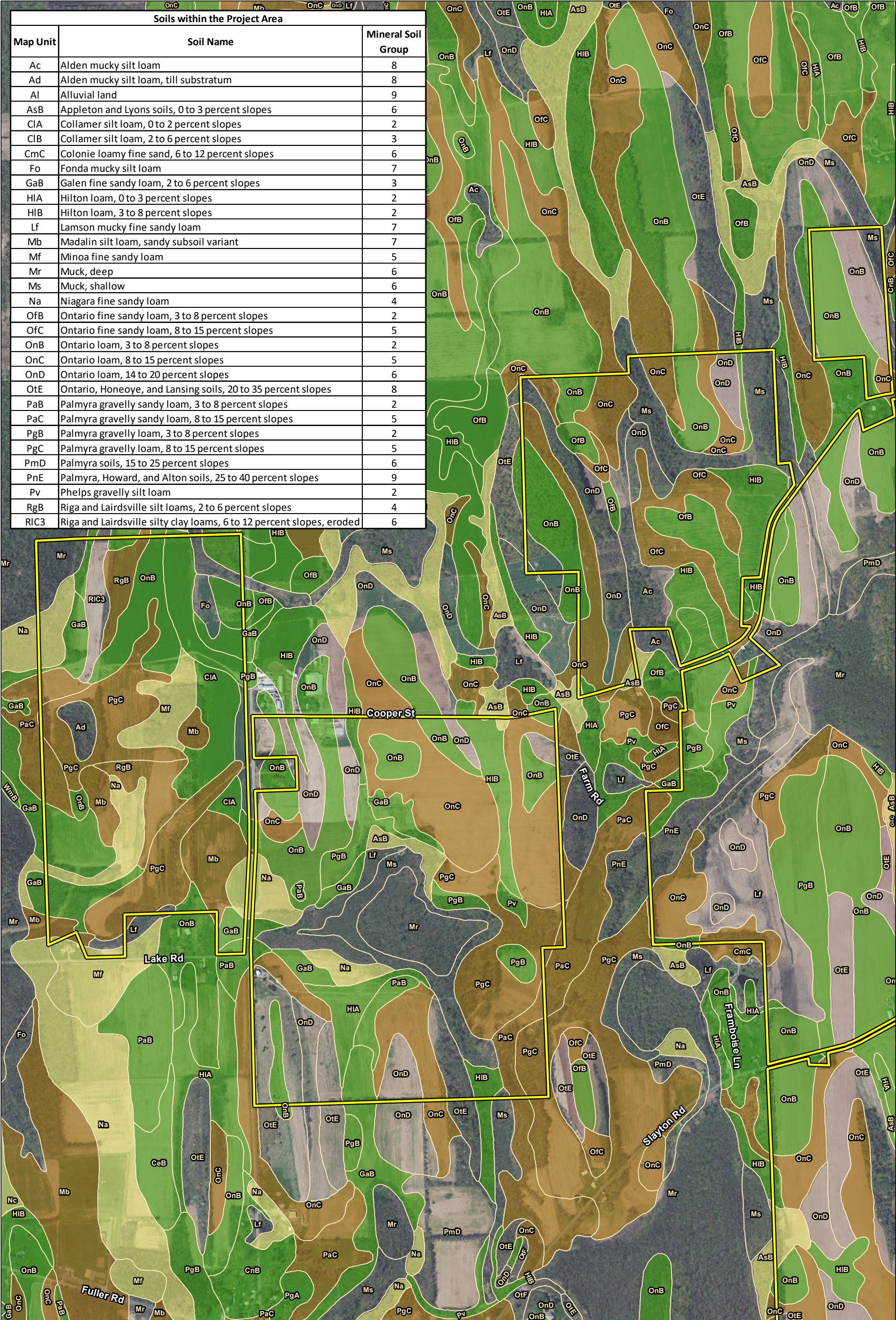
FIGURE 21-2

MAY 2021

Map Produced by

TRC

Soils within the Project Area		
Map Unit	Soil Name	Mineral Soil Group
Ac	Alden mucky silt loam	8
Ad	Alden mucky silt loam, till substratum	8
Al	Alluvial land	9
AsB	Appleton and Lyons soils, 0 to 3 percent slopes	6
CIA	Collamer silt loam, 0 to 2 percent slopes	2
ClB	Collamer silt loam, 2 to 6 percent slopes	3
CmC	Colonie loamy fine sand, 6 to 12 percent slopes	6
Fo	Fonda mucky silt loam	7
GaB	Galen fine sandy loam, 2 to 6 percent slopes	3
HIA	Hilton loam, 0 to 3 percent slopes	2
HIB	Hilton loam, 3 to 8 percent slopes	2
Lf	Lamson mucky fine sandy loam	7
Mb	Madalin silt loam, sandy subsoil variant	7
Mf	Minoa fine sandy loam	5
Mr	Muck, deep	6
Ms	Muck, shallow	6
Na	Niagara fine sandy loam	4
OfB	Ontario fine sandy loam, 3 to 8 percent slopes	2
OfC	Ontario fine sandy loam, 8 to 15 percent slopes	5
OnB	Ontario loam, 3 to 8 percent slopes	2
OnC	Ontario loam, 8 to 15 percent slopes	5
OnD	Ontario loam, 14 to 20 percent slopes	6
OtE	Ontario, Honeoye, and Lansing soils, 20 to 35 percent slopes	8
PaB	Palmyra gravelly sandy loam, 3 to 8 percent slopes	2
PaC	Palmyra gravelly sandy loam, 8 to 15 percent slopes	5
PgB	Palmyra gravelly loam, 3 to 8 percent slopes	2
PgC	Palmyra gravelly loam, 8 to 15 percent slopes	5
PmD	Palmyra soils, 15 to 25 percent slopes	6
PnE	Palmyra, Howard, and Alton soils, 25 to 40 percent slopes	9
Pv	Phelps gravelly silt loam	2
RgB	Riga and Lairdsville silt loams, 2 to 6 percent slopes	4
RIC3	Riga and Lairdsville silty clay loams, 6 to 12 percent slopes, eroded	6



Project Area

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Farmland Classification

All areas are Prime Farmland

Farmland of Statewide Importance

Prime Farmland if Drained

Not Prime Farmland

2

3

4

0450900

Feet

NEXTERA ENERGY RESOURCES

FARMLAND CLASSIFICATIONS AND SOIL TYPES

GARNET ENERGY CENTER, LLC

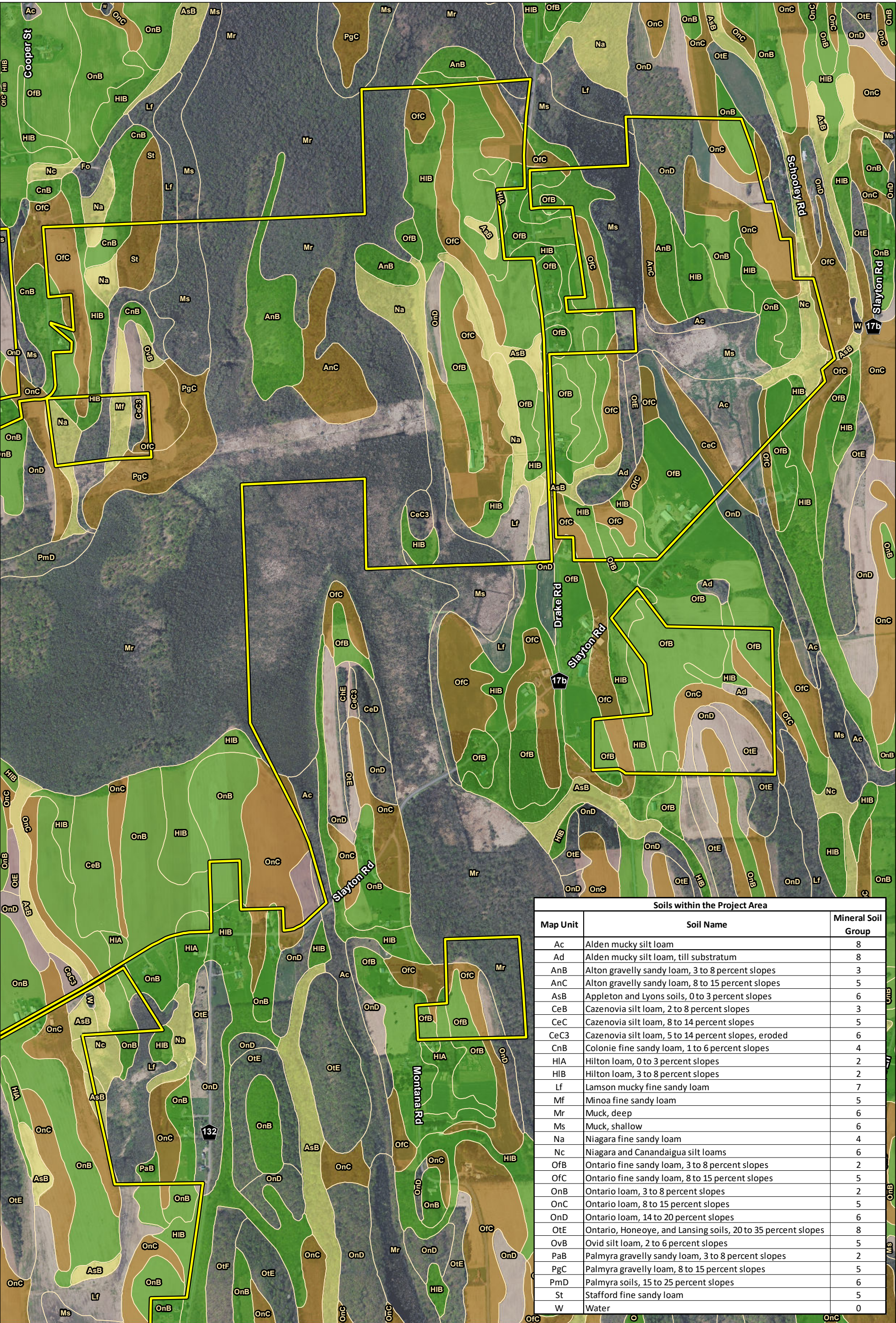
TOWN OF CONQUEST, NY

SHEET 2 OF 4

FIGURE 21-2

JUNE 2021

Map Produced by TRC



Soils within the Project Area		
Map Unit	Soil Name	Mineral Soil Group
Ac	Alden mucky silt loam	8
Ad	Alden mucky silt loam, till substratum	8
AnB	Alton gravelly sandy loam, 3 to 8 percent slopes	3
AnC	Alton gravelly sandy loam, 8 to 15 percent slopes	5
AsB	Appleton and Lyons soils, 0 to 3 percent slopes	6
CeB	Cazenovia silt loam, 2 to 8 percent slopes	3
CeC	Cazenovia silt loam, 8 to 14 percent slopes	5
CeC3	Cazenovia silt loam, 5 to 14 percent slopes, eroded	6
CnB	Colonie fine sandy loam, 1 to 6 percent slopes	4
HIA	Hilton loam, 0 to 3 percent slopes	2
HIB	Hilton loam, 3 to 8 percent slopes	2
Lf	Lamson mucky fine sandy loam	7
Mf	Minoa fine sandy loam	5
Mr	Muck, deep	6
Ms	Muck, shallow	6
Na	Niagara fine sandy loam	4
Nc	Niagara and Canandaigua silt loams	6
OfB	Ontario fine sandy loam, 3 to 8 percent slopes	2
OfC	Ontario fine sandy loam, 8 to 15 percent slopes	5
OnB	Ontario loam, 3 to 8 percent slopes	2
OnC	Ontario loam, 8 to 15 percent slopes	5
OnD	Ontario loam, 14 to 20 percent slopes	6
Ote	Ontario, Honeoye, and Lansing soils, 20 to 35 percent slopes	8
OvB	Ovid silt loam, 2 to 6 percent slopes	5
PaB	Palmyra gravelly sandy loam, 3 to 8 percent slopes	2
PgC	Palmyra gravelly loam, 8 to 15 percent slopes	5
PmD	Palmyra soils, 15 to 25 percent slopes	6
St	Stafford fine sandy loam	5
W	Water	0

Project Area

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Farmland Classification

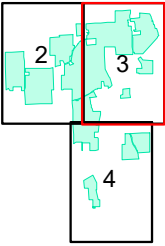
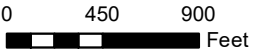
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Farmland of Statewide Importance

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GARNET ENERGY CENTER, LLC
TOWN OF CONQUEST, NY

SHEET 3 OF 4

FIGURE 21-2

JUNE 2021

Map Produced by

TRC



Project Area

Mapped Soils

Farmland Classification

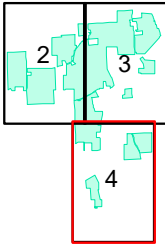
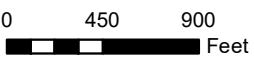
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