

Catastrophic Mortality, Large Animal Disposal, Pit

Aggregation Method: Dominant Condition

Tie-break Rule: Higher

Ontario County, New York

Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
1A	Fluvaquents-Udifluvents complex, 0 to 3 percent slopes, frequently flooded	Very limited	Fluvaquents, frequently flooded 45% Flooding Wetness Seepage Sand content Water gathering surface Udifluvents, frequently flooded 40% Flooding Wetness Seepage Water gathering surface Wayland 10% Flooding Wetness Naples Creek 5% Flooding Wetness Water gathering surface Clay content
2A	Geneseo silty clay loam, 0 to 3 percent slopes	Very limited	Geneseo 90% Flooding Wetness Naples Creek 10% Flooding Wetness Water gathering surface Clay content
3A	Hemlock silty clay loam, 0 to 3 percent slopes	Very limited	Hemlock 90% Flooding Wetness Water gathering surface Naples Creek 10% Flooding Wetness Water gathering surface Clay content
4A	Naples Creek silty clay loam, 0 to 3 percent slopes	Very limited	Naples Creek 90% Flooding Wetness Water gathering surface Clay content Wayland 5% Flooding Wetness Hemlock 5% Flooding Wetness Water gathering surface
5A	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Very limited	Wayland 60% Flooding Wetness Wayland, very poorly drained 30% Ponding Flooding Wetness Water gathering surface Wakeville 10% Flooding Wetness Water gathering surface

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12D	Rockrift channery silt loam, 15 to 25 percent slopes	Very limited	Rockrift 85% Slope Large stones Mongaup, very stony 10% Slope Depth to bedrock Willdin 5% Slope Wetness Water gathering surface
13F	Rock outcrop-Arnot complex, 25 to 70 percent slopes	Not rated	Rock outcrop 55%
14D	Cadosia channery silt loam, 15 to 25 percent slopes	Very limited	Cadosia 85% Slope Lordstown, very stony 10% Slope Depth to bedrock Mardin 5% Slope Wetness Water gathering surface
15A	Guyanoga channery silt loam, fan, 0 to 3 percent slopes	Very limited	Guyanoga, fan 90% Wetness Seepage Flooding Large stones Water gathering surface Chenango, fan 5% Wetness Seepage Flooding Hemlock 5% Flooding Wetness Water gathering surface
15B	Guyanoga channery silt loam, fan, 3 to 8 percent slopes	Very limited	Guyanoga, fan 90% Wetness Seepage Flooding Large stones Water gathering surface Hemlock 5% Flooding Wetness Water gathering surface Chenango, fan 5% Wetness Seepage Flooding

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16A	Almond channery silt loam, 0 to 3 percent slopes	Very limited	Almond 80% Wetness Water gathering surface Norchip 8% Wetness Water gathering surface Ontusia 7% Wetness Water gathering surface Gretor 5% Wetness Depth to bedrock Slope
16B	Almond channery silt loam, 3 to 8 percent slopes	Very limited	Almond 80% Wetness Water gathering surface Slope Gretor 5% Wetness Depth to bedrock Slope Salamanca 5% Wetness Slope Clay content Ontusia 5% Wetness Water gathering surface Slope Norchip 5% Wetness Water gathering surface
16C	Almond channery silt loam, 8 to 15 percent slopes	Very limited	Almond 80% Wetness Slope Water gathering surface Salamanca 5% Slope Wetness Water gathering surface Clay content Norchip 5% Wetness Water gathering surface Ontusia 5% Wetness Slope Water gathering surface Gretor 5% Slope Wetness Depth to bedrock

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18A	Homer fine sandy loam, 0 to 3 percent slopes	Very limited	Homer 90% Wetness Seepage Too sandy Water gathering surface Phelps 5% Wetness Seepage Sand content Water gathering surface Fine-loamy, mixed, active, mesic Typic Argiaquolls 5% Wetness Water gathering surface Clay content
19A	Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Very limited	Fine-loamy, mixed, active, mesic Typic Argiaquolls 80% Ponding Wetness Water gathering surface Clay content Homer 8% Wetness Seepage Too sandy Water gathering surface Atherton 7% Wetness Water gathering surface Seepage Palms, undrained 5% Ponding Wetness Organic matter content
20A	Atherton and Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Very limited	Atherton 41% Wetness Water gathering surface Seepage Fine-loamy, mixed, active, mesic Typic Argiaquolls 39% Ponding Wetness Water gathering surface Clay content Homer 8% Wetness Seepage Too sandy Water gathering surface Canandaigua 7% Wetness Water gathering surface Clay content Castile 5% Wetness Seepage Water gathering surface

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
24A	Howard gravelly loam, 0 to 3 percent slopes	Very limited	Howard 80% Seepage Too sandy Palmyra 10% Seepage Too sandy Arkport 5% Seepage Sand content Phelps 5% Wetness Seepage Sand content Water gathering surface
24B	Howard gravelly loam, 3 to 8 percent slopes	Very limited	Howard 80% Seepage Too sandy Slope Palmyra 10% Seepage Too sandy Slope Arkport 5% Seepage Sand content Slope Phelps 5% Wetness Seepage Sand content Water gathering surface Slope
24C	Howard gravelly loam, 8 to 15 percent slopes	Very limited	Howard 80% Seepage Too sandy Slope Palmyra 10% Seepage Too sandy Slope Arkport 5% Seepage Slope Sand content Phelps 5% Wetness Seepage Sand content Water gathering surface

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24D	Howard soils, 15 to 25 percent slopes	Very limited	Howard 65% Slope Seepage Too sandy Palmyra 20% Slope Seepage Too sandy Arkport 13% Slope Seepage Sand content Phelps 2% Wetness Seepage Sand content Water gathering surface
25A	Chenango gravelly loam, 0 to 3 percent slopes	Very limited	Chenango 90% Seepage Castile 8% Wetness Seepage Water gathering surface Valois 2% Seepage
25B	Chenango gravelly loam, 3 to 8 percent slopes	Very limited	Chenango 90% Seepage Slope Castile 5% Wetness Seepage Water gathering surface Slope Valois 5% Seepage Slope
25C	Chenango gravelly loam, 8 to 15 percent slopes	Very limited	Chenango 90% Seepage Slope Castile 5% Wetness Seepage Slope Water gathering surface Valois 5% Seepage Slope
25D	Chenango gravelly loam, 15 to 25 percent slopes	Very limited	Chenango 90% Slope Seepage Castile 8% Wetness Seepage Slope Water gathering surface Valois 2% Slope Seepage

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25E	Chenango gravelly loam, 25 to 35 percent slopes	Very limited	Chenango 90% Slope Seepage Valois 10% Slope Seepage
26B	Chenango channery loam, fan, 3 to 8 percent slopes	Very limited	Chenango, fan 85% Wetness Seepage Flooding Slope Guyanoga, fan 5% Wetness Seepage Flooding Large stones Water gathering surface Castile 5% Wetness Seepage Water gathering surface Slope Hemlock 5% Flooding Wetness Water gathering surface
27B	Castile gravelly silt loam, 3 to 8 percent slopes	Very limited	Castile 85% Wetness Seepage Water gathering surface Phelps 5% Wetness Seepage Sand content Water gathering surface Chenango 5% Seepage Homer 5% Wetness Seepage Too sandy Water gathering surface
31A	Collamer silt loam, 0 to 3 percent slopes	Very limited	Collamer 85% Wetness Water gathering surface Niagara 10% Wetness Water gathering surface Clay content Schoharie 5% Wetness Clay content Water gathering surface

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31B	Collamer silt loam, 3 to 8 percent slopes	Very limited	Collamer 85% Wetness Water gathering surface Slope Niagara 10% Wetness Water gathering surface Slope Clay content Schoharie 5% Wetness Clay content Water gathering surface Slope
31C	Collamer silt loam, 8 to 15 percent slopes	Very limited	Collamer 85% Wetness Slope Water gathering surface Niagara 10% Wetness Water gathering surface Slope Clay content Schoharie 5% Wetness Slope Clay content Water gathering surface
31D	Collamer silt loam, 15 to 25 percent slopes	Very limited	Collamer 90% Slope Wetness Water gathering surface Schoharie 5% Slope Wetness Clay content Water gathering surface Niagara 5% Wetness Slope Water gathering surface Clay content
32A	Dunkirk fine sandy loam, 0 to 3 percent slopes	Not limited	Dunkirk 90%
32B	Dunkirk fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Dunkirk 90% Slope
33A	Dunkirk silt loam, 0 to 3 percent slopes	Not limited	Dunkirk 90%
33B	Dunkirk silt loam, 3 to 8 percent slopes	Somewhat limited	Dunkirk 90% Slope

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33C	Dunkirk silt loam, 8 to 15 percent slopes	Very limited	Dunkirk 90% Slope Arkport 4% Slope Seepage Sand content Schoharie 3% Wetness Slope Clay content Water gathering surface Niagara 3% Wetness Water gathering surface Clay content
33D	Dunkirk silt loam, 15 to 25 percent slopes	Very limited	Dunkirk 90% Slope Schoharie 5% Slope Wetness Clay content Water gathering surface Arkport 5% Slope Seepage Sand content
33E	Dunkirk silt loam, 25 to 35 percent slopes	Very limited	Dunkirk 90% Slope Schoharie 5% Slope Wetness Clay content Water gathering surface Arkport 5% Slope Seepage Sand content
34A	Lakemont silty clay loam, 0 to 3 percent slopes	Very limited	Lakemont 85% Wetness Water gathering surface Clay content Odessa 5% Wetness Clay content Water gathering surface Fonda 4% Ponding Wetness Water gathering surface Clay content Canandaigua 4% Wetness Water gathering surface Clay content Barre 2% Wetness Water gathering surface Clay content

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35A	Odessa silt loam, 0 to 3 percent slopes	Very limited	Odessa 85% Wetness Clay content Water gathering surface Lakemont 5% Wetness Water gathering surface Clay content Schoharie 5% Wetness Clay content Churchville 3% Wetness Water gathering surface Seepage, porous bedrock Rhinebeck 2% Wetness Clay content Water gathering surface
35B	Odessa silty clay loam, 3 to 8 percent slopes	Very limited	Odessa 85% Wetness Clay content Water gathering surface Schoharie 6% Wetness Clay content Slope Lakemont 4% Wetness Water gathering surface Clay content Churchville 3% Wetness Water gathering surface Seepage, porous bedrock Rhinebeck 2% Wetness Clay content Water gathering surface
36A	Schoharie silty clay loam, 0 to 3 percent slopes	Very limited	Schoharie 85% Wetness Clay content Cazenovia 5% Wetness Water gathering surface Odessa 5% Wetness Clay content Water gathering surface Cayuga 3% Wetness Water gathering surface Clay content Collamer 2% Wetness Water gathering surface

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36B	Schoharie silty clay loam, 3 to 8 percent slopes	Very limited	Schoharie 85% Wetness Clay content Slope Cazenovia 5% Wetness Water gathering surface Slope Odessa 5% Wetness Clay content Water gathering surface Slope Cayuga 3% Wetness Water gathering surface Slope Clay content Collamer 2% Wetness Water gathering surface Slope
36C	Schoharie silty clay loam, 8 to 15 percent slopes	Very limited	Schoharie 85% Wetness Slope Clay content Cazenovia 5% Wetness Slope Water gathering surface Odessa 5% Wetness Slope Clay content Water gathering surface Cayuga 3% Wetness Slope Water gathering surface Clay content Collamer 2% Wetness Slope Water gathering surface

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36D	Schoharie silty clay loam, 15 to 25 percent slopes	Very limited	Schoharie 85% Slope Wetness Clay content Cazenovia 5% Slope Wetness Water gathering surface Odessa 5% Slope Wetness Clay content Water gathering surface Cayuga 3% Slope Wetness Water gathering surface Clay content Collamer 2% Slope Wetness Water gathering surface
36E	Schoharie silty clay loam, 25 to 45 percent slopes	Very limited	Schoharie 85% Slope Wetness Clay content Odessa 5% Slope Wetness Clay content Water gathering surface Cazenovia 5% Slope Wetness Water gathering surface Cayuga 3% Slope Wetness Water gathering surface Clay content Collamer 2% Slope Wetness Water gathering surface
37A	Schoharie silt loam, 0 to 3 percent slopes	Very limited	Schoharie 85% Wetness Clay content Cazenovia 5% Wetness Water gathering surface Odessa 5% Wetness Clay content Water gathering surface Cayuga 3% Wetness Water gathering surface Clay content Collamer 2% Wetness Water gathering surface

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37B	Schoharie silt loam, 3 to 8 percent slopes	Very limited	Schoharie 85% Wetness Clay content Cazenovia 5% Wetness Water gathering surface Odessa 5% Wetness Clay content Water gathering surface Cayuga 3% Wetness Water gathering surface Clay content Collamer 2% Wetness Water gathering surface
38A	Niagara silt loam, 0 to 3 percent slopes	Very limited	Niagara 85% Wetness Water gathering surface Clay content Canandaigua 5% Wetness Water gathering surface Clay content Rhinebeck 5% Wetness Clay content Water gathering surface Collamer 5% Wetness Water gathering surface
38B	Niagara silt loam, 3 to 8 percent slopes	Very limited	Niagara 85% Wetness Water gathering surface Clay content Canandaigua 5% Wetness Water gathering surface Clay content Rhinebeck 5% Wetness Clay content Water gathering surface Collamer 5% Wetness Water gathering surface
39A	Rhinebeck silty clay loam, 0 to 3 percent slopes	Very limited	Rhinebeck 90% Wetness Clay content Water gathering surface Lakemont 5% Wetness Water gathering surface Clay content Niagara 5% Wetness Water gathering surface Clay content

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41A	Aeric Epiaquepts, 0 to 3 percent slopes	Very limited	Aeric Epiaquepts 50% Wetness Water gathering surface Clay content Aeric Epiaquepts 45% Wetness Water gathering surface Clay content Elnora 5% Wetness Seepage Too sandy Water gathering surface
43A	Canandaigua silt loam, 0 to 3 percent slopes	Very limited	Canandaigua 90% Wetness Water gathering surface Clay content Canandaigua 4% Ponding Wetness Water gathering surface Clay content Lakemont 3% Wetness Water gathering surface Clay content Niagara 3% Wetness Water gathering surface Clay content
44A	Canandaigua mucky silt loam, 0 to 3 percent slopes	Very limited	Canandaigua 90% Ponding Wetness Water gathering surface Clay content Canandaigua 5% Wetness Water gathering surface Clay content Lakemont 3% Wetness Water gathering surface Clay content Palms, undrained 2% Ponding Wetness Organic matter content
45A	Fonda mucky silt loam, 0 to 3 percent slopes	Very limited	Fonda 95% Ponding Wetness Water gathering surface Clay content Canandaigua 3% Ponding Wetness Water gathering surface Clay content Palms, undrained 2% Ponding Wetness Organic matter content

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46A	Galen fine sandy loam, 0 to 3 percent slopes	Very limited	Galen 90% Wetness Seepage Sand content Water gathering surface Aeric Epiaquepts 5% Wetness Water gathering surface Clay content Kendaia 5% Wetness Water gathering surface Seepage, porous bedrock
46B	Galen fine sandy loam, 3 to 8 percent slopes	Very limited	Galen 90% Wetness Seepage Sand content Water gathering surface Kendaia 5% Wetness Water gathering surface Seepage, porous bedrock Aeric Epiaquepts 5% Wetness Water gathering surface Clay content
48A	Arkport fine sandy loam, 0 to 3 percent slopes	Very limited	Arkport 95% Seepage Sand content Galen 2% Wetness Seepage Sand content Water gathering surface
48B	Arkport fine sandy loam, 3 to 8 percent slopes	Very limited	Arkport 95% Seepage Sand content Galen 2% Wetness Seepage Sand content Water gathering surface
48C	Arkport fine sandy loam, 8 to 15 percent slopes	Very limited	Arkport 95% Slope Seepage Sand content Dunkirk 3% Slope Galen 2% Wetness Seepage Sand content Slope Water gathering surface

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48D	Arkport fine sandy loam, 15 to 25 percent slopes	Very limited	Arkport 90% Slope Seepage Sand content Dunkirk 8% Slope Palmyra 2% Slope Seepage Too sandy
49B	Arkport loamy fine sand, 3 to 8 percent slopes	Very limited	Arkport 95% Seepage Sand content Galen 2% Wetness Seepage Sand content Water gathering surface
49D	Arkport loamy fine sand, 15 to 25 percent slopes	Very limited	Arkport 95% Slope Seepage Sand content Dunkirk 3% Slope Palmyra 2% Slope Seepage Too sandy
49E	Arkport loamy fine sand, 25 to 35 percent slopes	Very limited	Arkport 90% Slope Seepage Sand content Dunkirk 8% Slope Palmyra 2% Slope Seepage Too sandy
49F	Arkport loamy fine sand, 35 to 55 percent slopes	Very limited	Arkport 90% Slope Seepage Sand content Dunkirk 8% Slope Palmyra 2% Slope Seepage Too sandy
50B	Dunkirk-Arkport complex, 3 to 8 percent slopes	Very limited	Arkport 45% Seepage Sand content Collamer 5% Wetness Water gathering surface
50C	Dunkirk-Arkport complex, 8 to 15 percent slopes	Somewhat limited	Dunkirk 60% Slope

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50D	Dunkirk-Arkport complex, 15 to 25 percent slopes	Very limited	Dunkirk 60% Slope Arkport 35% Slope Seepage Sand content Collamer 5% Slope Wetness Water gathering surface
53A	Lamson fine sandy loam, 0 to 3 percent slopes	Very limited	Lamson 90% Wetness Water gathering surface Seepage Lamson 5% Ponding Wetness Too sandy Water gathering surface Seepage Canandaigua 3% Wetness Water gathering surface Clay content Galen 2% Wetness Seepage Sand content Water gathering surface
54A	Lamson mucky fine sandy loam, 0 to 3 percent slopes	Very limited	Lamson 90% Ponding Wetness Too sandy Water gathering surface Seepage Canandaigua 5% Wetness Water gathering surface Clay content Lamson 5% Wetness Water gathering surface Seepage
56A	Elnora loamy fine sand, 0 to 3 percent slopes	Very limited	Elnora 90% Wetness Seepage Too sandy Water gathering surface Aeric Epiaquepts 10% Wetness Water gathering surface Clay content
58B	Colonie loamy fine sand, 3 to 8 percent slopes	Very limited	Colonie 95% Seepage Sand content Elnora 5% Wetness Seepage Too sandy Water gathering surface

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58C	Colonie loamy fine sand, 8 to 15 percent slopes	Very limited	Colonie 95% Seepage Slope Sand content Elnora 5% Wetness Seepage Too sandy Slope Water gathering surface
62B	Mardin channery silt loam, 3 to 8 percent slopes	Very limited	Mardin 85% Wetness Lordstown 5% Depth to bedrock Slope Bath 5% Slope Wetness Water gathering surface Volusia 5% Wetness Water gathering surface
62C	Mardin channery silt loam, 8 to 15 percent slopes	Very limited	Mardin 88% Wetness Slope Bath 5% Slope Wetness Volusia 5% Wetness Water gathering surface Lordstown 2% Slope Depth to bedrock
62D	Mardin channery silt loam, 15 to 25 percent slopes	Very limited	Mardin 85% Slope Wetness Water gathering surface Lordstown 5% Slope Depth to bedrock Volusia 5% Wetness Slope Water gathering surface Bath 5% Slope Wetness

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62E	Mardin channery silt loam, 25 to 35 percent slopes	Very limited	Mardin 80% Slope Wetness Water gathering surface Bath 8% Slope Wetness Lordstown, very stony 7% Slope Depth to bedrock Stoniness Large stones Volusia 5% Slope Wetness Water gathering surface
63B	Langford channery silt loam, 3 to 8 percent slopes	Very limited	Langford 85% Wetness Slope Erie 10% Wetness Water gathering surface Schuyler 5% Wetness Clay content Slope
63C	Langford channery silt loam, 8 to 15 percent slopes	Very limited	Langford 85% Wetness Slope Chadakoin 5% Slope Erie 5% Wetness Water gathering surface Slope Schuyler 5% Wetness Slope Clay content
63D	Langford channery silt loam, 15 to 25 percent slopes	Very limited	Langford 80% Slope Wetness Water gathering surface Erie 5% Wetness Slope Water gathering surface Schuyler 5% Slope Wetness Water gathering surface Clay content Towerville 5% Slope Wetness Depth to bedrock Chadakoin 5% Slope

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64B	Langford-Erie channery silt loams, 3 to 8 percent slopes	Very limited	Langford 50% Wetness Slope Erie 40% Wetness Water gathering surface Slope Chippewa 5% Wetness Water gathering surface Fremont 5% Wetness Water gathering surface
66A	Lyons soils, 0 to 3 percent slopes	Very limited	Lyons 75% Wetness Water gathering surface Seepage, porous bedrock Lyons, frequently ponded 15% Ponding Wetness Water gathering surface Seepage, porous bedrock Appleton 3% Wetness Water gathering surface Canandaigua 3% Wetness Water gathering surface Clay content Kendaia 2% Wetness Water gathering surface Seepage, porous bedrock Palms, undrained 1% Ponding Wetness Water gathering surface Clay content Ilion 1% Wetness Water gathering surface Clay content
68A	Volusia channery silt loam, 0 to 3 percent slopes	Very limited	Volusia 90% Wetness Water gathering surface Chippewa 5% Wetness Water gathering surface Mardin 5% Wetness
68B	Volusia channery silt loam, 3 to 8 percent slopes	Very limited	Volusia 90% Wetness Water gathering surface Chippewa 5% Wetness Water gathering surface Mardin 5% Wetness Slope

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68C	Volusia channery silt loam, 8 to 15 percent slopes	Very limited	Volusia 90% Wetness Slope Water gathering surface Mardin 6% Slope Wetness Water gathering surface Chippewa 4% Wetness Water gathering surface
68D	Volusia channery silt loam, 15 to 25 percent slopes	Very limited	Volusia 90% Slope Wetness Water gathering surface Mardin 7% Slope Wetness Water gathering surface Chippewa 3% Wetness Water gathering surface
69A	Erie channery silt loam, 0 to 3 percent slopes	Very limited	Erie 80% Wetness Water gathering surface Chippewa 10% Wetness Water gathering surface Fremont 5% Wetness Water gathering surface Langford 5% Wetness Slope
69B	Erie channery silt loam, 3 to 8 percent slopes	Very limited	Erie 80% Wetness Water gathering surface Slope Langford 10% Wetness Slope Chippewa 5% Wetness Water gathering surface Fremont 5% Wetness Water gathering surface

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69C	Erie channery silt loam, 8 to 15 percent slopes	Very limited	Erie 80% Wetness Slope Water gathering surface Langford 10% Slope Wetness Water gathering surface Fremont 5% Wetness Slope Water gathering surface Chippewa 5% Wetness Water gathering surface
71A	Darien silt loam, 0 to 3 percent slopes	Very limited	Darien 95% Wetness Water gathering surface Clay content Ilion 4% Wetness Water gathering surface Clay content Angola 1% Wetness Depth to bedrock Water gathering surface Clay content
71B	Darien silt loam, 3 to 8 percent slopes	Very limited	Darien 95% Wetness Water gathering surface Clay content Ilion 4% Wetness Water gathering surface Clay content Angola 1% Wetness Depth to bedrock Water gathering surface Clay content
71C	Darien silt loam, 8 to 15 percent slopes	Very limited	Darien 95% Wetness Slope Water gathering surface Clay content Ilion 4% Wetness Water gathering surface Slope Clay content Angola 1% Wetness Depth to bedrock Slope Water gathering surface Clay content

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72A	Darien-Ilion silt loams, 0 to 3 percent slopes	Very limited	Darien 68% Wetness Water gathering surface Clay content Ilion 27% Wetness Water gathering surface Clay content Angola 5% Wetness Depth to bedrock Water gathering surface Clay content
72B	Darien-Ilion silt loams, 3 to 8 percent slopes	Very limited	Darien 68% Wetness Water gathering surface Clay content Ilion 27% Wetness Water gathering surface Clay content Angola 5% Wetness Depth to bedrock Water gathering surface Clay content
73B	Greter silt loam, 3 to 8 percent slopes	Very limited	Greter 95% Wetness Depth to bedrock Water gathering surface Greter, poorly drained 5% Wetness Depth to bedrock Water gathering surface
73C	Greter silt loam, 8 to 15 percent slopes	Very limited	Greter 95% Wetness Depth to bedrock Slope Water gathering surface Greter, poorly drained 5% Wetness Depth to bedrock Water gathering surface Slope
73D	Greter channery silt loam, 15 to 25 percent slopes	Very limited	Greter 90% Slope Wetness Depth to bedrock Water gathering surface Mongaup, very stony 8% Slope Depth to bedrock Greter, poorly drained 2% Wetness Depth to bedrock Water gathering surface Slope

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76B	Orpark silt loam, 3 to 8 percent slopes	Very limited	Orpark 95% Wetness Depth to bedrock Water gathering surface Clay content Orpark, poorly drained 5% Wetness Depth to bedrock Water gathering surface Clay content
76C	Orpark silt loam, 8 to 15 percent slopes	Very limited	Orpark 95% Wetness Depth to bedrock Slope Water gathering surface Clay content Orpark, poorly drained 5% Wetness Depth to bedrock Water gathering surface Clay content
76D	Orpark channery silt loam, 15 to 25 percent slopes	Very limited	Orpark 90% Slope Wetness Depth to bedrock Water gathering surface Clay content Orpark, poorly drained 5% Wetness Depth to bedrock Water gathering surface Clay content Lordstown, very stony 5% Slope Depth to bedrock
77A	Chippewa silt loam, 0 to 3 percent slopes	Very limited	Chippewa 85% Wetness Water gathering surface Chippewa, very poorly drained 10% Ponding Wetness Water gathering surface Volusia 5% Wetness Water gathering surface
77B	Chippewa silt loam, 3 to 8 percent slopes	Very limited	Chippewa 85% Wetness Water gathering surface Volusia 10% Wetness Slope Water gathering surface Chippewa, very poorly drained 5% Ponding Wetness Water gathering surface

Catastrophic Mortality, Large Animal Disposal, Pit

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
82B	Manlius channery silt loam, 3 to 8 percent slopes	Very limited	Manlius 95% Depth to bedrock Seepage Large stones Slope Gretor 5% Wetness Depth to bedrock Water gathering surface Slope
82C	Manlius channery silt loam, 8 to 15 percent slopes	Very limited	Manlius 95% Depth to bedrock Slope Seepage Large stones Gretor 5% Wetness Depth to bedrock Slope Water gathering surface
82D	Manlius channery silt loam, 15 to 25 percent slopes	Very limited	Manlius 95% Slope Depth to bedrock Seepage Large stones Arnot, very stony 4% Slope Depth to bedrock Large stones Gretor 1% Slope Wetness Depth to bedrock Water gathering surface
91A	Palms muck, 0 to 3 percent slopes	Very limited	Palms, undrained 55% Ponding Wetness Organic matter content Palms, drained 40% Wetness Organic matter content Canandaigua 5% Ponding Wetness Water gathering surface Clay content

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Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
92A	Carlisle muck, 0 to 3 percent slopes	Very limited	Carlisle, undrained 45% Ponding Wetness Organic matter content Water gathering surface Seepage Carlisle, drained 40% Wetness Organic matter content Water gathering surface Seepage Palms, undrained 10% Ponding Wetness Organic matter content Canandaigua 5% Ponding Wetness Water gathering surface Clay content
93A	Edwards muck, 0 to 3 percent slopes	Very limited	Edwards, undrained 50% Ponding Wetness Water gathering surface Edwards, drained 35% Wetness Water gathering surface Martisco, undrained 10% Ponding Wetness Water gathering surface Canandaigua 5% Ponding Wetness Water gathering surface Clay content
94A	Martisco muck, 0 to 3 percent slopes	Very limited	Martisco, undrained 55% Ponding Wetness Water gathering surface Martisco, drained 35% Wetness Water gathering surface Canandaigua 5% Ponding Wetness Water gathering surface Clay content Palms, drained 5% Wetness Organic matter content

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Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
95A	Saprists, 0 to 3 percent slopes, inundated	Very limited	Saprists, inundated 85% Ponding Wetness Organic matter content Water gathering surface Seepage Palms, undrained 5% Ponding Wetness Organic matter content Fluvaquents, frequently flooded 5% Flooding Wetness Seepage Sand content Water gathering surface Carlisle, undrained 5% Ponding Wetness Organic matter content Water gathering surface Seepage
101A	Honeoye loam, 0 to 3 percent slopes	Somewhat limited	Honeoye 85% Seepage, porous bedrock Lansing 4% Seepage, porous bedrock
101B	Honeoye loam, 3 to 8 percent slopes	Somewhat limited	Honeoye 85% Seepage, porous bedrock Slope Lansing 4% Seepage, porous bedrock Slope
101C	Honeoye loam, 8 to 15 percent slopes	Very limited	Honeoye 85% Slope Seepage, porous bedrock Lima 5% Wetness Slope Seepage, porous bedrock Lansing 4% Slope Seepage, porous bedrock Kendaia 4% Wetness Slope Water gathering surface Seepage, porous bedrock Wassaic 2% Depth to bedrock Slope

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Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
101D	Honeoye loam, 15 to 25 percent slopes	Very limited	Honeoye 85% Slope Seepage, porous bedrock Lima 5% Wetness Slope Seepage, porous bedrock Lansing 4% Slope Seepage, porous bedrock Kendaia 4% Wetness Slope Water gathering surface Seepage, porous bedrock Wassaic 2% Slope Depth to bedrock
101E	Honeoye loam, 25 to 35 percent slopes	Very limited	Honeoye 85% Slope Seepage, porous bedrock Lima 5% Wetness Slope Seepage, porous bedrock Kendaia 4% Wetness Slope Water gathering surface Seepage, porous bedrock Lansing 4% Slope Seepage, porous bedrock Wassaic 2% Slope Depth to bedrock
104A	Honeoye loam, 0 to 3 percent slopes, lower clay surface	Somewhat limited	Honeoye, lower clay surface 85% Seepage, porous bedrock Lansing 4% Seepage, porous bedrock
104B	Honeoye loam, 3 to 8 percent slopes, lower clay surface	Somewhat limited	Honeoye, lower clay surface 85% Seepage, porous bedrock Slope Lansing 4% Seepage, porous bedrock Slope

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Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
104C	Honeoye loam, 8 to 15 percent slopes, lower clay surface	Very limited	Honeoye, lower clay surface 85% Slope Seepage, porous bedrock Lima 5% Wetness Slope Seepage, porous bedrock Kendaia 4% Wetness Slope Water gathering surface Seepage, porous bedrock Lansing 4% Slope Seepage, porous bedrock Wassaic 2% Depth to bedrock Slope
106B	Danley-Lansing complex, 3 to 8 percent slopes	Very limited	Danley 50% Wetness Clay content Conesus 2% Wetness Seepage, porous bedrock Kendaia 1% Wetness Water gathering surface Seepage, porous bedrock Palatine 1% Depth to bedrock Appleton 1% Wetness Water gathering surface
107B	Conesus-Lansing complex, 3 to 8 percent slopes	Very limited	Conesus 50% Wetness Seepage, porous bedrock Kendaia 2% Wetness Water gathering surface Seepage, porous bedrock Appleton 1% Wetness Water gathering surface Danley 1% Wetness Clay content Palatine 1% Depth to bedrock
108C	Lansing loam, 8 to 15 percent slopes	Somewhat limited	Lansing 85% Slope Seepage, porous bedrock

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
108D	Lansing loam, 15 to 25 percent slopes	Very limited	Lansing 85% Slope Seepage, porous bedrock Conesus 9% Slope Wetness Seepage, porous bedrock Wassaic 3% Slope Depth to bedrock Kendaia 2% Wetness Slope Water gathering surface Seepage, porous bedrock Appleton 1% Wetness Slope Water gathering surface
108E	Lansing loam, 25 to 35 percent slopes	Very limited	Lansing 85% Slope Seepage, porous bedrock Cazenovia 10% Slope Wetness Water gathering surface Aurora 5% Slope Wetness Depth to bedrock Water gathering surface
112B	Ontario fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Ontario 85% Seepage, porous bedrock Honeoye 5% Seepage, porous bedrock
112C	Ontario fine sandy loam, 8 to 15 percent slopes	Very limited	Ontario 85% Slope Seepage, porous bedrock Honeoye 5% Slope Seepage, porous bedrock Hilton 5% Wetness Slope Seepage, porous bedrock Water gathering surface Cazenovia 3% Wetness Slope Water gathering surface Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock

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Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
112D	Ontario fine sandy loam, 15 to 25 percent slopes	Very limited	Ontario 85% Slope Seepage, porous bedrock Cazenovia 5% Slope Wetness Water gathering surface Honeoye 5% Slope Seepage, porous bedrock Hilton 3% Wetness Slope Seepage, porous bedrock Water gathering surface Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock
112E	Ontario fine sandy loam, 25 to 35 percent slopes	Very limited	Ontario 85% Slope Seepage, porous bedrock Cazenovia 5% Slope Wetness Water gathering surface Honeoye 5% Slope Seepage, porous bedrock Hilton 3% Wetness Slope Seepage, porous bedrock Water gathering surface Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock
114B	Ontario gravelly loam, 3 to 8 percent slopes	Somewhat limited	Ontario 85% Seepage, porous bedrock Slope Honeoye 5% Seepage, porous bedrock Slope

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
114C	Ontario gravelly loam, 8 to 15 percent slopes	Very limited	Ontario 85% Slope Seepage, porous bedrock Hilton 5% Wetness Slope Seepage, porous bedrock Water gathering surface Honeoye 5% Slope Seepage, porous bedrock Cazenovia 3% Wetness Slope Water gathering surface Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock
114D	Ontario gravelly loam, 15 to 25 percent slopes	Very limited	Ontario 85% Slope Seepage, porous bedrock Honeoye 5% Slope Seepage, porous bedrock Hilton 5% Wetness Slope Seepage, porous bedrock Water gathering surface Cazenovia 3% Wetness Slope Water gathering surface Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock
116B	Ontario loam, 3 to 8 percent slopes	Somewhat limited	Ontario 85% Seepage, porous bedrock Slope Honeoye 5% Seepage, porous bedrock Slope

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
116C	Ontario loam, 8 to 15 percent slopes	Very limited	Ontario 85% Slope Seepage, porous bedrock Honeoye 5% Slope Seepage, porous bedrock Hilton 5% Wetness Slope Seepage, porous bedrock Water gathering surface Cazenovia 3% Wetness Slope Water gathering surface Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock
116D	Ontario loam, 15 to 25 percent slopes	Very limited	Ontario 85% Slope Seepage, porous bedrock Cazenovia 5% Slope Wetness Water gathering surface Honeoye 5% Slope Seepage, porous bedrock Hilton 3% Wetness Slope Seepage, porous bedrock Water gathering surface Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock
118F	Ontario, Honeoye, and Lansing soils, 35 to 55 percent slopes	Very limited	Ontario 40% Slope Seepage, porous bedrock Honeoye 35% Slope Seepage, porous bedrock Lansing 20% Slope Seepage, porous bedrock Aurora 5% Slope Wetness Depth to bedrock Water gathering surface

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
120E	Palmyra and Howard soils, 25 to 45 percent slopes	Very limited	Palmyra 55% Slope Seepage Too sandy Howard 40% Slope Seepage Too sandy Colonie 5% Slope Seepage Sand content
122A	Palmyra cobbly loam, 0 to 3 percent slopes	Very limited	Palmyra 95% Seepage Sand content
122B	Palmyra cobbly loam, 3 to 8 percent slopes	Very limited	Palmyra 95% Seepage Sand content
124A	Palmyra fine sandy loam, 0 to 3 percent slopes	Very limited	Palmyra 90% Seepage Too sandy Howard 10% Seepage Too sandy
124B	Palmyra fine sandy loam, 3 to 8 percent slopes	Very limited	Palmyra 90% Seepage Too sandy Howard 10% Seepage Too sandy
126A	Palmyra gravelly loam, 0 to 3 percent slopes	Very limited	Palmyra 95% Seepage Too sandy Arkport 5% Seepage Sand content
126B	Palmyra gravelly loam, 3 to 8 percent slopes	Very limited	Palmyra 95% Seepage Too sandy Slope Arkport 5% Seepage Sand content Slope
126C	Palmyra gravelly loam, 8 to 15 percent slopes	Very limited	Palmyra 90% Seepage Too sandy Slope Arkport 10% Slope Seepage Sand content
126D	Palmyra gravelly loam, 15 to 25 percent slopes	Very limited	Palmyra 90% Slope Seepage Too sandy Arkport 10% Slope Seepage Sand content

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
128A	Palmyra gravelly sandy loam, 0 to 3 percent slopes	Very limited	Palmyra 90% Seepage Too sandy Arkport 10% Seepage Sand content
128B	Palmyra gravelly sandy loam, 3 to 8 percent slopes	Very limited	Palmyra 90% Seepage Too sandy Slope Arkport 10% Seepage Sand content Slope
128C	Palmyra gravelly sandy loam, 8 to 15 percent slopes	Very limited	Palmyra 90% Seepage Too sandy Slope Arkport 10% Slope Seepage Sand content
130A	Farmington loam, 0 to 3 percent slopes	Very limited	Farmington 90% Depth to bedrock Galoo 5% Depth to bedrock Nuhi 5% Wetness Depth to bedrock Water gathering surface
130B	Farmington loam, 3 to 8 percent slopes	Very limited	Farmington 90% Depth to bedrock Galoo 5% Depth to bedrock Nuhi 5% Wetness Depth to bedrock Water gathering surface
132A	Galoo loam, 0 to 3 percent slopes, rocky	Very limited	Galoo 95% Depth to bedrock Rock outcrop Nuhi 4% Wetness Depth to bedrock Rock outcrop Water gathering surface
132B	Galoo loam, 3 to 8 percent slopes, rocky	Very limited	Galoo 95% Depth to bedrock Rock outcrop Nuhi 4% Wetness Depth to bedrock Rock outcrop Water gathering surface

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
134A	Camillus silt loam, 0 to 3 percent slopes	Very limited	Camillus 95% Depth to bedrock Seepage Water gathering surface Angola 5% Wetness Depth to bedrock Water gathering surface Clay content
134B	Camillus silt loam, 3 to 8 percent slopes	Very limited	Camillus 95% Depth to bedrock Seepage Water gathering surface Angola 5% Wetness Depth to bedrock Water gathering surface Clay content
151C	Willdin-Norchip complex, 3 to 15 percent slopes	Very limited	Willdin 60% Wetness Slope Norchip 38% Wetness Water gathering surface Palms, undrained 2% Ponding Wetness Organic matter content
152B	Valois gravelly loam, 3 to 8 percent slopes	Very limited	Valois 85% Seepage Slope Volusia 5% Wetness Water gathering surface Mardin 5% Wetness Water gathering surface Slope
152C	Valois gravelly loam, 8 to 15 percent slopes	Very limited	Valois 85% Slope Seepage Mardin 5% Wetness Slope Water gathering surface Cadosia 5% Slope Volusia 5% Wetness Water gathering surface

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Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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152D	Valois gravelly loam, 15 to 25 percent slopes	Very limited	Valois 85% Slope Seepage Cadosia 6% Slope Mardin 6% Slope Wetness Water gathering surface Volusia 3% Wetness Slope Water gathering surface
152E	Valois gravelly loam, 25 to 35 percent slopes	Very limited	Valois 85% Slope Seepage Cadosia 6% Slope Mardin 6% Slope Wetness Water gathering surface Towerville, extremely stony 3% Slope Wetness Depth to bedrock Large stones Water gathering surface
153B	Valois gravelly loam, cool, 3 to 8 percent slopes	Very limited	Valois, cool 85% Seepage Slope Ontusia 5% Wetness Water gathering surface Willdin 5% Wetness Water gathering surface Slope
153C	Valois gravelly loam, cool, 8 to 15 percent slopes	Very limited	Valois, cool 85% Slope Seepage Ontusia 5% Wetness Water gathering surface Slope Rockrift 5% Slope Large stones Willdin 5% Wetness Slope Water gathering surface

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
153D	Valois gravelly loam, cool, 15 to 25 percent slopes	Very limited	Valois, cool 85% Slope Seepage Rockrift 6% Slope Large stones Willdin 6% Slope Wetness Water gathering surface Ontusia 3% Wetness Slope Water gathering surface
153E	Valois gravelly loam, cool, 25 to 35 percent slopes	Very limited	Valois, cool 85% Slope Seepage Rockrift 6% Slope Large stones Willdin 6% Slope Wetness Water gathering surface Ischua 3% Slope Wetness Depth to bedrock Water gathering surface
162B	Willdin channery silt loam, 3 to 8 percent slopes	Very limited	Willdin 85% Wetness Slope Lewbath 5% Slope Wetness Middlebrook 5% Wetness Depth to bedrock Water gathering surface Ontusia 5% Wetness Water gathering surface
162C	Willdin channery silt loam, 8 to 15 percent slopes	Very limited	Willdin 85% Wetness Slope Ontusia 6% Wetness Water gathering surface Slope Lewbath 6% Slope Wetness Middlebrook 3% Wetness Depth to bedrock Slope Water gathering surface

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Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
162D	Willdin channery silt loam, 15 to 25 percent slopes	Very limited	Willdin 80% Slope Wetness Water gathering surface Lewbath 10% Slope Wetness Mongaup 5% Slope Depth to bedrock Seepage Large stones Ontusia 5% Wetness Slope Water gathering surface
168A	Ontusia channery silt loam, 0 to 3 percent slopes	Very limited	Ontusia 88% Wetness Water gathering surface Willdin 5% Wetness Slope Norchip 5% Wetness Water gathering surface Gretor 2% Wetness Depth to bedrock Water gathering surface
168B	Ontusia channery silt loam, 3 to 8 percent slopes	Very limited	Ontusia 90% Wetness Water gathering surface Slope Norchip 5% Wetness Water gathering surface Willdin 5% Wetness Slope
168C	Ontusia channery silt loam, 8 to 15 percent slopes	Very limited	Ontusia 90% Wetness Slope Water gathering surface Norchip 5% Wetness Water gathering surface Slope Willdin 5% Slope Wetness Water gathering surface

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Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
168D	Ontusia channery silt loam, 15 to 25 percent slopes	Very limited	Ontusia 90% Slope Wetness Water gathering surface Willdin 7% Slope Wetness Water gathering surface Norchip 3% Wetness Water gathering surface Slope
171C	Lordstown-Manlius-Towerville complex, 8 to 15 percent slopes, very stony	Very limited	Lordstown, very stony 40% Depth to bedrock Slope Towerville, very stony 20% Wetness Depth to bedrock Slope Large stones Water gathering surface Manlius, very stony 20% Depth to bedrock Slope Seepage Large stones Cadosia, very stony 10% Slope Water gathering surface Large stones Mardin, very stony 5% Wetness Slope Arnot, very stony 5% Depth to bedrock Slope Large stones

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Tie-break Rule: Higher

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171D	Lordstown-Manlius-Towerville complex, 15 to 25 percent slopes, very stony	Very limited	Lordstown, very stony 40% Slope Depth to bedrock Manlius, very stony 20% Slope Depth to bedrock Seepage Large stones Towerville, very stony 20% Slope Wetness Depth to bedrock Large stones Water gathering surface Cadosia, very stony 10% Slope Water gathering surface Large stones Arnot, very stony 5% Slope Depth to bedrock Large stones Mardin 5% Wetness Slope
171E	Lordstown-Manlius-Towerville complex, 25 to 35 percent slopes, extremely stony	Very limited	Lordstown, extremely stony 40% Slope Depth to bedrock Towerville, extremely stony 20% Slope Wetness Depth to bedrock Large stones Water gathering surface Manlius, extremely stony 20% Slope Depth to bedrock Seepage Large stones Cadosia, extremely stony 10% Slope Water gathering surface Large stones Arnot, very stony 5% Slope Depth to bedrock Large stones Mardin, extremely stony 5% Slope Wetness Water gathering surface

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Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
171F	Lordstown-Manlius-Towerville complex, 35 to 80 percent slopes, extremely stony	Very limited	Lordstown, extremely stony 40% Slope Depth to bedrock Towerville, extremely stony 20% Slope Wetness Depth to bedrock Large stones Water gathering surface Manlius, extremely stony 20% Slope Depth to bedrock Seepage Large stones Arnot, extremely stony 10% Slope Depth to bedrock Large stones Cadosia, extremely stony 10% Slope Water gathering surface Large stones
177A	Norchip silt loam, 0 to 3 percent slopes	Very limited	Norchip 85% Wetness Water gathering surface Norchip, very poorly drained 10% Ponding Wetness Water gathering surface Ontusia 5% Wetness Water gathering surface Slope
177B	Norchip silt loam, 3 to 8 percent slopes	Very limited	Norchip 85% Wetness Water gathering surface Slope Norchip, very poorly drained 10% Ponding Wetness Water gathering surface Ontusia 5% Wetness Slope Water gathering surface

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Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
181B	Mongaup-Ischua complex, 3 to 8 percent slopes	Very limited	Mongaup 45% Depth to bedrock Slope Ischua 40% Wetness Depth to bedrock Water gathering surface Slope Willdin 3% Wetness Water gathering surface Slope Greter 2% Wetness Depth to bedrock Water gathering surface Slope
181C	Mongaup-Ischua complex, 8 to 15 percent slopes	Very limited	Mongaup 45% Depth to bedrock Slope Ischua 40% Wetness Depth to bedrock Slope Water gathering surface Rockrift 10% Slope Large stones Willdin 3% Wetness Slope Water gathering surface Greter 2% Wetness Depth to bedrock Slope Water gathering surface
181D	Mongaup-Ischua complex, 15 to 25 percent slopes, very stony	Very limited	Mongaup, very stony 45% Slope Depth to bedrock Ischua, very stony 40% Slope Wetness Depth to bedrock Water gathering surface Rockrift 10% Slope Large stones Willdin 3% Slope Wetness Water gathering surface Greter 2% Slope Wetness Depth to bedrock Water gathering surface

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Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
181E	Mongaup-Ischua complex, 25 to 35 percent slopes, extremely stony	Very limited	Mongaup, extremely stony 45% Slope Depth to bedrock Ischua, extremely stony 40% Slope Wetness Depth to bedrock Water gathering surface Rockrift 10% Slope Large stones Willdin 3% Slope Wetness Water gathering surface Gretor 2% Slope Wetness Depth to bedrock Water gathering surface
182B	Mongaup channery loam, 3 to 8 percent slopes	Very limited	Mongaup 75% Depth to bedrock Slope Willdin 8% Wetness Water gathering surface Slope Ischua 5% Wetness Depth to bedrock Water gathering surface Slope Gretor 2% Wetness Depth to bedrock Water gathering surface Slope
182C	Mongaup channery loam, 8 to 15 percent slopes	Very limited	Mongaup 75% Depth to bedrock Slope Rockrift 10% Slope Large stones Willdin 8% Wetness Slope Water gathering surface Ischua 5% Wetness Depth to bedrock Slope Water gathering surface Gretor 2% Wetness Depth to bedrock Slope Water gathering surface

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
201A	Lima loam, 0 to 3 percent slopes	Very limited	Lima 85% Wetness Seepage, porous bedrock Kendaia 3% Wetness Water gathering surface Seepage, porous bedrock Appleton 3% Wetness Water gathering surface Seepage, porous bedrock Cazenovia 2% Wetness Water gathering surface Lyons 2% Wetness Water gathering surface Seepage, porous bedrock
201B	Lima loam, 3 to 8 percent slopes	Very limited	Lima 85% Wetness Seepage, porous bedrock Kendaia 3% Wetness Water gathering surface Seepage, porous bedrock Appleton 3% Wetness Water gathering surface Seepage, porous bedrock Cazenovia 2% Wetness Water gathering surface Lyons 1% Wetness Water gathering surface Seepage, porous bedrock
201C	Lima loam, 8 to 15 percent slopes	Very limited	Lima 85% Wetness Slope Seepage, porous bedrock Appleton 3% Wetness Slope Water gathering surface Seepage, porous bedrock Kendaia 3% Wetness Slope Water gathering surface Seepage, porous bedrock Cazenovia 2% Wetness Slope Water gathering surface

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Tie-break Rule: Higher

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204A	Lima loam, 0 to 3 percent slopes, lower clay surface	Very limited	Lima 85% Wetness Seepage, porous bedrock Appleton 3% Wetness Water gathering surface Seepage, porous bedrock Kendaia 3% Wetness Water gathering surface Seepage, porous bedrock Lyons 2% Wetness Water gathering surface Seepage, porous bedrock Cazenovia 2% Wetness Water gathering surface
204B	Lima loam, 3 to 8 percent slopes, lower clay surface	Very limited	Lima 85% Wetness Seepage, porous bedrock Appleton 3% Wetness Water gathering surface Seepage, porous bedrock Kendaia 3% Wetness Water gathering surface Seepage, porous bedrock Cazenovia 2% Wetness Water gathering surface Lyons 1% Wetness Water gathering surface Seepage, porous bedrock
210A	Phelps gravelly silt loam, 0 to 3 percent slopes	Very limited	Phelps 85% Wetness Seepage Sand content Water gathering surface Galen 10% Wetness Seepage Sand content Water gathering surface Homer 5% Wetness Seepage Too sandy Water gathering surface

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
210B	Phelps gravelly silt loam, 3 to 8 percent slopes	Very limited	Phelps 85% Wetness Seepage Sand content Water gathering surface Galen 10% Wetness Seepage Sand content Water gathering surface Homer 5% Wetness Seepage Too sandy Water gathering surface
212A	Nuhi silt loam, 0 to 3 percent slopes	Very limited	Nuhi 85% Wetness Depth to bedrock Water gathering surface Farmington 10% Depth to bedrock Nuhi, poorly drained 5% Wetness Depth to bedrock Water gathering surface
240B	Aurora-Angola silt loams, 3 to 8 percent slopes	Very limited	Aurora 60% Wetness Depth to bedrock Water gathering surface Angola 30% Wetness Depth to bedrock Water gathering surface Clay content Danley 5% Wetness Clay content Darrien 5% Wetness Water gathering surface Clay content
240C	Aurora-Angola silt loams, 8 to 15 percent slopes	Very limited	Aurora 60% Wetness Depth to bedrock Slope Water gathering surface Angola 30% Wetness Depth to bedrock Slope Water gathering surface Clay content Darrien 5% Wetness Slope Water gathering surface Clay content Danley 5% Wetness Slope Clay content

Catastrophic Mortality, Large Animal Disposal, Pit

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
240D	Aurora-Angola silt loams, 15 to 25 percent slopes	Very limited	Aurora 60% Slope Wetness Depth to bedrock Water gathering surface Angola 30% Slope Wetness Depth to bedrock Water gathering surface Clay content Darien 5% Slope Wetness Water gathering surface Clay content Danley 5% Slope Wetness Clay content
241B	Aurora silt loam, 3 to 8 percent slopes	Very limited	Aurora 85% Wetness Depth to bedrock Water gathering surface Angola 10% Wetness Depth to bedrock Water gathering surface Clay content Danley 5% Wetness Clay content
241C	Aurora silt loam, 8 to 15 percent slopes	Very limited	Aurora 85% Wetness Depth to bedrock Slope Water gathering surface Angola 8% Wetness Depth to bedrock Slope Water gathering surface Clay content Danley 7% Wetness Slope Clay content

Catastrophic Mortality, Large Animal Disposal, Pit

Aggregation Method: Dominant Condition

Tie-break Rule: Higher

Ontario County, New York

Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
241D	Aurora silt loam, 15 to 25 percent slopes	Very limited	Aurora 85% Slope Wetness Depth to bedrock Water gathering surface Danley 10% Slope Wetness Clay content Angola 5% Slope Wetness Depth to bedrock Water gathering surface Clay content
255B	Cazenovia silt loam, 3 to 8 percent slopes	Very limited	Cazenovia 85% Wetness Water gathering surface Clay content Ovid 10% Wetness Water gathering surface Clay content Cayuga 5% Wetness Clay content
255C	Cazenovia silt loam, 8 to 15 percent slopes	Very limited	Cazenovia 85% Wetness Slope Water gathering surface Clay content Cayuga 8% Wetness Slope Clay content Ovid 7% Wetness Slope Water gathering surface Clay content
255D	Cazenovia silt loam, 15 to 25 percent slopes	Very limited	Cazenovia 85% Slope Wetness Water gathering surface Clay content Cayuga 10% Slope Wetness Clay content Ovid 5% Wetness Slope Water gathering surface Clay content

Catastrophic Mortality, Large Animal Disposal, Pit

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
260B	Cayuga silt loam, 3 to 8 percent slopes	Very limited	Cayuga 85% Wetness Clay content Schoharie 10% Wetness Clay content Water gathering surface Odessa 5% Wetness Clay content Water gathering surface
260C	Cayuga silt loam, 8 to 15 percent slopes	Very limited	Cayuga 85% Wetness Slope Clay content Schoharie 10% Wetness Slope Clay content Water gathering surface Odessa 5% Wetness Clay content Water gathering surface Slope
260D	Cayuga silt loam, 15 to 25 percent slopes	Very limited	Cayuga 85% Slope Wetness Clay content Lansing 10% Slope Seepage, porous bedrock Schoharie 5% Slope Wetness Clay content Water gathering surface
304A	Kendaia loam, 0 to 3 percent slopes	Very limited	Kendaia 85% Wetness Water gathering surface Seepage, porous bedrock Lima 6% Wetness Seepage, porous bedrock Lyons 5% Wetness Water gathering surface Seepage, porous bedrock Ovid 2% Wetness Water gathering surface Clay content Churchville 2% Wetness Water gathering surface Clay content

Catastrophic Mortality, Large Animal Disposal, Pit

Aggregation Method: Dominant Condition

Tie-break Rule: Higher

Ontario County, New York

Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
304B	Kendaia loam, 3 to 8 percent slopes	Very limited	Kendaia 85% Wetness Water gathering surface Seepage, porous bedrock Lima 7% Wetness Seepage, porous bedrock Lyons 4% Wetness Water gathering surface Seepage, porous bedrock Churchville 2% Wetness Water gathering surface Clay content Ovid 2% Wetness Water gathering surface Clay content
342A	Angola silt loam, 0 to 3 percent slopes	Very limited	Angola 90% Wetness Depth to bedrock Water gathering surface Clay content Darrien 5% Wetness Water gathering surface Clay content Ilion 5% Wetness Water gathering surface Clay content
356A	Ovid silt loam, 0 to 3 percent slopes	Very limited	Ovid 85% Wetness Water gathering surface Clay content Odessa 10% Wetness Clay content Water gathering surface Lakemont 5% Wetness Water gathering surface Clay content
356B	Ovid silt loam, 3 to 8 percent slopes	Very limited	Ovid 85% Wetness Water gathering surface Clay content Odessa 10% Wetness Clay content Water gathering surface Lakemont 5% Wetness Water gathering surface Clay content

Catastrophic Mortality, Large Animal Disposal, Pit

Aggregation Method: Dominant Condition

Tie-break Rule: Higher

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Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
357B	Ovid silty clay loam, 3 to 8 percent slopes	Very limited	Ovid 85% Wetness Water gathering surface Clay content Odessa 10% Wetness Clay content Water gathering surface Lakemont 5% Wetness Water gathering surface Clay content
357C	Ovid silty clay loam, 8 to 15 percent slopes	Very limited	Ovid 85% Wetness Slope Water gathering surface Clay content Odessa 10% Wetness Clay content Water gathering surface Slope Lakemont 5% Wetness Water gathering surface Clay content
400A	Udorthents, loamy, 0 to 3 percent slopes	Very limited	Udorthents, loamy 80% Seepage Howard 5% Seepage Too sandy Palmyra 5% Seepage Too sandy Lima 5% Wetness Seepage, porous bedrock
401D	Udorthents, refuse substratum. 0 to 25 percent slopes	Not rated	Udorthents, refuse substratum 90%
PG	Pits, gravel and sand	Not rated	Pits, gravel and sand 75%
PQ	Pits, quarry	Not rated	Pits, quarry 80%
W	Water	Not rated	Water 100%

Catastrophic Mortality, Large Animal Disposal, Pit

Rating Options

Attribute Name: Catastrophic Mortality, Large Animal Disposal, Pit

DHS - Department of Homeland Security

"Catastrophic mortality, large animal disposal, pit," is a method of disposing of animals that died from disease by placing the carcasses in successive layers in an excavated trench. The carcasses are spread, compacted, and covered daily with a thin layer of soil that is excavated from the pit. When the pit is full, a final cover of soil material at least 2 feet thick is placed over the filled pit area. This interpretation is meant for instances where environmental isolation of pathogens is a primary concern. The criteria are specifically developed to prevent groundwater contamination.

The interpretation is applicable to both heavily populated and sparsely populated areas. While some general observations may be made, onsite evaluation is required before the final site is selected. Improper site selection, design, or installation may cause contamination of ground water, seepage, and contamination of stream systems from surface drainage or floodwater. The risk of contamination can be reduced or eliminated by installing systems designed to eliminate or reduce the adverse effects of limiting soil properties. Ratings are for soils in their present condition. The present land use is not considered in the ratings.

Ratings are based on properties and qualities to the depth normally observed during soil mapping (approximately 6 or 7 feet). However, because pits may be as deep as 15 feet or more, geologic investigations are needed to determine the potential for pollution of ground water and to determine the design needed. These investigations, which are generally arranged by the pit developer, include examination of stratification, rock formations, and geologic conditions that might lead to the conducting of leachates to aquifers, wells, watercourses, and other water sources. The presence of hard, nonrippable bedrock, bedrock crevices, or highly permeable strata at or directly below the proposed pit bottom is undesirable because of the difficulty in excavation and the potential pollution of underground water.

Properties that influence the risk of pollution, ease of excavation, trafficability, and revegetation are major considerations. Soils that are flooded or have a water table within the depth of excavation present a potential pollution hazard and are difficult to excavate. Slope is an important consideration because it affects the work involved in road construction, the performance of the roads, and the control of surface water around the pit. It may also cause difficulty in constructing pits in which the pit bottom must be kept level and oriented to follow the contour of the land.

The ease with which the pit is dug and with which a soil can be used as daily and final cover is based largely on soil texture and consistence, which determine workability when the soil is dry and when it is wet. Soils that are plastic and sticky when wet are difficult to excavate, grade, or compact and difficult to place as a uniformly thick cover over a layer of carcasses. The uppermost part of the final cover should be soil material that favors the growth of plants. It should not contain excess sodium or salts and should not be too acid. In comparison with other horizons, the surface layer in most soils has the best workability and the highest content of organic matter. Thus, it may be desirable to stockpile the surface layer for use in the final blanketing of the filled pit area.

The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect these uses. "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected of a properly designed and installed system. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Numerical ratings indicate the severity of the individual limitations. The ratings are shown in decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value to represent the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. The components in the map unit name represent the major soils within a map unit delineation. Minor components make up the balance of the map unit. Great differences in soil properties can occur between map unit components and within short distances. Minor components may be very different from the major components. Such differences could

Catastrophic Mortality, Large Animal Disposal, Pit

significantly affect use and management of the map unit. Minor components may or may not be documented in the database. The results of aggregation do not reflect the presence or absence of limitations of the components which are not listed in the database. An on-site investigation is required to identify the location of individual map unit components.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be generated. Aggregation must be done because, on any soil map, map units are delineated but components are not.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.