Rubble and Debris Disposal, Large-Scale Event

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	Severely limited	Fluvaquents, frequently flooded 45% Flooding Wetness Seepage, bottom layer Unstable excavation walls Sand content Udifluvents, frequently flooded 40% Flooding Wetness Unstable excavation walls Seepage, bottom layer Water gathering surface Wayland 10% Flooding Wetness Unstable excavation walls Dusty Naples Creek 5% Flooding Wetness Water gathering surface Clay content Dusty
2A	Geneseo silty clay loam, 0 to 3 percent slopes	Severely limited	Geneseo 90% Flooding Wetness Dusty Unstable excavation walls Naples Creek 10% Flooding Wetness Water gathering surface Clay content Dusty
3A	Hemlock silty clay loam, 0 to 3 percent slopes	Severely limited	Hemlock 90% Flooding Wetness Water gathering surface Dusty Unstable excavation walls Naples Creek 10% Flooding Wetness Water gathering surface Clay content Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
4A	Naples Creek silty clay loam, 0 to 3 percent slopes	Severely limited	Naples Creek 90% Flooding Wetness Water gathering surface Clay content Dusty Wayland 5% Flooding Wetness Unstable excavation walls Dusty Hemlock 5% Flooding Wetness Water gathering surface Dusty Unstable excavation walls
5A	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Severely limited	Wayland 60% Flooding Wetness Unstable excavation walls Dusty Wayland, very poorly drained 30% Ponding Flooding Wetness Water gathering surface Unstable excavation walls Wakeville 10% Flooding Wetness Water gathering surface Unstable excavation walls Dusty
12D	Rockrift channery silt loam, 15 to 25 percent slopes	Severely limited	Rockrift 85% Slope Large stones Unstable excavation walls Dusty Mongaup, very stony 10% Slope Depth to bedrock Unstable excavation walls Dusty Willdin 5% Slope Wetness Water gathering surface Unstable excavation walls Dusty
13F	Rock outcrop-Arnot complex, 25 to 70 percent slopes	Not rated	Rock outcrop 55%

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Ontario County, New York
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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
14D	Cadosia channery silt loam, 15 to 25 percent slopes	Severely limited	Cadosia 85% Slope Dusty Unstable excavation walls Lordstown, very stony 10% Slope Depth to bedrock Unstable excavation walls Dusty Mardin 5% Slope Wetness Water gathering surface Dusty Unstable excavation walls
15A	Guyanoga channery silt loam, fan, 0 to 3 percent slopes	Severely limited	Guyanoga, fan 90% Wetness Seepage, bottom layer Flooding Large stones Water gathering surface Chenango, fan 5% Wetness Seepage, bottom layer Flooding Unstable excavation walls Dusty Hemlock 5% Flooding Wetness Water gathering surface Dusty Unstable excavation walls
15B	Guyanoga channery silt loam, fan, 3 to 8 percent slopes	Severely limited	Guyanoga, fan 90% Wetness Seepage, bottom layer Flooding Large stones Water gathering surface Hemlock 5% Flooding Wetness Water gathering surface Dusty Unstable excavation walls Chenango, fan 5% Wetness Seepage, bottom layer Flooding Unstable excavation walls Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
16A	Almond channery silt loam, 0 to 3 percent slopes	Severely limited	Almond 80% Wetness Water gathering surface Unstable excavation walls Dusty Norchip 8% Wetness Water gathering surface Unstable excavation walls Dusty Ontusia 7% Wetness Water gathering surface Unstable excavation walls Dusty Gretor 5% Wetness Depth to bedrock Unstable excavation walls Dusty
16B	Almond channery silt loam, 3 to 8 percent slopes	Severely limited	Almond 80% Wetness Water gathering surface Unstable excavation walls Dusty Gretor 5% Wetness Depth to bedrock Slope Unstable excavation walls Dusty Salamanca 5% Wetness Slope Clay content Unstable excavation walls Dusty Ontusia 5% Wetness Water gathering surface Unstable excavation walls Dusty Norchip 5% Wetness Water gathering surface Unstable excavation walls Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
16C	Almond channery silt loam, 8 to 15 percent slopes	Severely limited	Almond 80% Wetness Slope Water gathering surface Unstable excavation walls Dusty Salamanca 5% Slope Wetness Water gathering surface Clay content Unstable excavation walls Norchip 5% Wetness Water gathering surface Unstable excavation walls Dusty Ontusia 5% Wetness Slope Water gathering surface Unstable excavation walls Dusty Gretor 5% Slope Wetness Depth to bedrock Unstable excavation walls Dusty
18A	Homer fine sandy loam, 0 to 3 percent slopes	Severely limited	Homer 90% Wetness Seepage, bottom layer Too sandy Water gathering surface Unstable excavation walls Phelps 5% Wetness Seepage, bottom layer Sand content Water gathering surface Dusty Fine-loamy, mixed, active, mesic Typic Argiaquolls 5% Wetness Water gathering surface Clay content Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
19A	Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Severely limited	Fine-loamy, mixed, active, mesic Typic Argiaquolls 80% Ponding Wetness Water gathering surface Clay content Dusty Homer 8% Wetness Seepage, bottom layer Too sandy Water gathering surface Unstable excavation walls Atherton 7% Wetness Seepage, bottom layer Water gathering surface Dusty Unstable excavation walls Palms, undrained 5% Ponding Wetness Organic matter content Dusty Unstable excavation walls
20A	Atherton and Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Severely limited	Atherton 41% Wetness Seepage, bottom layer Water gathering surface Dusty Unstable excavation walls Fine-loamy, mixed, active, mesic Typic Argiaquolls 39% Ponding Wetness Water gathering surface Clay content Dusty Homer 8% Wetness Seepage, bottom layer Too sandy Water gathering surface Unstable excavation walls Canandaigua 7% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Castile 5% Wetness Seepage, bottom layer Water gathering surface Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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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	Severely limited	Howard 80% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Palmyra 10% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Arkport 5% Seepage, bottom layer Sand content Unstable excavation walls Phelps 5% Wetness Seepage, bottom layer Sand content Water gathering surface Dusty
24B	Howard gravelly loam, 3 to 8 percent slopes	Severely limited	Howard 80% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Palmyra 10% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Arkport 5% Seepage, bottom layer Sand content Unstable excavation walls Phelps 5% Wetness Seepage, bottom layer Sand content Water gathering surface Dusty

Rubble and Debris Disposal, Large-Scale Event

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
24C	Howard gravelly loam, 8 to 15 percent slopes	Severely limited	Howard 80% Seepage, bottom layer Too sandy Slope Dusty Unstable excavation walls Palmyra 10% Seepage, bottom layer Too sandy Slope Dusty Unstable excavation walls Arkport 5% Seepage, bottom layer Sand content Slope Unstable excavation walls Phelps 5% Wetness Seepage, bottom layer Sand content Water gathering surface Dusty
24D	Howard soils, 15 to 25 percent slopes	Severely limited	Howard 65% Slope Seepage, bottom layer Too sandy Dusty Unstable excavation walls Palmyra 20% Slope Seepage, bottom layer Too sandy Dusty Unstable excavation walls Arkport 13% Slope Seepage, bottom layer Sand content Unstable excavation walls Phelps 2% Wetness Seepage, bottom layer Sand content Water gathering surface Dusty
25A	Chenango gravelly loam, 0 to 3 percent slopes	Severely limited	Chenango 90% Seepage, bottom layer Unstable excavation walls Dusty Castile 8% Wetness Seepage, bottom layer Water gathering surface Dusty Unstable excavation walls Valois 2% Seepage, bottom layer Unstable excavation walls Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
25B	Chenango gravelly loam, 3 to 8 percent slopes	Severely limited	Chenango 90% Seepage, bottom layer Unstable excavation walls Dusty Castile 5% Wetness Seepage, bottom layer Water gathering surface Dusty Unstable excavation walls Valois 5% Seepage, bottom layer Unstable excavation walls Dusty
25C	Chenango gravelly loam, 8 to 15 percent slopes	Severely limited	Chenango 90% Seepage, bottom layer Slope Unstable excavation walls Dusty Castile 5% Wetness Seepage, bottom layer Water gathering surface Slope Dusty Valois 5% Seepage, bottom layer Slope Unstable excavation walls Dusty
25D	Chenango gravelly loam, 15 to 25 percent slopes	Severely limited	Chenango 90% Slope Seepage, bottom layer Unstable excavation walls Dusty Castile 8% Wetness Seepage, bottom layer Slope Water gathering surface Dusty Valois 2% Slope Seepage, bottom layer Unstable excavation walls Dusty
25E	Chenango gravelly loam, 25 to 35 percent slopes	Severely limited	Chenango 90% Slope Seepage, bottom layer Unstable excavation walls Dusty Valois 10% Slope Seepage, bottom layer Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
26B	Chenango channery loam, fan, 3 to 8 percent slopes	Severely limited	Chenango, fan 85% Wetness Seepage, bottom layer Flooding Unstable excavation walls Dusty Guyanoga, fan 5% Wetness Seepage, bottom layer Flooding Large stones Water gathering surface Castile 5% Wetness Seepage, bottom layer Water gathering surface Dusty Unstable excavation walls Hemlock 5% Flooding Wetness Water gathering surface Dusty Unstable excavation walls
27B	Castile gravelly silt loam, 3 to 8 percent slopes	Severely limited	Castile 85% Wetness Seepage, bottom layer Water gathering surface Dusty Unstable excavation walls Phelps 5% Wetness Seepage, bottom layer Sand content Water gathering surface Dusty Chenango 5% Seepage, bottom layer Unstable excavation walls Dusty Homer 5% Wetness Seepage, bottom layer Too sandy Water gathering surface Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
31A	Collamer silt loam, 0 to 3 percent slopes	Severely limited	Collamer 85% Wetness Water gathering surface Dusty Unstable excavation walls Niagara 10% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Schoharie 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls
31B	Collamer silt loam, 3 to 8 percent slopes	Severely limited	Collamer 85% Wetness Water gathering surface Dusty Unstable excavation walls Niagara 10% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Schoharie 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls
31C	Collamer silt loam, 8 to 15 percent slopes	Severely limited	Collamer 85% Wetness Slope Water gathering surface Dusty Unstable excavation walls Niagara 10% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Schoharie 5% Wetness Slope Clay content Water gathering surface Dusty

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
31D	Collamer silt loam, 15 to 25 percent slopes	Severely limited	Collamer 90% Slope Wetness Water gathering surface Dusty Unstable excavation walls Schoharie 5% Slope Wetness Clay content Water gathering surface Dusty Niagara 5% Wetness Slope Water gathering surface Dusty Clay content
32A	Dunkirk fine sandy loam, 0 to 3 percent slopes	Somewhat limited	Dunkirk 90% Dusty Unstable excavation walls
32B	Dunkirk fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Dunkirk 90% Dusty Unstable excavation walls
33A	Dunkirk silt loam, 0 to 3 percent slopes	Somewhat limited	Dunkirk 90% Dusty Unstable excavation walls
33B	Dunkirk silt loam, 3 to 8 percent slopes	Somewhat limited	Dunkirk 90% Dusty Unstable excavation walls
33C	Dunkirk silt loam, 8 to 15 percent slopes	Somewhat limited	Dunkirk 90% Slope Dusty Unstable excavation walls
33D	Dunkirk silt loam, 15 to 25 percent slopes	Severely limited	Dunkirk 90% Slope Dusty Unstable excavation walls Schoharie 5% Slope Wetness Clay content Water gathering surface Dusty Arkport 5% Slope Seepage, bottom layer Sand content Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
33E	Dunkirk silt loam, 25 to 35 percent slopes	Severely limited	Dunkirk 90% Slope Dusty Unstable excavation walls Schoharie 5% Slope Wetness Clay content Water gathering surface Dusty Arkport 5% Slope Seepage, bottom layer Sand content Unstable excavation walls
34A	Lakemont silty clay loam, 0 to 3 percent slopes	Severely limited	Lakemont 85% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Odessa 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Fonda 4% Ponding Wetness Water gathering surface Clay content Dusty Canandaigua 4% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Barre 2% Wetness Water gathering surface Clay content Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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Tie-break Rule: Higher

Ontario County, New York
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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
35A	Odessa silt loam, 0 to 3 percent slopes	Severely limited	Odessa 85% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Lakemont 5% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Schoharie 5% Wetness Clay content Dusty Unstable excavation walls Churchville 3% Wetness Unstable excavation walls Water gathering surface Seepage, porous bedrock Dusty Rhinebeck 2% Wetness Clay content Water gathering surface Dusty Unstable excavation walls
35B	Odessa silty clay loam, 3 to 8 percent slopes	Severely limited	Odessa 85% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Schoharie 6% Wetness Clay content Dusty Unstable excavation walls Lakemont 4% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Churchville 3% Wetness Unstable excavation walls Water gathering surface Seepage, porous bedrock Dusty Rhinebeck 2% Wetness Clay content Water gathering surface Dusty Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
36A	Schoharie silty clay loam, 0 to 3 percent slopes	Severely limited	Schoharie 85% Wetness Clay content Dusty Unstable excavation walls Cazenovia 5% Wetness Water gathering surface Dusty Unstable excavation walls Odessa 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Cayuga 3% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Collamer 2% Wetness Water gathering surface Dusty Unstable excavation walls
36B	Schoharie silty clay loam, 3 to 8 percent slopes	Severely limited	Schoharie 85% Wetness Clay content Dusty Unstable excavation walls Cazenovia 5% Wetness Water gathering surface Dusty Unstable excavation walls Odessa 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Cayuga 3% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Collamer 2% Wetness Water gathering surface Dusty Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
36C	Schoharie silty clay loam, 8 to 15 percent slopes	Severely limited	Schoharie 85% Wetness Slope Clay content Dusty Unstable excavation walls Cazenovia 5% Wetness Slope Water gathering surface Dusty Unstable excavation walls Odessa 5% Wetness Clay content Slope Water gathering surface Dusty Cayuga 3% Wetness Slope Water gathering surface Clay content Dusty Collamer 2% Wetness Slope Water gathering surface Dusty Unstable excavation walls
36D	Schoharie silty clay loam, 15 to 25 percent slopes	Severely limited	Schoharie 85% Slope Wetness Clay content Dusty Unstable excavation walls Cazenovia 5% Slope Wetness Water gathering surface Dusty Unstable excavation walls Odessa 5% Slope Wetness Clay content Water gathering surface Dusty Cayuga 3% Slope Wetness Water gathering surface Clay content Dusty Collamer 2% Slope Wetness Water gathering surface Dusty Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
36E	Schoharie silty clay loam, 25 to 45 percent slopes	Severely limited	Schoharie 85% Slope Wetness Clay content Dusty Unstable excavation walls Odessa 5% Slope Wetness Clay content Water gathering surface Dusty Cazenovia 5% Slope Wetness Water gathering surface Dusty Unstable excavation walls Cayuga 3% Slope Wetness Water gathering surface Clay content Dusty Collamer 2% Slope Wetness Water gathering surface Dusty Unstable excavation walls
37A	Schoharie silt loam, 0 to 3 percent slopes	Severely limited	Schoharie 85% Wetness Clay content Dusty Unstable excavation walls Cazenovia 5% Wetness Water gathering surface Dusty Unstable excavation walls Odessa 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Cayuga 3% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Collamer 2% Wetness Water gathering surface Dusty Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
37B	Schoharie silt loam, 3 to 8 percent slopes	Severely limited	Schoharie 85% Wetness Clay content Dusty Unstable excavation walls Cazenovia 5% Wetness Water gathering surface Dusty Unstable excavation walls Odessa 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Cayuga 3% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Collamer 2% Wetness Water gathering surface Dusty Unstable excavation walls
38A	Niagara silt loam, 0 to 3 percent slopes	Severely limited	Niagara 85% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Canandaigua 5% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Rhinebeck 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Collamer 5% Wetness Water gathering surface Dusty Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
38B	Niagara silt loam, 3 to 8 percent slopes	Severely limited	Niagara 85% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Canandaigua 5% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Rhinebeck 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Collamer 5% Wetness Water gathering surface Dusty Unstable excavation walls
39A	Rhinebeck silty clay loam, 0 to 3 percent slopes	Severely limited	Rhinebeck 90% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Lakemont 5% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Niagara 5% Wetness Water gathering surface Dusty Clay content Unstable excavation walls
41A	Aeric Epiaquepts, 0 to 3 percent slopes	Severely limited	Aeric Epiaquepts 50% Wetness Water gathering surface Unstable excavation walls Clay content Dusty Aeric Epiaquepts 45% Wetness Water gathering surface Unstable excavation walls Clay content Dusty Elnora 5% Wetness Seepage, bottom layer Too sandy Unstable excavation walls Water gathering surface

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
43A	Canandaigua silt loam, 0 to 3 percent slopes	Severely limited	Canandaigua 90% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Canandaigua 4% Ponding Wetness Water gathering surface Dusty Clay content Lakemont 3% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Niagara 3% Wetness Water gathering surface Dusty Clay content Unstable excavation walls
44A	Canandaigua mucky silt loam, 0 to 3 percent slopes	Severely limited	Canandaigua 90% Ponding Wetness Water gathering surface Dusty Clay content Canandaigua 5% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Lakemont 3% Wetness Water gathering surface Clay content Dusty Unstable excavation walls Palms, undrained 2% Ponding Wetness Organic matter content Dusty Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
45A	Fonda mucky silt loam, 0 to 3 percent slopes	Severely limited	Fonda 95% Ponding Wetness Water gathering surface Clay content Dusty Canandaigua 3% Ponding Wetness Water gathering surface Dusty Clay content Palms, undrained 2% Ponding Wetness Organic matter content Dusty Unstable excavation walls
46A	Galen fine sandy loam, 0 to 3 percent slopes	Severely limited	Galen 90% Wetness Seepage, bottom layer Sand content Water gathering surface Unstable excavation walls Aeric Epiaquepts 5% Wetness Water gathering surface Unstable excavation walls Clay content Dusty Kendaia 5% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls
46B	Galen fine sandy loam, 3 to 8 percent slopes	Severely limited	Galen 90% Wetness Seepage, bottom layer Sand content Water gathering surface Unstable excavation walls Kendaia 5% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Aeric Epiaquepts 5% Wetness Water gathering surface Unstable excavation walls Clay content Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
48A	Arkport fine sandy loam, 0 to 3 percent slopes	Severely limited	Arkport 95% Seepage, bottom layer Sand content Unstable excavation walls Galen 2% Wetness Seepage, bottom layer Sand content Water gathering surface Unstable excavation walls
48B	Arkport fine sandy loam, 3 to 8 percent slopes	Severely limited	Arkport 95% Seepage, bottom layer Sand content Unstable excavation walls Galen 2% Wetness Seepage, bottom layer Sand content Water gathering surface Unstable excavation walls
48C	Arkport fine sandy loam, 8 to 15 percent slopes	Severely limited	Arkport 95% Seepage, bottom layer Slope Sand content Unstable excavation walls Galen 2% Wetness Seepage, bottom layer Sand content Water gathering surface Unstable excavation walls
48D	Arkport fine sandy loam, 15 to 25 percent slopes	Severely limited	Arkport 90% Slope Seepage, bottom layer Sand content Unstable excavation walls Dunkirk 8% Slope Dusty Unstable excavation walls Palmyra 2% Slope Seepage, bottom layer Too sandy Dusty Unstable excavation walls
49B	Arkport loamy fine sand, 3 to 8 percent slopes	Severely limited	Arkport 95% Seepage, bottom layer Sand content Unstable excavation walls Galen 2% Wetness Seepage, bottom layer Sand content Water gathering surface Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
49D	Arkport loamy fine sand, 15 to 25 percent slopes	Severely limited	Arkport 95% Slope Seepage, bottom layer Sand content Unstable excavation walls Dunkirk 3% Slope Dusty Unstable excavation walls Palmyra 2% Slope Seepage, bottom layer Too sandy Dusty Unstable excavation walls
49E	Arkport loamy fine sand, 25 to 35 percent slopes	Severely limited	Arkport 90% Slope Seepage, bottom layer Sand content Unstable excavation walls Dunkirk 8% Slope Dusty Unstable excavation walls Palmyra 2% Slope Seepage, bottom layer Too sandy Dusty Unstable excavation walls
49F	Arkport loamy fine sand, 35 to 55 percent slopes	Severely limited	Arkport 90% Slope Seepage, bottom layer Sand content Unstable excavation walls Dunkirk 8% Slope Dusty Unstable excavation walls Palmyra 2% Slope Seepage, bottom layer Too sandy Dusty Unstable excavation walls
50B	Dunkirk-Arkport complex, 3 to 8 percent slopes	Severely limited	Arkport 45% Seepage, bottom layer Sand content Unstable excavation walls Collamer 5% Wetness Water gathering surface Dusty Unstable excavation walls
50C	Dunkirk-Arkport complex, 8 to 15 percent slopes	Somewhat limited	Dunkirk 60% Slope Dusty Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
50D	Dunkirk-Arkport complex, 15 to 25 percent slopes	Severely limited	Dunkirk 60% Slope Dusty Unstable excavation walls Arkport 35% Slope Seepage, bottom layer Sand content Unstable excavation walls Collamer 5% Slope Wetness Water gathering surface Dusty Unstable excavation walls
53A	Lamson fine sandy loam, 0 to 3 percent slopes	Severely limited	Lamson 90% Wetness Seepage, bottom layer Water gathering surface Unstable excavation walls Lamson 5% Ponding Wetness Too sandy Unstable excavation walls Seepage, bottom layer Canandaigua 3% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Galen 2% Wetness Seepage, bottom layer Sand content Water gathering surface Unstable excavation walls
54A	Lamson mucky fine sandy loam, 0 to 3 percent slopes	Severely limited	Lamson 90% Ponding Wetness Too sandy Unstable excavation walls Seepage, bottom layer Canandaigua 5% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Lamson 5% Wetness Seepage, bottom layer Water gathering surface Unstable excavation walls

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
56A	Elnora loamy fine sand, 0 to 3 percent slopes	Severely limited	Elnora 90% Wetness Seepage, bottom layer Too sandy Unstable excavation walls Water gathering surface Aeric Epiaquepts 10% Wetness Water gathering surface Unstable excavation walls Clay content Dusty
58B	Colonie loamy fine sand, 3 to 8 percent slopes	Severely limited	Colonie 95% Seepage, bottom layer Unstable excavation walls Sand content Elnora 5% Wetness Seepage, bottom layer Too sandy Unstable excavation walls Water gathering surface
58C	Colonie loamy fine sand, 8 to 15 percent slopes	Severely limited	Colonie 95% Seepage, bottom layer Unstable excavation walls Slope Sand content Elnora 5% Wetness Seepage, bottom layer Too sandy Unstable excavation walls Water gathering surface
62B	Mardin channery silt loam, 3 to 8 percent slopes	Severely limited	Mardin 85% Wetness Unstable excavation walls Dusty Lordstown 5% Depth to bedrock Unstable excavation walls Dusty Volusia 5% Wetness Water gathering surface Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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
62C	Mardin channery silt loam, 8 to 15 percent slopes	Severely limited	Mardin 88% Wetness Slope Unstable excavation walls Dusty Bath 5% Slope Wetness Unstable excavation walls Dusty Volusia 5% Wetness Water gathering surface Unstable excavation walls Dusty Lordstown 2% Slope Depth to bedrock Unstable excavation walls Dusty
62D	Mardin channery silt loam, 15 to 25 percent slopes	Severely limited	Mardin 85% Slope Wetness Water gathering surface Unstable excavation walls Dusty Lordstown 5% Slope Depth to bedrock Unstable excavation walls Dusty Volusia 5% Wetness Slope Water gathering surface Unstable excavation walls Dusty Bath 5% Slope Wetness Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
62E	Mardin channery silt loam, 25 to 35 percent slopes	Severely limited	Mardin 80% Slope Wetness Water gathering surface Unstable excavation walls Dusty Bath 8% Slope Wetness Unstable excavation walls Dusty Lordstown, very stony 7% Slope Depth to bedrock Stoniness Large stones Unstable excavation walls Volusia 5% Slope Wetness Water gathering surface Unstable excavation walls Dusty
63B	Langford channery silt loam, 3 to 8 percent slopes	Severely limited	Langford 85% Wetness Unstable excavation walls Dusty Erie 10% Wetness Water gathering surface Unstable excavation walls Dusty Schuyler 5% Wetness Clay content Unstable excavation walls Dusty
63C	Langford channery silt loam, 8 to 15 percent slopes	Severely limited	Langford 85% Wetness Slope Unstable excavation walls Dusty Erie 5% Wetness Water gathering surface Unstable excavation walls Dusty Schuyler 5% Wetness Slope Clay content Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
63D	Langford channery silt loam, 15 to 25 percent slopes	Severely limited	Langford 80% Slope Wetness Water gathering surface Unstable excavation walls Dusty Erie 5% Wetness Slope Water gathering surface Unstable excavation walls Dusty Schuyler 5% Slope Wetness Water gathering surface Clay content Unstable excavation walls Towerville 5% Slope Wetness Depth to bedrock Unstable excavation walls Dusty Chadakoin 5% Slope Unstable excavation walls Dusty
64B	Langford-Erie channery silt loams, 3 to 8 percent slopes	Severely limited	Langford 50% Wetness Unstable excavation walls Dusty Erie 40% Wetness Water gathering surface Unstable excavation walls Dusty Chippewa 5% Wetness Water gathering surface Unstable excavation walls Dusty Fremont 5% Wetness Water gathering surface Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
66A	Lyons soils, 0 to 3 percent slopes	Severely limited	Lyons 75% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Lyons, frequently ponded 15% Ponding Wetness Water gathering surface Seepage, porous bedrock Dusty Appleton 3% Wetness Water gathering surface Dusty Unstable excavation walls Canandaigua 3% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Kendaia 2% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Palms, undrained 1% Ponding Wetness Water gathering surface Dusty Unstable excavation walls Ilion 1% Wetness Water gathering surface Clay content Dusty Unstable excavation walls
68A	Volusia channery silt loam, 0 to 3 percent slopes	Severely limited	Volusia 90% Wetness Water gathering surface Unstable excavation walls Dusty Chippewa 5% Wetness Water gathering surface Unstable excavation walls Dusty Mardin 5% Wetness Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
68B	Volusia channery silt loam, 3 to 8 percent slopes	Severely limited	Volusia 90% Wetness Water gathering surface Unstable excavation walls Dusty Chippewa 5% Wetness Water gathering surface Unstable excavation walls Dusty Mardin 5% Wetness Slope Unstable excavation walls Dusty
68C	Volusia channery silt loam, 8 to 15 percent slopes	Severely limited	Volusia 90% Wetness Slope Water gathering surface Unstable excavation walls Dusty Mardin 6% Slope Wetness Water gathering surface Unstable excavation walls Dusty Chippewa 4% Wetness Water gathering surface Unstable excavation walls Dusty
68D	Volusia channery silt loam, 15 to 25 percent slopes	Severely limited	Volusia 90% Slope Wetness Water gathering surface Unstable excavation walls Dusty Mardin 7% Slope Wetness Water gathering surface Unstable excavation walls Dusty Chippewa 3% Wetness Water gathering surface Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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
69A	Erie channery silt loam, 0 to 3 percent slopes	Severely limited	Erie 80% Wetness Water gathering surface Unstable excavation walls Dusty Chippewa 10% Wetness Water gathering surface Unstable excavation walls Dusty Fremont 5% Wetness Water gathering surface Unstable excavation walls Dusty Langford 5% Wetness Unstable excavation walls Dusty
69B	Erie channery silt loam, 3 to 8 percent slopes	Severely limited	Erie 80% Wetness Water gathering surface Unstable excavation walls Dusty Langford 10% Wetness Slope Unstable excavation walls Dusty Chippewa 5% Wetness Water gathering surface Unstable excavation walls Dusty Fremont 5% Wetness Water gathering surface Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
69C	Erie channery silt loam, 8 to 15 percent slopes	Severely limited	Erie 80% Wetness Slope Water gathering surface Unstable excavation walls Dusty Langford 10% Slope Wetness Water gathering surface Unstable excavation walls Dusty Fremont 5% Wetness Slope Water gathering surface Unstable excavation walls Dusty Chippewa 5% Wetness Water gathering surface Unstable excavation walls Dusty
71A	Darien silt loam, 0 to 3 percent slopes	Severely limited	Darien 95% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Ilion 4% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Angola 1% Wetness Depth to bedrock Water gathering surface Clay content Dusty
71B	Darien silt loam, 3 to 8 percent slopes	Severely limited	Darien 95% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Ilion 4% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Angola 1% Wetness Depth to bedrock Water gathering surface Clay content Dusty

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
71C	Darien silt loam, 8 to 15 percent slopes	Severely limited	Darien 95% Wetness Slope Water gathering surface Dusty Clay content Ilion 4% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Angola 1% Wetness Depth to bedrock Water gathering surface Slope Clay content
72A	Darien-Ilion silt loams, 0 to 3 percent slopes	Severely limited	Darien 68% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Ilion 27% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Angola 5% Wetness Depth to bedrock Water gathering surface Clay content Dusty
72B	Darien-Ilion silt loams, 3 to 8 percent slopes	Severely limited	Darien 68% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Ilion 27% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Angola 5% Wetness Depth to bedrock Water gathering surface Clay content Dusty

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
73B	Gretor silt loam, 3 to 8 percent slopes	Severely limited	Gretor 95% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty Gretor, poorly drained 5% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty
73C	Gretor silt loam, 8 to 15 percent slopes	Severely limited	Gretor 95% Wetness Depth to bedrock Slope Water gathering surface Unstable excavation walls Gretor, poorly drained 5% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty
73D	Gretor channery silt loam, 15 to 25 percent slopes	Severely limited	Gretor 90% Slope Wetness Depth to bedrock Water gathering surface Unstable excavation walls Mongaup, very stony 8% Slope Depth to bedrock Unstable excavation walls Dusty Gretor, poorly drained 2% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty
76B	Orpark silt loam, 3 to 8 percent slopes	Severely limited	Orpark 95% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls Orpark, poorly drained 5% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
76C	Orpark silt loam, 8 to 15 percent slopes	Severely limited	Orpark 95% Wetness Depth to bedrock Slope Water gathering surface Dusty Orpark, poorly drained 5% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls
76D	Orpark channery silt loam, 15 to 25 percent slopes	Severely limited	Orpark 90% Slope Wetness Depth to bedrock Water gathering surface Dusty Orpark, poorly drained 5% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls Lordstown, very stony 5% Slope Depth to bedrock Unstable excavation walls Dusty
77A	Chippewa silt loam, 0 to 3 percent slopes	Severely limited	Chippewa 85% Wetness Water gathering surface Unstable excavation walls Dusty Chippewa, very poorly drained 10% Ponding Wetness Water gathering surface Unstable excavation walls Dusty Volusia 5% Wetness Water gathering surface Unstable excavation walls Dusty

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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
77B	Chippewa silt loam, 3 to 8 percent slopes	Severely limited	Chippewa 85% Wetness Water gathering surface Unstable excavation walls Dusty Volusia 10% Wetness Slope Water gathering surface Unstable excavation walls Dusty Chippewa, very poorly drained 5% Ponding Wetness Water gathering surface Unstable excavation walls Dusty
82B	Manlius channery silt loam, 3 to 8 percent slopes	Severely limited	Manlius 95% Depth to bedrock Seepage, bottom layer Large stones Unstable excavation walls Dusty Gretor 5% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty
82C	Manlius channery silt loam, 8 to 15 percent slopes	Severely limited	Manlius 95% Depth to bedrock Seepage, bottom layer Slope Large stones Unstable excavation walls Gretor 5% Wetness Depth to bedrock Slope Water gathering surface Unstable excavation walls
82D	Manlius channery silt loam, 15 to 25 percent slopes	Severely limited	Manlius 95% Slope Depth to bedrock Seepage, bottom layer Large stones Unstable excavation walls Arnot, very stony 4% Slope Depth to bedrock Large stones Unstable excavation walls Dusty Gretor 1% Slope Wetness Depth to bedrock Water gathering surface Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
91A	Palms muck, 0 to 3 percent slopes	Severely limited	Palms, undrained 55% Ponding Wetness Organic matter content Dusty Unstable excavation walls Palms, drained 40% Wetness Organic matter content Dusty Unstable excavation walls Canandaigua 5% Ponding Wetness Water gathering surface Dusty Clay content
92A	Carlisle muck, 0 to 3 percent slopes	Severely limited	Carlisle, undrained 45% Ponding Wetness Organic matter content Seepage, bottom layer Water gathering surface Carlisle, drained 40% Wetness Organic matter content Seepage, bottom layer Water gathering surface Dusty Palms, undrained 10% Ponding Wetness Organic matter content Dusty Unstable excavation walls Canandaigua 5% Ponding Wetness Water gathering surface Dusty Clay content

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
93A	Edwards muck, 0 to 3 percent slopes	Severely limited	Edwards, undrained 50% Ponding Wetness Water gathering surface Dusty Unstable excavation walls Edwards, drained 35% Wetness Water gathering surface Dusty Unstable excavation walls Martisco, undrained 10% Ponding Wetness Water gathering surface Dusty Unstable excavation walls Canandaigua 5% Ponding Wetness Water gathering surface Dusty Clay content
94A	Martisco muck, 0 to 3 percent slopes	Severely limited	Martisco, undrained 55% Ponding Wetness Water gathering surface Dusty Unstable excavation walls Martisco, drained 35% Wetness Water gathering surface Dusty Unstable excavation walls Canandaigua 5% Ponding Wetness Water gathering surface Dusty Clay content Palms, drained 5% Wetness Organic matter content Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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	Severely limited	Saprists, inundated 85% Ponding Wetness Organic matter content Seepage, bottom layer Water gathering surface Palms, undrained 5% Ponding Wetness Organic matter content Dusty Unstable excavation walls Fluvaquents, frequently flooded 5% Flooding Wetness Seepage, bottom layer Unstable excavation walls Sand content Carlisle, undrained 5% Ponding Wetness Organic matter content Seepage, bottom layer Water gathering surface
101A	Honeoye loam, 0 to 3 percent slopes	Somewhat limited	Honeoye 85% Seepage, porous bedrock Unstable excavation walls Dusty Lansing 4% Seepage, porous bedrock Dusty Unstable excavation walls
101B	Honeoye loam, 3 to 8 percent slopes	Somewhat limited	Honeoye 85% Seepage, porous bedrock Unstable excavation walls Dusty Lansing 4% Seepage, porous bedrock Dusty Unstable excavation walls
101C	Honeoye loam, 8 to 15 percent slopes	Somewhat limited	Honeoye 85% Slope Seepage, porous bedrock Unstable excavation walls Dusty Lansing 4% Slope Seepage, porous bedrock Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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	Severely limited	Honeoye 85% Slope Seepage, porous bedrock Unstable excavation walls Dusty Lima 5% Wetness Slope Seepage, porous bedrock Unstable excavation walls Dusty Lansing 4% Slope Seepage, porous bedrock Dusty Unstable excavation walls Kendaia 4% Wetness Slope Water gathering surface Seepage, porous bedrock Dusty Wassaic 2% Slope Depth to bedrock Dusty Unstable excavation walls
101E	Honeoye loam, 25 to 35 percent slopes	Severely limited	Honeoye 85% Slope Seepage, porous bedrock Unstable excavation walls Dusty Lima 5% Wetness Slope Seepage, porous bedrock Unstable excavation walls Dusty Kendaia 4% Wetness Slope Water gathering surface Seepage, porous bedrock Dusty Lansing 4% Slope Seepage, porous bedrock Dusty Unstable excavation walls Wassaic 2% Slope Depth to bedrock Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
104A	Honeoye loam, 0 to 3 percent slopes, lower clay surface	Somewhat limited	Honeoye, lower clay surface 85% Seepage, porous bedrock Unstable excavation walls Dusty Lansing 4% Seepage, porous bedrock Dusty Unstable excavation walls
104B	Honeoye loam, 3 to 8 percent slopes, lower clay surface	Somewhat limited	Honeoye, lower clay surface 85% Seepage, porous bedrock Unstable excavation walls Dusty Lansing 4% Seepage, porous bedrock Dusty Unstable excavation walls
104C	Honeoye loam, 8 to 15 percent slopes, lower clay surface	Somewhat limited	Honeoye, lower clay surface 85% Slope Seepage, porous bedrock Unstable excavation walls Dusty Lansing 4% Slope Seepage, porous bedrock Dusty Unstable excavation walls
106B	Danley-Lansing complex, 3 to 8 percent slopes	Severely limited	Danley 50% Wetness Dusty Clay content Unstable excavation walls Conesus 2% Wetness Seepage, porous bedrock Dusty Unstable excavation walls Kendaia 1% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Palatine 1% Depth to bedrock Dusty Unstable excavation walls Appleton 1% Wetness Water gathering surface Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
107B	Conesus-Lansing complex, 3 to 8 percent slopes	Severely limited	Conesus 50% Wetness Seepage, porous bedrock Dusty Unstable excavation walls Kendaia 2% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Appleton 1% Wetness Water gathering surface Dusty Unstable excavation walls Danley 1% Wetness Dusty Clay content Unstable excavation walls Palatine 1% Depth to bedrock Dusty Unstable excavation walls
108C	Lansing loam, 8 to 15 percent slopes	Somewhat limited	Lansing 85% Slope Seepage, porous bedrock Dusty Unstable excavation walls
108D	Lansing loam, 15 to 25 percent slopes	Severely limited	Lansing 85% Slope Seepage, porous bedrock Dusty Unstable excavation walls Conesus 9% Slope Wetness Seepage, porous bedrock Dusty Unstable excavation walls Wassaic 3% Slope Depth to bedrock Dusty Unstable excavation walls Kendaia 2% Wetness Water gathering surface Seepage, porous bedrock Slope Dusty Appleton 1% Wetness Water gathering surface Slope Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
108E	Lansing loam, 25 to 35 percent slopes	Severely limited	Lansing 85% Slope Seepage, porous bedrock Dusty Unstable excavation walls Cazenovia 10% Slope Wetness Water gathering surface Dusty Unstable excavation walls Aurora 5% Slope Wetness Depth to bedrock Water gathering surface Dusty
112B	Ontario fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Ontario 85% Seepage, porous bedrock Unstable excavation walls Dusty Honeoye 5% Seepage, porous bedrock Unstable excavation walls Dusty
112C	Ontario fine sandy loam, 8 to 15 percent slopes	Somewhat limited	Ontario 85% Slope Seepage, porous bedrock Unstable excavation walls Dusty Honeoye 5% Slope Seepage, porous bedrock Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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	Severely limited	Ontario 85% Slope Seepage, porous bedrock Unstable excavation walls Dusty Cazenovia 5% Slope Wetness Water gathering surface Dusty Unstable excavation walls Honeoye 5% Slope Seepage, porous bedrock Unstable excavation walls Dusty Hilton 3% Wetness Slope Seepage, porous bedrock Water gathering surface Unstable excavation walls Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock Unstable excavation walls
112E	Ontario fine sandy loam, 25 to 35 percent slopes	Severely limited	Ontario 85% Slope Seepage, porous bedrock Unstable excavation walls Dusty Cazenovia 5% Slope Wetness Water gathering surface Dusty Unstable excavation walls Honeoye 5% Slope Seepage, porous bedrock Unstable excavation walls Dusty Hilton 3% Wetness Slope Seepage, porous bedrock Water gathering surface Unstable excavation walls Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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

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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
116C	Ontario loam, 8 to 15 percent slopes	Somewhat limited	Ontario 85% Slope Seepage, porous bedrock Unstable excavation walls Dusty Honeoye 5% Slope Seepage, porous bedrock Unstable excavation walls Dusty
116D	Ontario loam, 15 to 25 percent slopes	Severely limited	Ontario 85% Slope Seepage, porous bedrock Unstable excavation walls Dusty Cazenovia 5% Slope Wetness Water gathering surface Dusty Unstable excavation walls Honeoye 5% Slope Seepage, porous bedrock Unstable excavation walls Dusty Hilton 3% Wetness Slope Seepage, porous bedrock Water gathering surface Unstable excavation walls Appleton 2% Wetness Slope Water gathering surface Seepage, porous bedrock Unstable excavation walls
118F	Ontario, Honeoye, and Lansing soils, 35 to 55 percent slopes	Severely limited	Ontario 40% Slope Seepage, porous bedrock Unstable excavation walls Dusty Honeoye 35% Slope Seepage, porous bedrock Unstable excavation walls Dusty Lansing 20% Slope Seepage, porous bedrock Dusty Unstable excavation walls Aurora 5% Slope Wetness Depth to bedrock Water gathering surface Dusty

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
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	Severely limited	Palmyra 55% Slope Seepage, bottom layer Too sandy Dusty Unstable excavation walls Howard 40% Slope Seepage, bottom layer Too sandy Dusty Unstable excavation walls Colonie 5% Slope Seepage, bottom layer Unstable excavation walls Sand content
122A	Palmyra cobbly loam, 0 to 3 percent slopes	Severely limited	Palmyra 95% Seepage, bottom layer Sand content Dusty Unstable excavation walls
122B	Palmyra cobbly loam, 3 to 8 percent slopes	Severely limited	Palmyra 95% Seepage, bottom layer Sand content Dusty Unstable excavation walls
124A	Palmyra fine sandy loam, 0 to 3 percent slopes	Severely limited	Palmyra 90% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Howard 10% Seepage, bottom layer Too sandy Dusty Unstable excavation walls
124B	Palmyra fine sandy loam, 3 to 8 percent slopes	Severely limited	Palmyra 90% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Howard 10% Seepage, bottom layer Too sandy Dusty Unstable excavation walls
126A	Palmyra gravelly loam, 0 to 3 percent slopes	Severely limited	Palmyra 95% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Arkport 5% Seepage, bottom layer Sand content Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
126B	Palmyra gravelly loam, 3 to 8 percent slopes	Severely limited	Palmyra 95% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Arkport 5% Seepage, bottom layer Sand content Unstable excavation walls
126C	Palmyra gravelly loam, 8 to 15 percent slopes	Severely limited	Palmyra 90% Seepage, bottom layer Too sandy Slope Dusty Unstable excavation walls Arkport 10% Seepage, bottom layer Slope Sand content Unstable excavation walls
126D	Palmyra gravelly loam, 15 to 25 percent slopes	Severely limited	Palmyra 90% Slope Seepage, bottom layer Too sandy Dusty Unstable excavation walls Arkport 10% Slope Seepage, bottom layer Sand content Unstable excavation walls
128A	Palmyra gravelly sandy loam, 0 to 3 percent slopes	Severely limited	Palmyra 90% Seepage, bottom layer Too sandy Unstable excavation walls Dusty Arkport 10% Seepage, bottom layer Sand content Unstable excavation walls
128B	Palmyra gravelly sandy loam, 3 to 8 percent slopes	Severely limited	Palmyra 90% Seepage, bottom layer Too sandy Unstable excavation walls Dusty Arkport 10% Seepage, bottom layer Sand content Unstable excavation walls
128C	Palmyra gravelly sandy loam, 8 to 15 percent slopes	Severely limited	Palmyra 90% Seepage, bottom layer Too sandy Slope Unstable excavation walls Dusty Arkport 10% Seepage, bottom layer Slope Sand content Unstable excavation walls

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
130A	Farmington loam, 0 to 3 percent slopes	Severely limited	Farmington 90% Depth to bedrock Dusty Unstable excavation walls Galoo 5% Depth to bedrock Dusty Unstable excavation walls Nuhi 5% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls
130B	Farmington loam, 3 to 8 percent slopes	Severely limited	Farmington 90% Depth to bedrock Dusty Unstable excavation walls Galoo 5% Depth to bedrock Dusty Unstable excavation walls Nuhi 5% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls
132A	Galoo loam, 0 to 3 percent slopes, rocky	Severely limited	Galoo 95% Depth to bedrock Rock outcrop Dusty Unstable excavation walls Nuhi 4% Wetness Depth to bedrock Rock outcrop Water gathering surface Dusty
132B	Galoo loam, 3 to 8 percent slopes, rocky	Severely limited	Galoo 95% Depth to bedrock Rock outcrop Dusty Unstable excavation walls Nuhi 4% Wetness Depth to bedrock Rock outcrop Water gathering surface Dusty

Rubble and Debris Disposal, Large-Scale Event

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
134A	Camillus silt loam, 0 to 3 percent slopes	Severely limited	Camillus 95% Depth to bedrock Seepage, bottom layer Water gathering surface Dusty Unstable excavation walls Angola 5% Wetness Depth to bedrock Water gathering surface Clay content Dusty
134B	Camillus silt loam, 3 to 8 percent slopes	Severely limited	Camillus 95% Depth to bedrock Seepage, bottom layer Water gathering surface Dusty Unstable excavation walls Angola 5% Wetness Depth to bedrock Water gathering surface Clay content Dusty
151C	Willdin-Norchip complex, 3 to 15 percent slopes	Severely limited	Willdin 60% Wetness Unstable excavation walls Dusty Norchip 38% Wetness Water gathering surface Unstable excavation walls Dusty Palms, undrained 2% Ponding Wetness Organic matter content Unstable excavation walls Dusty
152B	Valois gravelly loam, 3 to 8 percent slopes	Severely limited	Valois 85% Seepage, bottom layer Unstable excavation walls Dusty Volusia 5% Wetness Water gathering surface Unstable excavation walls Dusty Mardin 5% Wetness Water gathering surface Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
152C	Valois gravelly loam, 8 to 15 percent slopes	Severely limited	Valois 85% Seepage, bottom layer Slope Unstable excavation walls Dusty Mardin 5% Wetness Slope Water gathering surface Dusty Unstable excavation walls Volusia 5% Wetness Water gathering surface Unstable excavation walls Dusty
152D	Valois gravelly loam, 15 to 25 percent slopes	Severely limited	Valois 85% Slope Seepage, bottom layer Unstable excavation walls Dusty Cadosia 6% Slope Dusty Unstable excavation walls Mardin 6% Slope Wetness Water gathering surface Dusty Unstable excavation walls Volusia 3% Wetness Slope Water gathering surface Unstable excavation walls Dusty
152E	Valois gravelly loam, 25 to 35 percent slopes	Severely limited	Valois 85% Slope Seepage, bottom layer Unstable excavation walls Dusty Cadosia 6% Slope Dusty Unstable excavation walls Mardin 6% Slope Wetness Water gathering surface Dusty Unstable excavation walls Towerville, extremely stony 3% Slope Wetness Depth to bedrock Unstable excavation walls Large stones

Rubble and Debris Disposal, Large-Scale Event

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
153B	Valois gravelly loam, cool, 3 to 8 percent slopes	Severely limited	Valois, cool 85% Seepage, bottom layer Unstable excavation walls Dusty Ontusia 5% Wetness Water gathering surface Unstable excavation walls Dusty Willdin 5% Wetness Water gathering surface Unstable excavation walls Dusty
153C	Valois gravelly loam, cool, 8 to 15 percent slopes	Severely limited	Valois, cool 85% Seepage, bottom layer Slope Unstable excavation walls Dusty Ontusia 5% Wetness Water gathering surface Unstable excavation walls Dusty Willdin 5% Wetness Slope Water gathering surface Unstable excavation walls Dusty
153D	Valois gravelly loam, cool, 15 to 25 percent slopes	Severely limited	Valois, cool 85% Slope Seepage, bottom layer Unstable excavation walls Dusty Rockrift 6% Slope Large stones Unstable excavation walls Dusty Willdin 6% Slope Wetness Water gathering surface Unstable excavation walls Dusty Ontusia 3% Wetness Slope Water gathering surface Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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
153E	Valois gravelly loam, cool, 25 to 35 percent slopes	Severely limited	Valois, cool 85% Slope Seepage, bottom layer Unstable excavation walls Dusty Rockrift 6% Slope Large stones Unstable excavation walls Dusty Willdin 6% Slope Wetness Water gathering surface Unstable excavation walls Dusty Ischua 3% Slope Wetness Depth to bedrock Water gathering surface Unstable excavation walls
162B	Willdin channery silt loam, 3 to 8 percent slopes	Severely limited	Willdin 85% Wetness Unstable excavation walls Dusty Middlebrook 5% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty Ontusia 5% Wetness Water gathering surface Unstable excavation walls Dusty
162C	Willdin channery silt loam, 8 to 15 percent slopes	Severely limited	Willdin 85% Wetness Slope Unstable excavation walls Dusty Ontusia 6% Wetness Water gathering surface Unstable excavation walls Dusty Lewbath 6% Slope Wetness Unstable excavation walls Dusty Middlebrook 3% Wetness Depth to bedrock Slope Water gathering surface Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
162D	Willdin channery silt loam, 15 to 25 percent slopes	Severely limited	Willdin 80% Slope Wetness Water gathering surface Unstable excavation walls Dusty Lewbath 10% Slope Wetness Unstable excavation walls Dusty Mongaup 5% Slope Depth to bedrock Seepage, bottom layer Large stones Unstable excavation walls Ontusia 5% Wetness Slope Water gathering surface Unstable excavation walls Dusty
168A	Ontusia channery silt loam, 0 to 3 percent slopes	Severely limited	Ontusia 88% Wetness Water gathering surface Unstable excavation walls Dusty Willdin 5% Wetness Unstable excavation walls Dusty Norchip 5% Wetness Water gathering surface Unstable excavation walls Dusty Gretor 2% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty
168B	Ontusia channery silt loam, 3 to 8 percent slopes	Severely limited	Ontusia 90% Wetness Water gathering surface Unstable excavation walls Dusty Norchip 5% Wetness Water gathering surface Unstable excavation walls Dusty Willdin 5% Wetness Slope Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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
168C	Ontusia channery silt loam, 8 to 15 percent slopes	Severely limited	Ontusia 90% Wetness Slope Water gathering surface Unstable excavation walls Dusty Norchip 5% Wetness Water gathering surface Unstable excavation walls Dusty Willdin 5% Slope Wetness Water gathering surface Unstable excavation walls Dusty
168D	Ontusia channery silt loam, 15 to 25 percent slopes	Severely limited	Ontusia 90% Slope Wetness Water gathering surface Unstable excavation walls Dusty Willdin 7% Slope Wetness Water gathering surface Unstable excavation walls Dusty Norchip 3% Wetness Water gathering surface Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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
171C	Lordstown-Manlius-Towerville complex, 8 to 15 percent slopes, very stony	Severely limited	Lordstown, very stony 40% Depth to bedrock Slope Unstable excavation walls Dusty Towerville, very stony 20% Wetness Depth to bedrock Unstable excavation walls Slope Large stones Manlius, very stony 20% Depth to bedrock Seepage, bottom layer Slope Unstable excavation walls Large stones Mardin, very stony 5% Wetness Slope Unstable excavation walls Dusty Arnot, very stony 5% Depth to bedrock Slope Large stones Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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
171D	Lordstown-Manlius-Towerville complex, 15 to 25 percent slopes, very stony	Severely limited	Lordstown, very stony 40% Slope Depth to bedrock Unstable excavation walls Dusty Manlius, very stony 20% Slope Depth to bedrock Seepage, bottom layer Unstable excavation walls Large stones Towerville, very stony 20% Slope Wetness Depth to bedrock Unstable excavation walls Large stones Cadosia, very stony 10% Slope Water gathering surface Large stones Unstable excavation walls Dusty Arnot, very stony 5% Slope Depth to bedrock Large stones Unstable excavation walls Dusty Mardin 5% Wetness Slope Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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
171E	Lordstown-Manlius-Towerville complex, 25 to 35 percent slopes, extremely stony	Severely limited	Lordstown, extremely stony 40% Slope Depth to bedrock Unstable excavation walls Dusty Towerville, extremely stony 20% Slope Wetness Depth to bedrock Unstable excavation walls Large stones Manlius, extremely stony 20% Slope Depth to bedrock Seepage, bottom layer Unstable excavation walls Large stones Cadosia, extremely stony 10% Slope Water gathering surface Large stones Unstable excavation walls Dusty Arnot, very stony 5% Slope Depth to bedrock Large stones Unstable excavation walls Dusty Mardin, extremely stony 5% Slope Wetness Water gathering surface Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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
171F	Lordstown-Manlius-Towerville complex, 35 to 80 percent slopes, extremely stony	Severely limited	Lordstown, extremely stony 40% Slope Depth to bedrock Unstable excavation walls Dusty Towerville, extremely stony 20% Slope Wetness Depth to bedrock Unstable excavation walls Large stones Manlius, extremely stony 20% Slope Depth to bedrock Seepage, bottom layer Unstable excavation walls Large stones Arnot, extremely stony 10% Slope Depth to bedrock Large stones Unstable excavation walls Dusty Cadosia, extremely stony 10% Slope Water gathering surface Large stones Unstable excavation walls Dusty
177A	Norchip silt loam, 0 to 3 percent slopes	Severely limited	Norchip 85% Wetness Water gathering surface Unstable excavation walls Dusty Norchip, very poorly drained 10% Ponding Wetness Water gathering surface Unstable excavation walls Dusty Ontusia 5% Wetness Water gathering surface Unstable excavation walls Dusty

Rubble and Debris Disposal, Large-Scale Event

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
177B	Norchip silt loam, 3 to 8 percent slopes	Severely limited	Norchip 85% Wetness Water gathering surface Unstable excavation walls Dusty Norchip, very poorly drained 10% Ponding Wetness Water gathering surface Unstable excavation walls Dusty Ontusia 5% Wetness Slope Water gathering surface Unstable excavation walls Dusty
181B	Mongaup-Ischua complex, 3 to 8 percent slopes	Severely limited	Mongaup 45% Depth to bedrock Unstable excavation walls Dusty Ischua 40% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty Willdin 3% Wetness Water gathering surface Unstable excavation walls Dusty Gretor 2% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty
181C	Mongaup-Ischua complex, 8 to 15 percent slopes	Severely limited	Mongaup 45% Depth to bedrock Slope Unstable excavation walls Dusty Ischua 40% Wetness Depth to bedrock Slope Water gathering surface Unstable excavation walls Willdin 3% Wetness Slope Water gathering surface Unstable excavation walls Dusty Gretor 2% Wetness Depth to bedrock Slope Water gathering surface Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
181D	Mongaup-Ischua complex, 15 to 25 percent slopes, very stony	Severely limited	Mongaup, very stony 45% Slope Depth to bedrock Unstable excavation walls Dusty Ischua, very stony 40% Slope Wetness Depth to bedrock Water gathering surface Unstable excavation walls Rockrift 10% Slope Large stones Unstable excavation walls Dusty Willdin 3% Slope Wetness Water gathering surface Unstable excavation walls Dusty Gretor 2% Slope Wetness Depth to bedrock Water gathering surface Unstable excavation walls
181E	Mongaup-Ischua complex, 25 to 35 percent slopes, extremely stony	Severely limited	Mongaup, extremely stony 45% Slope Depth to bedrock Unstable excavation walls Dusty Ischua, extremely stony 40% Slope Wetness Depth to bedrock Water gathering surface Unstable excavation walls Rockrift 10% Slope Large stones Unstable excavation walls Dusty Willdin 3% Slope Wetness Water gathering surface Unstable excavation walls Dusty Gretor 2% Slope Wetness Depth to bedrock Water gathering surface Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
182B	Mongaup channery loam, 3 to 8 percent slopes	Severely limited	Mongaup 75% Depth to bedrock Unstable excavation walls Dusty Willdin 8% Wetness Water gathering surface Unstable excavation walls Dusty Ischua 5% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty Gretor 2% Wetness Depth to bedrock Water gathering surface Unstable excavation walls Dusty
182C	Mongaup channery loam, 8 to 15 percent slopes	Severely limited	Mongaup 75% Depth to bedrock Slope Unstable excavation walls Dusty Willdin 8% Wetness Slope Water gathering surface Unstable excavation walls Dusty Ischua 5% Wetness Depth to bedrock Slope Water gathering surface Unstable excavation walls Gretor 2% Wetness Depth to bedrock Slope Water gathering surface Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
201A	Lima loam, 0 to 3 percent slopes	Severely limited	Lima 85% Wetness Seepage, porous bedrock Unstable excavation walls Dusty Kendaia 3% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Appleton 3% Wetness Water gathering surface Seepage, porous bedrock Unstable excavation walls Dusty Cazenovia 2% Wetness Water gathering surface Dusty Unstable excavation walls Lyons 2% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls
201B	Lima loam, 3 to 8 percent slopes	Severely limited	Lima 85% Wetness Seepage, porous bedrock Unstable excavation walls Dusty Kendaia 3% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Appleton 3% Wetness Water gathering surface Seepage, porous bedrock Unstable excavation walls Dusty Cazenovia 2% Wetness Water gathering surface Dusty Unstable excavation walls Lyons 1% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
201C	Lima loam, 8 to 15 percent slopes	Severely limited	Lima 85% Wetness Slope Seepage, porous bedrock Unstable excavation walls Dusty Appleton 3% Wetness Slope Water gathering surface Seepage, porous bedrock Unstable excavation walls Kendaia 3% Wetness Slope Water gathering surface Seepage, porous bedrock Dusty Cazenovia 2% Wetness Slope Water gathering surface Dusty Unstable excavation walls
204A	Lima loam, 0 to 3 percent slopes, lower clay surface	Severely limited	Lima 85% Wetness Seepage, porous bedrock Unstable excavation walls Dusty Appleton 3% Wetness Water gathering surface Seepage, porous bedrock Unstable excavation walls Dusty Kendaia 3% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Lyons 2% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Cazenovia 2% Wetness Water gathering surface Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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

Rubble and Debris Disposal, Large-Scale Event

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
210B	Phelps gravelly silt loam, 3 to 8 percent slopes	Severely limited	Phelps 85% Wetness Seepage, bottom layer Sand content Water gathering surface Dusty Galen 10% Wetness Seepage, bottom layer Sand content Water gathering surface Unstable excavation walls Homer 5% Wetness Seepage, bottom layer Too sandy Water gathering surface Unstable excavation walls
212A	Nuhi silt loam, 0 to 3 percent slopes	Severely limited	Nuhi 85% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls Farmington 10% Depth to bedrock Dusty Unstable excavation walls Nuhi, poorly drained 5% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls
240B	Aurora-Angola silt loams, 3 to 8 percent slopes	Severely limited	Aurora 60% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls Angola 30% Wetness Depth to bedrock Water gathering surface Clay content Dusty Danley 5% Wetness Dusty Clay content Unstable excavation walls Darien 5% Wetness Water gathering surface Dusty Clay content Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
240C	Aurora-Angola silt loams, 8 to 15 percent slopes	Severely limited	Aurora 60% Wetness Depth to bedrock Slope Water gathering surface Dusty Angola 30% Wetness Depth to bedrock Water gathering surface Slope Clay content Darien 5% Wetness Slope Water gathering surface Dusty Clay content Danley 5% Wetness Slope Dusty Clay content Unstable excavation walls
240D	Aurora-Angola silt loams, 15 to 25 percent slopes	Severely limited	Aurora 60% Slope Wetness Depth to bedrock Water gathering surface Dusty Angola 30% Slope Wetness Depth to bedrock Water gathering surface Clay content Darien 5% Slope Wetness Water gathering surface Dusty Clay content Danley 5% Slope Wetness Dusty Clay content Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
241B	Aurora silt loam, 3 to 8 percent slopes	Severely limited	Aurora 85% Wetness Depth to bedrock Water gathering surface Dusty Unstable excavation walls Angola 10% Wetness Depth to bedrock Water gathering surface Clay content Dusty Danley 5% Wetness Dusty Clay content Unstable excavation walls
241C	Aurora silt loam, 8 to 15 percent slopes	Severely limited	Aurora 85% Wetness Depth to bedrock Slope Water gathering surface Dusty Angola 8% Wetness Depth to bedrock Slope Water gathering surface Clay content Danley 7% Wetness Slope Dusty Clay content Unstable excavation walls
241D	Aurora silt loam, 15 to 25 percent slopes	Severely limited	Aurora 85% Slope Wetness Depth to bedrock Water gathering surface Dusty Danley 10% Slope Wetness Dusty Clay content Unstable excavation walls Angola 5% Slope Wetness Depth to bedrock Water gathering surface Clay content

Rubble and Debris Disposal, Large-Scale Event

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
255B	Cazenovia silt loam, 3 to 8 percent slopes	Severely limited	Cazenovia 85% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Ovid 10% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Cayuga 5% Wetness Clay content Dusty Unstable excavation walls
255C	Cazenovia silt loam, 8 to 15 percent slopes	Severely limited	Cazenovia 85% Wetness Slope Water gathering surface Dusty Clay content Cayuga 8% Wetness Slope Clay content Dusty Unstable excavation walls Ovid 7% Wetness Slope Water gathering surface Dusty Unstable excavation walls
255D	Cazenovia silt loam, 15 to 25 percent slopes	Severely limited	Cazenovia 85% Slope Wetness Water gathering surface Dusty Clay content Cayuga 10% Slope Wetness Clay content Dusty Unstable excavation walls Ovid 5% Wetness Water gathering surface Slope Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
260B	Cayuga silt loam, 3 to 8 percent slopes	Severely limited	Cayuga 85% Wetness Clay content Dusty Unstable excavation walls Schoharie 10% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Odessa 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls
260C	Cayuga silt loam, 8 to 15 percent slopes	Severely limited	Cayuga 85% Wetness Clay content Slope Dusty Unstable excavation walls Schoharie 10% Wetness Clay content Water gathering surface Slope Dusty Odessa 5% Wetness Clay content Water gathering surface Dusty Unstable excavation walls
260D	Cayuga silt loam, 15 to 25 percent slopes	Severely limited	Cayuga 85% Slope Wetness Clay content Dusty Unstable excavation walls Lansing 10% Slope Seepage, porous bedrock Dusty Unstable excavation walls Schoharie 5% Slope Wetness Clay content Water gathering surface Dusty

Rubble and Debris Disposal, Large-Scale Event

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
304A	Kendaia loam, 0 to 3 percent slopes	Severely limited	Kendaia 85% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Lima 6% Wetness Seepage, porous bedrock Unstable excavation walls Dusty Lyons 5% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Ovid 2% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Churchville 2% Wetness Water gathering surface Dusty Unstable excavation walls Clay content
304B	Kendaia loam, 3 to 8 percent slopes	Severely limited	Kendaia 85% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Lima 7% Wetness Seepage, porous bedrock Unstable excavation walls Dusty Lyons 4% Wetness Water gathering surface Seepage, porous bedrock Dusty Unstable excavation walls Churchville 2% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Ovid 2% Wetness Water gathering surface Dusty Unstable excavation walls Clay content

Rubble and Debris Disposal, Large-Scale Event

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
342A	Angola silt loam, 0 to 3 percent slopes	Severely limited	Angola 90% Wetness Depth to bedrock Water gathering surface Clay content Dusty Darien 5% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Ilion 5% Wetness Water gathering surface Dusty Unstable excavation walls Clay content
356A	Ovid silt loam, 0 to 3 percent slopes	Severely limited	Ovid 85% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Odessa 10% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Lakemont 5% Wetness Water gathering surface Clay content Dusty Unstable excavation walls
356B	Ovid silt loam, 3 to 8 percent slopes	Severely limited	Ovid 85% Wetness Water gathering surface Dusty Unstable excavation walls Clay content Odessa 10% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Lakemont 5% Wetness Water gathering surface Clay content Dusty Unstable excavation walls

Rubble and Debris Disposal, Large-Scale Event

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
357B	Ovid silty clay loam, 3 to 8 percent slopes	Severely limited	Ovid 85% Wetness Water gathering surface Dusty Clay content Unstable excavation walls Odessa 10% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Lakemont 5% Wetness Water gathering surface Clay content Dusty Unstable excavation walls
357C	Ovid silty clay loam, 8 to 15 percent slopes	Severely limited	Ovid 85% Wetness Water gathering surface Slope Dusty Clay content Odessa 10% Wetness Clay content Water gathering surface Dusty Unstable excavation walls Lakemont 5% Wetness Water gathering surface Clay content Dusty Unstable excavation walls
400A	Udorthents, loamy, 0 to 3 percent slopes	Severely limited	Udorthents, loamy 80% Seepage, bottom layer Dusty Unstable excavation walls Howard 5% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Palmyra 5% Seepage, bottom layer Too sandy Dusty Unstable excavation walls Lima 5% Wetness Seepage, porous bedrock Unstable excavation walls Dusty
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%

Rubble and Debris Disposal, Large-Scale Event

Rating Options

Attribute Name: Rubble and Debris Disposal, Large-Scale Event

DHS - Department of Homeland Security

Burial of rubble and debris in an expeditiously constructed landfill is a method of disposing of material that has been rendered unsafe and unusable by the effects of a large-scale disaster, either natural or man-made, often affecting tens of counties or parishes. Many homes and business structures are rendered unfit for occupancy, either by destruction or contamination. Such a landfill involves excavating a large pit or trench, placing the rubble and debris in the trench, and covering each layer with a blanket of soil material. A final blanket of cover material is placed over the whole facility when completed.

This interpretation shows the degree and kind of limitations that affect a soil's use for such a landfill. The soil is evaluated from the surface to 79 inches. An on-site investigation to greater depth will be needed for final site acceptance. The ratings are based on the soil properties that affect attenuation of suspended, soil solution, and gaseous decomposition products and microorganisms; construction and maintenance of the site; and public health. Improper site selection, design, or installation may cause contamination of ground water, seepage, and contamination of stream systems from surface drainage or floodwater.

Properties that influence the risk of pollution, ease of excavation, trafficability, and revegetation are major considerations. Soils that flood or have a water table within the depth of excavation present a potential pollution hazard and are difficult to excavate. Soils that have high saturated hydraulic conductivity (Ksat) or are shallow to bedrock, ice, a cemented pan, or stones and boulders are limited because these features interfere with the installation, performance, and maintenance of the system. 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 excavation. It may also cause difficulty in constructing trenches for which the trench or pit bottom must be kept level and oriented to follow the ground contour.

The ease with which the trench or pit is dug and with which a soil can be used as daily and final covers is based largely on texture and consistence of the soil which affect the workability of the soil both when dry and when 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 rubble or debris. The uppermost part of the final cover should be soil material that is favorable for the growth of plants. It should not contain excess sodium or salt and should not be too acid. In comparison with other horizons, the A horizon in most soils has the best workability and the highest content of organic matter. Thus, for a rubble and debris disposal operation it may be desirable to stockpile the surface layer for use in the final blanketing of the filled area.

The ratings are both verbal and numerical. 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).

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 on these soils. "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. "Severely 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.

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 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.