

# Playgrounds

Aggregation Method: Dominant Condition  
Tie-break Rule: Higher

Ontario County, New York  
Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
1A	Fluvaquents-Udifluvents complex, 0 to 3 percent slopes, frequently flooded	Very limited	Fluvaquents, frequently flooded 45% Depth to saturated zone Flooding Gravel content Udifluvents, frequently flooded 40% Flooding Gravel content Depth to saturated zone Dusty Wayland 10% Depth to saturated zone Flooding Dusty Naples Creek 5% Depth to saturated zone Flooding Dusty
2A	Geneseo silty clay loam, 0 to 3 percent slopes	Somewhat limited	Geneseo 90% Flooding Slow water movement Dusty
3A	Hemlock silty clay loam, 0 to 3 percent slopes	Somewhat limited	Hemlock 90% Depth to saturated zone Flooding Slow water movement Dusty
4A	Naples Creek silty clay loam, 0 to 3 percent slopes	Very limited	Naples Creek 90% Depth to saturated zone Flooding Dusty Wayland 5% Depth to saturated zone Flooding Dusty
5A	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Very limited	Wayland 60% Depth to saturated zone Flooding Dusty Wayland, very poorly drained 30% Depth to saturated zone Flooding Ponding Dusty Wakeville 10% Depth to saturated zone Flooding Dusty

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12D	Rockrift channery silt loam, 15 to 25 percent slopes	Very limited	Rockrift 85% Slope Gravel content Dusty Mongaup, very stony 10% Slope Depth to bedrock Large stones content Gravel content Dusty Willdin 5% Slope Gravel content Depth to saturated zone Dusty
13F	Rock outcrop-Arnot complex, 25 to 70 percent slopes	Not rated	Rock outcrop 55%
14D	Cadosia channery silt loam, 15 to 25 percent slopes	Very limited	Cadosia 85% Slope Gravel content Dusty Lordstown, very stony 10% Slope Gravel content Depth to bedrock Large stones content Dusty Mardin 5% Slope Depth to saturated zone Gravel content Dusty
15A	Guyanoga channery silt loam, fan, 0 to 3 percent slopes	Very limited	Guyanoga, fan 90% Gravel content Dusty Chenango, fan 5% Gravel content Dusty
15B	Guyanoga channery silt loam, fan, 3 to 8 percent slopes	Very limited	Guyanoga, fan 90% Gravel content Slope Dusty Chenango, fan 5% Gravel content Slope Dusty
16A	Almond channery silt loam, 0 to 3 percent slopes	Very limited	Almond 80% Depth to saturated zone Slow water movement Gravel content Dusty Ontusia 10% Depth to saturated zone Gravel content Dusty Norchip 5% Depth to saturated zone Dusty Gretor 5% Depth to saturated zone Dusty

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16B	Almond channery silt loam, 3 to 8 percent slopes	Very limited	Almond 80% Depth to saturated zone Slow water movement Slope Gravel content Dusty Ontusia 10% Depth to saturated zone Slope Gravel content Dusty Norchip 5% Depth to saturated zone Slope Dusty Gretor 5% Depth to saturated zone Slope Depth to bedrock Dusty
16C	Almond channery silt loam, 8 to 15 percent slopes	Very limited	Almond 80% Depth to saturated zone Slope Slow water movement Gravel content Dusty Ontusia 10% Depth to saturated zone Slope Gravel content Dusty Gretor 5% Depth to saturated zone Slope Depth to bedrock Dusty Norchip 5% Depth to saturated zone Slope Dusty
18A	Homer fine sandy loam, 0 to 3 percent slopes	Very limited	Homer 90% Depth to saturated zone Dusty Fine-loamy, mixed, active, mesic Typic Argiaquolls 5% Depth to saturated zone Dusty Phelps 5% Gravel content Depth to saturated zone Dusty

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19A	Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Very limited	Fine-loamy, mixed, active, mesic Typic Argiaquolls 80% Depth to saturated zone Ponding Dusty Homer 8% Depth to saturated zone Dusty Atherton 7% Depth to saturated zone Dusty Palms, undrained 5% Depth to saturated zone Organic matter content Ponding Dusty
20A	Atherton and Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Very limited	Atherton 40% Depth to saturated zone Dusty Fine-loamy, mixed, active, mesic Typic Argiaquolls 40% Depth to saturated zone Ponding Dusty Homer 8% Depth to saturated zone Dusty Canandaigua 7% Depth to saturated zone Slow water movement Dusty Castile 5% Gravel content Depth to saturated zone Dusty
24A	Howard gravelly loam, 0 to 3 percent slopes	Very limited	Howard 80% Gravel content Dusty Phelps 5% Gravel content Depth to saturated zone Dusty
24B	Howard gravelly loam, 3 to 8 percent slopes	Very limited	Howard 80% Slope Gravel content Dusty Palmyra 10% Slope Gravel content Dusty Arkport 5% Slope Phelps 5% Gravel content Slope Depth to saturated zone Dusty

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24C	Howard gravelly loam, 8 to 15 percent slopes	Very limited	Howard 80% Slope Gravel content Dusty Palmyra 10% Slope Gravel content Dusty Phelps 5% Gravel content Depth to saturated zone Slope Dusty Arkport 5% Slope
24D	Howard soils, 15 to 25 percent slopes	Very limited	Howard 65% Slope Gravel content Dusty Palmyra 20% Slope Gravel content Dusty Arkport 13% Slope Phelps 2% Gravel content Depth to saturated zone Slope Dusty
25A	Chenango gravelly loam, 0 to 3 percent slopes	Very limited	Chenango 90% Gravel content Dusty Castile 8% Gravel content Depth to saturated zone Dusty Valois 2% Gravel content Dusty
25B	Chenango gravelly loam, 3 to 8 percent slopes	Very limited	Chenango 90% Gravel content Slope Dusty Castile 5% Gravel content Slope Depth to saturated zone Dusty Valois 5% Slope Gravel content Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
25C	Chenango gravelly loam, 8 to 15 percent slopes	Very limited	Chenango 90% Slope Gravel content Dusty Castile 5% Slope Gravel content Depth to saturated zone Dusty Valois 5% Slope Gravel content Dusty
25D	Chenango gravelly loam, 15 to 25 percent slopes	Very limited	Chenango 90% Slope Gravel content Dusty Castile 8% Slope Gravel content Depth to saturated zone Dusty Valois 2% Slope Gravel content Dusty
25E	Chenango gravelly loam, 25 to 35 percent slopes	Very limited	Chenango 90% Slope Gravel content Dusty Valois 10% Slope Gravel content Dusty
26B	Chenango channery loam, fan, 3 to 8 percent slopes	Very limited	Chenango, fan 85% Slope Gravel content Dusty Guyanoga, fan 5% Slope Gravel content Dusty Castile 5% Gravel content Slope Depth to saturated zone Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
27B	Castile gravelly silt loam, 3 to 8 percent slopes	Very limited	Castile 85% Gravel content Slope Depth to saturated zone Dusty Homer 5% Depth to saturated zone Slope Dusty Chenango 5% Gravel content Slope Dusty Phelps 5% Gravel content Depth to saturated zone Slope Dusty
31A	Collamer silt loam, 0 to 3 percent slopes	Somewhat limited	Collamer 85% Depth to saturated zone Slow water movement Dusty Schoharie 5% Slow water movement Depth to saturated zone Dusty
31B	Collamer silt loam, 3 to 8 percent slopes	Very limited	Collamer 85% Slope Depth to saturated zone Gravel content Dusty Niagara 10% Depth to saturated zone Slope Slow water movement Dusty Schoharie 5% Slope Slow water movement Depth to saturated zone Dusty
31C	Collamer silt loam, 8 to 15 percent slopes	Very limited	Collamer 85% Slope Depth to saturated zone Gravel content Dusty Niagara 10% Depth to saturated zone Slope Slow water movement Dusty Schoharie 5% Slope Slow water movement Depth to saturated zone Dusty

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31D	Collamer silt loam, 15 to 25 percent slopes	Very limited	Collamer 90% Slope Depth to saturated zone Gravel content Dusty Niagara 5% Depth to saturated zone Slope Slow water movement Dusty Schoharie 5% Slope Slow water movement Depth to saturated zone Dusty
32A	Dunkirk fine sandy loam, 0 to 3 percent slopes	Somewhat limited	Dunkirk 90% Slow water movement Dusty Schoharie 3% Slow water movement Depth to saturated zone Dusty
32B	Dunkirk fine sandy loam, 3 to 8 percent slopes	Very limited	Dunkirk 90% Slope Slow water movement Dusty Arkport 4% Slope Schoharie 3% Slope Slow water movement Depth to saturated zone Dusty Niagara 3% Depth to saturated zone Slope Slow water movement Dusty
33A	Dunkirk silt loam, 0 to 3 percent slopes	Somewhat limited	Dunkirk 90% Slow water movement Dusty Schoharie 3% Slow water movement Depth to saturated zone Dusty
33B	Dunkirk silt loam, 3 to 8 percent slopes	Very limited	Dunkirk 90% Slope Slow water movement Dusty Arkport 4% Slope Schoharie 3% Slope Slow water movement Depth to saturated zone Dusty Niagara 3% Depth to saturated zone Slope Slow water movement Dusty



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33C	Dunkirk silt loam, 8 to 15 percent slopes	Very limited	Dunkirk 90% Slope Slow water movement Dusty Arkport 4% Slope Schoharie 3% Slope Slow water movement Depth to saturated zone Dusty Niagara 3% Depth to saturated zone Slope Slow water movement Dusty
33D	Dunkirk silt loam, 15 to 25 percent slopes	Very limited	Dunkirk 90% Slope Slow water movement Dusty Arkport 5% Slope Schoharie 5% Slope Slow water movement Depth to saturated zone Dusty
33E	Dunkirk silt loam, 25 to 35 percent slopes	Very limited	Dunkirk 90% Slope Slow water movement Dusty Arkport 5% Slope Schoharie 5% Slope Slow water movement Depth to saturated zone Dusty
34A	Lakemont silty clay loam, 0 to 3 percent slopes	Very limited	Lakemont 85% Depth to saturated zone Slow water movement Dusty Odessa 5% Depth to saturated zone Slow water movement Dusty Fonda 4% Depth to saturated zone Ponding Slow water movement Dusty Canandaigua 4% Depth to saturated zone Slow water movement Dusty Barre 2% Depth to saturated zone Slow water movement Dusty

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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	Very limited	Odessa 85% Depth to saturated zone Slow water movement Dusty Lakemont 5% Depth to saturated zone Slow water movement Dusty Churchville 3% Depth to saturated zone Slow water movement Dusty Rhinebeck 2% Depth to saturated zone Slow water movement Dusty
35B	Odessa silty clay loam, 3 to 8 percent slopes	Very limited	Odessa 85% Depth to saturated zone Slow water movement Slope Dusty Lakemont 4% Depth to saturated zone Slow water movement Dusty Churchville 3% Depth to saturated zone Slope Slow water movement Dusty Rhinebeck 2% Depth to saturated zone Slow water movement Slope Dusty
36A	Schoharie silty clay loam, 0 to 3 percent slopes	Somewhat limited	Schoharie 90% Slow water movement Depth to saturated zone Dusty Dunkirk 5% Slow water movement Dusty
36B	Schoharie silty clay loam, 3 to 8 percent slopes	Very limited	Schoharie 90% Slope Slow water movement Depth to saturated zone Dusty Dunkirk 5% Slope Slow water movement Dusty Arkport 5% Slope

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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	Very limited	Schoharie 90% Slope Slow water movement Depth to saturated zone Dusty Arkport 5% Slope Dunkirk 5% Slope Slow water movement Dusty
36D	Schoharie silty clay loam, 15 to 25 percent slopes	Very limited	Schoharie 90% Slope Slow water movement Depth to saturated zone Dusty Arkport 5% Slope Dunkirk 5% Slope Slow water movement Dusty
36E	Schoharie silty clay loam, 25 to 45 percent slopes	Very limited	Schoharie 90% Slope Slow water movement Depth to saturated zone Dusty Arkport 5% Slope Dunkirk 5% Slope Slow water movement Dusty
37A	Schoharie silt loam, 0 to 3 percent slopes	Somewhat limited	Schoharie 90% Slow water movement Depth to saturated zone Dusty Dunkirk 5% Slow water movement Dusty
37B	Schoharie silt loam, 3 to 8 percent slopes	Very limited	Schoharie 90% Slope Slow water movement Depth to saturated zone Dusty Odessa 5% Depth to saturated zone Slow water movement Slope Dusty Dunkirk 5% Slope Slow water movement Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
38A	Niagara silt loam, 0 to 3 percent slopes	Very limited	Niagara 85% Depth to saturated zone Slow water movement Dusty Canandaigua 5% Depth to saturated zone Slow water movement Dusty Rhinebeck 5% Depth to saturated zone Slow water movement Dusty
38B	Niagara silt loam, 3 to 8 percent slopes	Very limited	Niagara 85% Depth to saturated zone Slope Slow water movement Dusty Canandaigua 5% Depth to saturated zone Slope Slow water movement Dusty Rhinebeck 5% Depth to saturated zone Slow water movement Slope Dusty
39A	Rhinebeck silty clay loam, 0 to 3 percent slopes	Very limited	Rhinebeck 90% Depth to saturated zone Slow water movement Dusty Niagara 5% Depth to saturated zone Slow water movement Dusty Lakemont 5% Depth to saturated zone Slow water movement Dusty
41A	Aeric Epiaquepts, 0 to 3 percent slopes	Very limited	Aeric Epiaquepts 50% Depth to saturated zone Slow water movement Dusty Aeric Epiaquepts 45% Depth to saturated zone Slow water movement Dusty

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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	Very limited	Canandaigua 90% Depth to saturated zone Slow water movement Dusty Canandaigua 4% Depth to saturated zone Ponding Slow water movement Dusty Niagara 3% Depth to saturated zone Slow water movement Dusty Lakemont 3% Depth to saturated zone Slow water movement Dusty
44A	Canandaigua mucky silt loam, 0 to 3 percent slopes	Very limited	Canandaigua 90% Depth to saturated zone Ponding Slow water movement Dusty Canandaigua 5% Depth to saturated zone Slow water movement Dusty Lakemont 3% Depth to saturated zone Slow water movement Dusty Palms, undrained 2% Depth to saturated zone Organic matter content Ponding Dusty
45A	Fonda mucky silt loam, 0 to 3 percent slopes	Very limited	Fonda 95% Depth to saturated zone Ponding Slow water movement Dusty Canandaigua 3% Depth to saturated zone Ponding Slow water movement Dusty Palms, undrained 2% Depth to saturated zone Organic matter content Ponding Dusty
46A	Galen fine sandy loam, 0 to 3 percent slopes	Somewhat limited	Galen 90% Depth to saturated zone Slope Dusty
46B	Galen fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Galen 90% Depth to saturated zone Slope Dusty
48A	Arkport fine sandy loam, 0 to 3 percent slopes	Not limited	Arkport 95%

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48B	Arkport fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Arkport 95% Slope Dunkirk 3% Slope Slow water movement Dusty Galen 2% Depth to saturated zone Slope Dusty
48C	Arkport fine sandy loam, 8 to 15 percent slopes	Very limited	Arkport 95% Slope Dunkirk 3% Slope Slow water movement Dusty Galen 2% Slope Depth to saturated zone Dusty
48D	Arkport fine sandy loam, 15 to 25 percent slopes	Very limited	Arkport 90% Slope Dunkirk 8% Slope Slow water movement Dusty Palmyra 2% Slope Gravel content Dusty
49B	Arkport loamy fine sand, 3 to 8 percent slopes	Somewhat limited	Arkport 95% Slope Too sandy Dunkirk 3% Slope Slow water movement Dusty Galen 2% Depth to saturated zone Slope Dusty
49D	Arkport loamy fine sand, 15 to 25 percent slopes	Very limited	Arkport 95% Slope Too sandy Dunkirk 3% Slope Slow water movement Dusty Palmyra 2% Slope Gravel content Dusty

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49E	Arkport loamy fine sand, 25 to 35 percent slopes	Very limited	Arkport 90% Slope Too sandy Dunkirk 8% Slope Slow water movement Dusty Palmyra 2% Slope Gravel content Dusty
49F	Arkport loamy fine sand, 35 to 55 percent slopes	Very limited	Arkport 90% Slope Too sandy Dunkirk 8% Slope Slow water movement Dusty Palmyra 2% Slope Gravel content Dusty
50B	Dunkirk-Arkport complex, 3 to 8 percent slopes	Somewhat limited	Dunkirk 50% Slope Slow water movement Dusty Arkport 45% Slope Collamer 5% Slope Depth to saturated zone Gravel content Dusty
50C	Dunkirk-Arkport complex, 8 to 15 percent slopes	Very limited	Dunkirk 60% Slope Slow water movement Dusty Arkport 35% Slope Collamer 5% Slope Depth to saturated zone Gravel content Dusty
50D	Dunkirk-Arkport complex, 15 to 25 percent slopes	Very limited	Dunkirk 60% Slope Slow water movement Dusty Arkport 35% Slope Collamer 5% Slope Depth to saturated zone Gravel content Dusty

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53A	Lamson fine sandy loam, 0 to 3 percent slopes	Very limited	Lamson 90% Depth to saturated zone Lamson 5% Depth to saturated zone Ponding Canandaigua 3% Depth to saturated zone Slow water movement Dusty
54A	Lamson mucky fine sandy loam, 0 to 3 percent slopes	Very limited	Lamson 90% Depth to saturated zone Ponding Canandaigua 5% Depth to saturated zone Slow water movement Dusty Lamson 5% Depth to saturated zone
56A	Elnora loamy fine sand, 0 to 3 percent slopes	Somewhat limited	Elnora 90% Too sandy Depth to saturated zone
58B	Colonie loamy fine sand, 3 to 8 percent slopes	Somewhat limited	Colonie 95% Slope Too sandy Elnora 5% Slope Too sandy Depth to saturated zone
58C	Colonie loamy fine sand, 8 to 15 percent slopes	Very limited	Colonie 95% Slope Too sandy Elnora 5% Slope Too sandy Depth to saturated zone
62B	Mardin channery silt loam, 3 to 8 percent slopes	Very limited	Mardin 85% Depth to saturated zone Slope Gravel content Dusty Bath 5% Slope Gravel content Depth to saturated zone Dusty Lordstown 5% Slope Gravel content Depth to bedrock Dusty Volusia 5% Depth to saturated zone Gravel content Dusty



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62C	Mardin channery silt loam, 8 to 15 percent slopes	Very limited	Mardin 88% Depth to saturated zone Slope Gravel content Dusty Bath 5% Slope Gravel content Depth to saturated zone Dusty Volusia 5% Depth to saturated zone Slope Gravel content Dusty Lordstown 2% Slope Gravel content Depth to bedrock Dusty
62D	Mardin channery silt loam, 15 to 25 percent slopes	Very limited	Mardin 85% Depth to saturated zone Slope Gravel content Dusty Bath 5% Slope Gravel content Depth to saturated zone Dusty Lordstown 5% Slope Gravel content Depth to bedrock Dusty Volusia 5% Depth to saturated zone Slope Gravel content Dusty
62E	Mardin channery silt loam, 25 to 35 percent slopes	Very limited	Mardin 80% Depth to saturated zone Slope Gravel content Dusty Bath 8% Slope Gravel content Depth to saturated zone Dusty Lordstown, very stony 7% Slope Gravel content Depth to bedrock Large stones content Dusty Volusia 5% Depth to saturated zone Slope Gravel content Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
63B	Langford channery silt loam, 3 to 8 percent slopes	Very limited	Langford 90% Slope Depth to saturated zone Gravel content Dusty Erie 10% Depth to saturated zone Slope Gravel content Dusty
63C	Langford channery silt loam, 8 to 15 percent slopes	Very limited	Langford 90% Slope Depth to saturated zone Gravel content Dusty Erie 10% Depth to saturated zone Slope Gravel content Dusty
63D	Langford channery silt loam, 15 to 25 percent slopes	Very limited	Langford 90% Slope Depth to saturated zone Gravel content Dusty Erie 10% Depth to saturated zone Slope Gravel content Dusty
64B	Langford-Erie channery silt loams, 3 to 8 percent slopes	Somewhat limited	Langford 55% Depth to saturated zone Slope Gravel content Dusty

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66A	Lyons soils, 0 to 3 percent slopes	Very limited	Lyons 75% Depth to saturated zone Slow water movement Dusty Lyons, frequently ponded 15% Depth to saturated zone Ponding Slow water movement Dusty Appleton 3% Depth to saturated zone Slow water movement Gravel content Dusty Canandaigua 3% Depth to saturated zone Slow water movement Dusty Kendaia 2% Depth to saturated zone Slow water movement Dusty Ilion 1% Depth to saturated zone Slow water movement Dusty Palms 1% Depth to saturated zone Organic matter content Ponding Dusty
68A	Volusia channery silt loam, 0 to 3 percent slopes	Very limited	Volusia 90% Depth to saturated zone Gravel content Dusty Mardin 5% Depth to saturated zone Slope Gravel content Dusty Chippewa 5% Depth to saturated zone Gravel content Dusty
68B	Volusia channery silt loam, 3 to 8 percent slopes	Very limited	Volusia 90% Depth to saturated zone Slope Gravel content Dusty Chippewa 5% Depth to saturated zone Gravel content Dusty Mardin 5% Depth to saturated zone Slope Gravel content Dusty

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68C	Volusia channery silt loam, 8 to 15 percent slopes	Very limited	Volusia 90% Depth to saturated zone Slope Gravel content Dusty Mardin 6% Depth to saturated zone Slope Gravel content Dusty Chippewa 4% Depth to saturated zone Slope Gravel content Dusty
68D	Volusia channery silt loam, 15 to 25 percent slopes	Very limited	Volusia 90% Depth to saturated zone Slope Gravel content Dusty Mardin 7% Depth to saturated zone Slope Gravel content Dusty Chippewa 3% Depth to saturated zone Slope Gravel content Dusty
69A	Erie channery silt loam, 0 to 3 percent slopes	Very limited	Erie 95% Depth to saturated zone Gravel content Dusty Chippewa 5% Depth to saturated zone Dusty
69B	Erie channery silt loam, 3 to 8 percent slopes	Very limited	Erie 95% Depth to saturated zone Slope Gravel content Dusty Chippewa 5% Depth to saturated zone Slope Dusty
69C	Erie channery silt loam, 8 to 15 percent slopes	Very limited	Erie 95% Depth to saturated zone Slope Gravel content Dusty Chippewa 5% Depth to saturated zone Slope Dusty

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71A	Darien silt loam, 0 to 3 percent slopes	Very limited	Darien 95% Depth to saturated zone Slow water movement Dusty Ilion 4% Depth to saturated zone Slow water movement Dusty Angola 1% Depth to saturated zone Slow water movement Dusty
71B	Darien silt loam, 3 to 8 percent slopes	Very limited	Darien 95% Depth to saturated zone Slow water movement Slope Dusty Ilion 4% Depth to saturated zone Slow water movement Slope Dusty Angola 1% Depth to saturated zone Depth to bedrock Slope Slow water movement Dusty
71C	Darien silt loam, 8 to 15 percent slopes	Very limited	Darien 95% Depth to saturated zone Slope Slow water movement Dusty Ilion 4% Depth to saturated zone Slope Slow water movement Dusty Angola 1% Depth to saturated zone Slope Depth to bedrock Slow water movement Dusty
72A	Darien-Ilion silt loams, 0 to 3 percent slopes	Very limited	Darien 68% Depth to saturated zone Slow water movement Dusty Ilion 27% Depth to saturated zone Slow water movement Dusty Angola 5% Depth to saturated zone Slow water movement Dusty

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72B	Darien-Ilion silt loams, 3 to 8 percent slopes	Very limited	Darien 68% Depth to saturated zone Slow water movement Slope Dusty Ilion 27% Depth to saturated zone Slow water movement Slope Dusty Angola 5% Depth to saturated zone Depth to bedrock Slope Slow water movement Dusty
73B	Greter silt loam, 3 to 8 percent slopes	Very limited	Greter 95% Depth to saturated zone Slope Depth to bedrock Dusty Greter, poorly drained 5% Depth to saturated zone Slope Depth to bedrock Dusty
73C	Greter silt loam, 8 to 15 percent slopes	Very limited	Greter 95% Depth to saturated zone Slope Depth to bedrock Dusty Greter, poorly drained 5% Depth to saturated zone Slope Depth to bedrock Dusty
73D	Greter channery silt loam, 15 to 25 percent slopes	Very limited	Greter 90% Depth to saturated zone Slope Depth to bedrock Dusty Mongaup, very stony 8% Slope Depth to bedrock Large stones content Gravel content Dusty Greter, poorly drained 2% Depth to saturated zone Slope Depth to bedrock Dusty

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76B	Orpark silt loam, 3 to 8 percent slopes	Very limited	Orpark 95% Depth to saturated zone Depth to bedrock Slope Slow water movement Dusty Orpark, poorly drained 5% Depth to saturated zone Depth to bedrock Slope Slow water movement Dusty
76C	Orpark silt loam, 8 to 15 percent slopes	Very limited	Orpark 95% Depth to saturated zone Slope Depth to bedrock Slow water movement Dusty Orpark, poorly drained 5% Depth to saturated zone Depth to bedrock Slope Slow water movement Dusty
76D	Orpark channery silt loam, 15 to 25 percent slopes	Very limited	Orpark 90% Depth to saturated zone Slope Depth to bedrock Slow water movement Dusty Lordstown, very stony 5% Slope Gravel content Depth to bedrock Large stones content Dusty Orpark, poorly drained 5% Depth to saturated zone Depth to bedrock Slope Slow water movement Dusty
77A	Chippewa silt loam, 0 to 3 percent slopes	Very limited	Chippewa 85% Depth to saturated zone Gravel content Dusty Chippewa, very poorly drained 10% Depth to saturated zone Ponding Gravel content Dusty Volusia 5% Depth to saturated zone Slope Gravel content Dusty

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Ontario County, New York  
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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	Very limited	Chippewa 85% Depth to saturated zone Slope Gravel content Dusty Volusia 10% Depth to saturated zone Slope Gravel content Dusty Chippewa, very poorly drained 5% Depth to saturated zone Ponding Gravel content Dusty
82B	Manlius channery silt loam, 3 to 8 percent slopes	Very limited	Manlius 95% Slope Gravel content Depth to bedrock Dusty Gretor 5% Depth to saturated zone Slope Depth to bedrock Dusty
82C	Manlius channery silt loam, 8 to 15 percent slopes	Very limited	Manlius 95% Slope Gravel content Depth to bedrock Dusty Gretor 5% Depth to saturated zone Slope Depth to bedrock Dusty
82D	Manlius channery silt loam, 15 to 25 percent slopes	Very limited	Manlius 95% Slope Gravel content Depth to bedrock Dusty Arnot 4% Large stones content Slope Depth to bedrock Gravel content Dusty Gretor 1% Depth to saturated zone Slope Depth to bedrock Dusty



# Playgrounds

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	Very limited	Palms, undrained 55% Depth to saturated zone Organic matter content Ponding Dusty Palms, drained 40% Depth to saturated zone Organic matter content Dusty Canandaigua 5% Depth to saturated zone Ponding Slow water movement Dusty
92A	Carlisle muck, 0 to 3 percent slopes	Very limited	Carlisle, undrained 45% Depth to saturated zone Organic matter content Ponding Dusty Carlisle, drained 40% Depth to saturated zone Organic matter content Dusty Palms, undrained 10% Depth to saturated zone Organic matter content Ponding Dusty Canandaigua 5% Depth to saturated zone Ponding Slow water movement Dusty
93A	Edwards muck, 0 to 3 percent slopes	Very limited	Edwards, undrained 50% Depth to saturated zone Organic matter content Ponding Slow water movement Dusty Edwards, drained 35% Depth to saturated zone Organic matter content Slow water movement Dusty Martisco, undrained 10% Depth to saturated zone Organic matter content Ponding Slow water movement Dusty Canandaigua 5% Depth to saturated zone Ponding Slow water movement Dusty

# Playgrounds

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
94A	Martisco muck, 0 to 3 percent slopes	Very limited	Martisco, undrained 55% Depth to saturated zone Organic matter content Ponding Slow water movement Dusty Martisco, drained 35% Depth to saturated zone Organic matter content Slow water movement Dusty Canandaigua 5% Depth to saturated zone Ponding Slow water movement Dusty Palms, drained 5% Depth to saturated zone Organic matter content Dusty
95A	Saprists, 0 to 3 percent slopes, inundated	Very limited	Saprists, inundated 85% Depth to saturated zone Organic matter content Ponding Dusty Carlisle, undrained 5% Depth to saturated zone Organic matter content Ponding Dusty Fluvaquents, frequently flooded 5% Depth to saturated zone Flooding Gravel content Palms, undrained 5% Depth to saturated zone Organic matter content Ponding Dusty
101A	Honeoye loam, 0 to 3 percent slopes	Somewhat limited	Honeoye 85% Gravel content Dusty Lima 5% Depth to saturated zone Gravel content Dusty Lansing 4% Gravel content Dusty Wassaic 2% Gravel content Dusty

# Playgrounds

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
101B	Honeoye loam, 3 to 8 percent slopes	Very limited	Honeoye 85% Slope Gravel content Dusty Lima 5% Slope Depth to saturated zone Gravel content Dusty Lansing 4% Slope Gravel content Dusty Kendaia 4% Depth to saturated zone Slope Dusty Wassaic 2% Slope Depth to bedrock Gravel content Dusty
101C	Honeoye loam, 8 to 15 percent slopes	Very limited	Honeoye 85% Slope Gravel content Dusty Lima 5% Slope Depth to saturated zone Gravel content Dusty Kendaia 4% Depth to saturated zone Slope Dusty Lansing 4% Slope Gravel content Dusty Wassaic 2% Slope Depth to bedrock Gravel content Dusty

# Playgrounds

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
101D	Honeoye loam, 15 to 25 percent slopes	Very limited	Honeoye 85% Slope Gravel content Dusty Lima 5% Slope Depth to saturated zone Gravel content Dusty Lansing 4% Slope Gravel content Dusty Kendaia 4% Depth to saturated zone Slope Dusty Wassaic 2% Slope Depth to bedrock Gravel content Dusty
101E	Honeoye loam, 25 to 35 percent slopes	Very limited	Honeoye 85% Slope Gravel content Dusty Lima 5% Slope Depth to saturated zone Gravel content Dusty Lansing 4% Slope Gravel content Dusty Kendaia 4% Depth to saturated zone Slope Dusty Wassaic 2% Slope Depth to bedrock Gravel content Dusty
104A	Honeoye loam, 0 to 3 percent slopes, lower clay surface	Somewhat limited	Honeoye, lower clay surface 85% Gravel content Dusty Lima 5% Depth to saturated zone Gravel content Dusty Lansing 4% Gravel content Dusty Wassaic 2% Gravel content Dusty

# Playgrounds

Aggregation Method: Dominant Condition  
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
104B	Honeoye loam, 3 to 8 percent slopes, lower clay surface	Very limited	Honeoye, lower clay surface 85% Slope Gravel content Dusty Lima 5% Slope Depth to saturated zone Gravel content Dusty Lansing 4% Slope Gravel content Dusty Kendaia 4% Depth to saturated zone Slope Dusty Wassaic 2% Slope Depth to bedrock Gravel content Dusty
104C	Honeoye loam, 8 to 15 percent slopes, lower clay surface	Very limited	Honeoye, lower clay surface 85% Slope Gravel content Dusty Lima 5% Slope Depth to saturated zone Gravel content Dusty Lansing 4% Slope Gravel content Dusty Kendaia 4% Depth to saturated zone Slope Dusty Wassaic 2% Slope Depth to bedrock Gravel content Dusty

# Playgrounds

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
106B	Danley-Lansing complex, 3 to 8 percent slopes	Somewhat limited	Danley 50% Slow water movement Depth to saturated zone Slope Gravel content Dusty Lansing 45% Slope Gravel content Dusty Conesus 2% Slope Depth to saturated zone Gravel content Dusty Palatine 1% Slope Gravel content Dusty Depth to bedrock
107B	Conesus-Lansing complex, 3 to 8 percent slopes	Somewhat limited	Conesus 50% Slope Depth to saturated zone Gravel content Dusty Lansing 45% Slope Gravel content Dusty Danley 1% Slow water movement Depth to saturated zone Slope Gravel content Dusty Palatine 1% Slope Gravel content Dusty Depth to bedrock

# Playgrounds

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
108C	Lansing loam, 8 to 15 percent slopes	Very limited	Lansing 85% Slope Gravel content Dusty Conesus 8% Slope Depth to saturated zone Gravel content Dusty Kendaia 3% Depth to saturated zone Slope Slow water movement Dusty Appleton 2% Depth to saturated zone Slope Slow water movement Gravel content Dusty Danley 1% Slope Slow water movement Depth to saturated zone Gravel content Dusty Wassaic 1% Slope Depth to bedrock Gravel content Dusty
108D	Lansing loam, 15 to 25 percent slopes	Very limited	Lansing 85% Slope Gravel content Dusty Conesus 9% Slope Depth to saturated zone Gravel content Dusty Wassaic 3% Slope Depth to bedrock Gravel content Dusty Kendaia 2% Depth to saturated zone Slope Slow water movement Dusty Appleton 1% Depth to saturated zone Slope Slow water movement Gravel content Dusty

# Playgrounds

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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	Very limited	Lansing 85% Slope Gravel content Dusty Cazenovia 10% Slope Depth to saturated zone Slow water movement Dusty Aurora 5% Slope Slow water movement Depth to saturated zone Dusty Depth to bedrock
112B	Ontario fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Ontario 90% Slow water movement Slope Dusty Lima 10% Slow water movement Depth to saturated zone Slope Gravel content Dusty
112C	Ontario fine sandy loam, 8 to 15 percent slopes	Very limited	Ontario 95% Slope Slow water movement Dusty Palmyra 5% Slope Gravel content Dusty
112D	Ontario fine sandy loam, 15 to 25 percent slopes	Very limited	Ontario 95% Slope Slow water movement Dusty Palmyra 5% Slope Gravel content Dusty
112E	Ontario fine sandy loam, 25 to 35 percent slopes	Very limited	Ontario 93% Slope Slow water movement Dusty Palmyra 5% Slope Gravel content Dusty Manlius 2% Slope Gravel content Depth to bedrock Dusty



# Playgrounds

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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	Very limited	Ontario 98% Slope Gravel content Slow water movement Dusty Lima 2% Slope Slow water movement Depth to saturated zone Gravel content Dusty
114C	Ontario gravelly loam, 8 to 15 percent slopes	Very limited	Ontario 95% Slope Gravel content Slow water movement Dusty Palmyra 5% Slope Gravel content Dusty
114D	Ontario gravelly loam, 15 to 25 percent slopes	Very limited	Ontario 95% Slope Gravel content Slow water movement Dusty Palmyra 5% Slope Gravel content Dusty
116B	Ontario loam, 3 to 8 percent slopes	Very limited	Ontario 90% Slope Slow water movement Dusty Lima 5% Slope Slow water movement Depth to saturated zone Gravel content Dusty Kendaia 5% Depth to saturated zone Slope Slow water movement Dusty
116C	Ontario loam, 8 to 15 percent slopes	Very limited	Ontario 95% Slope Slow water movement Dusty Lima 5% Slope Slow water movement Depth to saturated zone Gravel content Dusty

# Playgrounds

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
116D	Ontario loam, 15 to 25 percent slopes	Very limited	Ontario 95% Slope Slow water movement Dusty Lima 5% Slope Slow water movement Depth to saturated zone Gravel content Dusty
118F	Ontario, Honeoye, and Lansing soils, 35 to 55 percent slopes	Very limited	Ontario 40% Slope Slow water movement Dusty Honeoye 35% Slope Gravel content Dusty Lansing 20% Slope Gravel content Dusty Aurora 5% Slope Slow water movement Depth to saturated zone Dusty Depth to bedrock
120E	Palmyra and Howard soils, 25 to 45 percent slopes	Very limited	Palmyra 55% Slope Gravel content Dusty Howard 40% Slope Gravel content Dusty Colonie 5% Slope Too sandy
122A	Palmyra cobbly loam, 0 to 3 percent slopes	Somewhat limited	Palmyra 95% Gravel content Dusty Honeoye, lower clay surface 5% Slow water movement Gravel content Dusty
122B	Palmyra cobbly loam, 3 to 8 percent slopes	Somewhat limited	Palmyra 95% Gravel content Slope Dusty Honeoye, lower clay surface 5% Slow water movement Slope Gravel content Dusty
124A	Palmyra fine sandy loam, 0 to 3 percent slopes	Somewhat limited	Palmyra 90% Gravel content Slope Dusty

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
124B	Palmyra fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Palmyra 90% Slope Gravel content Dusty
126A	Palmyra gravelly loam, 0 to 3 percent slopes	Very limited	Palmyra 95% Gravel content Dusty
126B	Palmyra gravelly loam, 3 to 8 percent slopes	Very limited	Palmyra 95% Slope Gravel content Dusty Arkport 5% Slope
126C	Palmyra gravelly loam, 8 to 15 percent slopes	Very limited	Palmyra 90% Slope Gravel content Dusty Arkport 10% Slope
126D	Palmyra gravelly loam, 15 to 25 percent slopes	Very limited	Palmyra 90% Slope Gravel content Dusty Arkport 10% Slope
128A	Palmyra gravelly sandy loam, 0 to 3 percent slopes	Very limited	Palmyra 90% Gravel content Dusty
128B	Palmyra gravelly sandy loam, 3 to 8 percent slopes	Very limited	Palmyra 90% Slope Gravel content Dusty Arkport 10% Slope
128C	Palmyra gravelly sandy loam, 8 to 15 percent slopes	Very limited	Palmyra 90% Slope Gravel content Dusty Arkport 10% Slope
130A	Farmington loam, 0 to 3 percent slopes	Very limited	Farmington 90% Depth to bedrock Dusty Galoo 5% Depth to bedrock Dusty Nuhi 5% Depth to saturated zone Dusty

# Playgrounds

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
130B	Farmington loam, 3 to 8 percent slopes	Very limited	Farmington 90% Depth to bedrock Slope Dusty Galoo 5% Depth to bedrock Slope Dusty Nuhi 5% Depth to saturated zone Slope Depth to bedrock Dusty
132A	Galoo loam, 0 to 3 percent slopes, rocky	Very limited	Galoo 95% Depth to bedrock Dusty Nuhi 4% Depth to saturated zone Dusty
132B	Galoo loam, 3 to 8 percent slopes, rocky	Very limited	Galoo 95% Depth to bedrock Slope Dusty Nuhi 4% Depth to saturated zone Depth to bedrock Dusty Slope
134A	Camillus silt loam, 0 to 3 percent slopes	Somewhat limited	Camillus 95% Dusty
134B	Camillus silt loam, 3 to 8 percent slopes	Somewhat limited	Camillus 95% Slope Depth to bedrock Dusty
151C	Willdin-Norchip complex, 3 to 15 percent slopes	Very limited	Willdin 60% Depth to saturated zone Slope Gravel content Dusty Norchip 38% Depth to saturated zone Slope Gravel content Dusty Palms, undrained 2% Depth to saturated zone Organic matter content Ponding Dusty

# Playgrounds

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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
152B	Valois gravelly loam, 3 to 8 percent slopes	Very limited	Valois 85% Slope Gravel content Dusty Cadosia 5% Slope Gravel content Dusty Volusia 5% Depth to saturated zone Slope Gravel content Dusty Mardin 5% Slope Depth to saturated zone Gravel content Dusty
152C	Valois gravelly loam, 8 to 15 percent slopes	Very limited	Valois 85% Slope Gravel content Dusty Volusia 5% Depth to saturated zone Slope Gravel content Dusty Cadosia 5% Slope Gravel content Dusty Mardin 5% Slope Depth to saturated zone Gravel content Dusty
152D	Valois gravelly loam, 15 to 25 percent slopes	Very limited	Valois 85% Slope Gravel content Dusty Cadosia 6% Slope Gravel content Dusty Mardin 6% Slope Depth to saturated zone Gravel content Dusty Volusia 3% Depth to saturated zone Slope Gravel content Dusty

# Playgrounds

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
152E	Valois gravelly loam, 25 to 35 percent slopes	Very limited	Valois 85% Slope Gravel content Dusty Cadosia 6% Slope Gravel content Dusty Mardin 6% Slope Depth to saturated zone Gravel content Dusty Towerville, extremely stony 3% Large stones content Slope Gravel content Depth to saturated zone Depth to bedrock
153B	Valois gravelly loam, cool, 3 to 8 percent slopes	Very limited	Valois, cool 85% Slope Gravel content Dusty Ontusia 5% Depth to saturated zone Slope Gravel content Dusty Rockrift 5% Slope Gravel content Dusty Willdin 5% Slope Gravel content Depth to saturated zone Dusty
153C	Valois gravelly loam, cool, 8 to 15 percent slopes	Very limited	Valois, cool 85% Slope Gravel content Dusty Rockrift 5% Slope Gravel content Dusty Ontusia 5% Depth to saturated zone Slope Gravel content Dusty Willdin 5% Slope Gravel content Depth to saturated zone 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
153D	Valois gravelly loam, cool, 15 to 25 percent slopes	Very limited	Valois, cool 85% Slope Gravel content Dusty Willdin 6% Slope Gravel content Depth to saturated zone Dusty Rockrift 6% Slope Gravel content Dusty Ontusia 3% Depth to saturated zone Slope Gravel content Dusty
153E	Valois gravelly loam, cool, 25 to 35 percent slopes	Very limited	Valois, cool 85% Slope Gravel content Dusty Willdin 6% Slope Gravel content Depth to saturated zone Dusty Rockrift 6% Slope Gravel content Dusty Ischua 3% Slope Gravel content Depth to saturated zone Depth to bedrock Slow water movement
162B	Willdin channery silt loam, 3 to 8 percent slopes	Very limited	Willdin 85% Depth to saturated zone Slope Gravel content Dusty Ontusia 5% Depth to saturated zone Gravel content Dusty Middlebrook 5% Depth to saturated zone Gravel content Slope Depth to bedrock Dusty Lewbath 5% Slope Gravel content Depth to saturated zone Dusty

# Playgrounds

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
162C	Willdin channery silt loam, 8 to 15 percent slopes	Very limited	Willdin 85% Depth to saturated zone Slope Gravel content Dusty Ontusia 6% Depth to saturated zone Slope Gravel content Dusty Lewbath 6% Slope Gravel content Depth to saturated zone Dusty Middlebrook 3% Depth to saturated zone Slope Gravel content Depth to bedrock Dusty
162D	Willdin channery silt loam, 15 to 25 percent slopes	Very limited	Willdin 80% Depth to saturated zone Slope Gravel content Dusty Lewbath 10% Slope Gravel content Depth to saturated zone Dusty Mongaup 5% Slope Gravel content Depth to bedrock Dusty Ontusia 5% Depth to saturated zone Slope Gravel content Dusty
168A	Ontusia channery silt loam, 0 to 3 percent slopes	Very limited	Ontusia 88% Depth to saturated zone Gravel content Dusty Norchip 5% Depth to saturated zone Gravel content Dusty Willdin 5% Depth to saturated zone Slope Gravel content Dusty Gretor 2% Depth to saturated zone Gravel content Slow water movement Dusty



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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
168B	Ontusia channery silt loam, 3 to 8 percent slopes	Very limited	Ontusia 90% Depth to saturated zone Slope Gravel content Dusty Norchip 5% Depth to saturated zone Gravel content Dusty Willdin 5% Depth to saturated zone Slope Gravel content Dusty
168C	Ontusia channery silt loam, 8 to 15 percent slopes	Very limited	Ontusia 90% Depth to saturated zone Slope Gravel content Dusty Norchip 5% Depth to saturated zone Slope Gravel content Dusty Willdin 5% Depth to saturated zone Slope Gravel content Dusty
168D	Ontusia channery silt loam, 15 to 25 percent slopes	Very limited	Ontusia 90% Depth to saturated zone Slope Gravel content Dusty Willdin 7% Depth to saturated zone Slope Gravel content Dusty Norchip 3% Depth to saturated zone Slope Gravel content Dusty

# Playgrounds

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Tie-break Rule: Higher

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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 limited	Lordstown 40% Slope Gravel content Depth to bedrock Dusty Large stones content Manlius 20% Slope Gravel content Depth to bedrock Dusty Towerville 20% Slope Gravel content Depth to saturated zone Depth to bedrock Slow water movement Cadosia 10% Slope Gravel content Dusty Mardin 5% Slope Depth to saturated zone Gravel content Dusty Arnot 5% Slope Depth to bedrock Gravel content Large stones content Dusty

# Playgrounds

Aggregation Method: Dominant Condition  
Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
171D	Lordstown-Manlius-Towerville complex, 15 to 25 percent slopes, very stony	Very limited	Lordstown, very stony 40% Slope Gravel content Depth to bedrock Large stones content Dusty Manlius, very stony 20% Slope Gravel content Large stones content Depth to bedrock Dusty Towerville, very stony 20% Slope Gravel content Depth to saturated zone Depth to bedrock Large stones content Cadosia 10% Slope Gravel content Dusty Arnot 5% Large stones content Slope Depth to bedrock Gravel content Dusty Mardin 5% Slope Depth to saturated zone Gravel content Dusty

# Playgrounds

Aggregation Method: Dominant Condition  
Tie-break Rule: Higher

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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	Very limited	<p>Lordstown, extremely stony 40%</p> <ul style="list-style-type: none"> <li>Large stones content</li> <li>Slope</li> <li>Gravel content</li> <li>Depth to bedrock</li> <li>Dusty</li> </ul> <p>Towerville, extremely stony 20%</p> <ul style="list-style-type: none"> <li>Large stones content</li> <li>Slope</li> <li>Gravel content</li> <li>Depth to saturated zone</li> <li>Depth to bedrock</li> </ul> <p>Manlius, extremely stony 20%</p> <ul style="list-style-type: none"> <li>Large stones content</li> <li>Slope</li> <li>Gravel content</li> <li>Depth to bedrock</li> <li>Dusty</li> </ul> <p>Cadosia 10%</p> <ul style="list-style-type: none"> <li>Slope</li> <li>Gravel content</li> <li>Dusty</li> </ul> <p>Mardin 5%</p> <ul style="list-style-type: none"> <li>Slope</li> <li>Depth to saturated zone</li> <li>Gravel content</li> <li>Dusty</li> </ul> <p>Arnot 5%</p> <ul style="list-style-type: none"> <li>Large stones content</li> <li>Slope</li> <li>Depth to bedrock</li> <li>Gravel content</li> <li>Dusty</li> </ul>

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

# Playgrounds

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Tie-break Rule: Higher

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
181B	Mongaup-Ischua complex, 3 to 8 percent slopes	Very limited	Mongaup 45% Slope Depth to bedrock Gravel content Dusty Ischua 40% Slope Gravel content Depth to saturated zone Depth to bedrock Slow water movement Rockrift 10% Slope Gravel content Dusty Willdin 3% Slope Gravel content Depth to saturated zone Dusty Greter 2% Depth to saturated zone Slope Depth to bedrock Dusty
181C	Mongaup-Ischua complex, 8 to 15 percent slopes	Very limited	Mongaup 45% Slope Depth to bedrock Gravel content Dusty Ischua 40% Slope Gravel content Depth to saturated zone Depth to bedrock Slow water movement Rockrift 10% Slope Gravel content Dusty Willdin 3% Slope Gravel content Depth to saturated zone Dusty Greter 2% Depth to saturated zone Slope Depth to bedrock 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
181D	Mongaup-Ischua complex, 15 to 25 percent slopes, very stony	Very limited	<p>Mongaup, very stony 45%</p> <ul style="list-style-type: none"> <li>Slope</li> <li>Depth to bedrock</li> <li>Large stones content</li> <li>Gravel content</li> <li>Dusty</li> </ul> <p>Ischua, very stony 40%</p> <ul style="list-style-type: none"> <li>Slope</li> <li>Gravel content</li> <li>Depth to saturated zone</li> <li>Depth to bedrock</li> <li>Large stones content</li> </ul> <p>Rockrift 10%</p> <ul style="list-style-type: none"> <li>Slope</li> <li>Gravel content</li> <li>Dusty</li> </ul> <p>Willdin 3%</p> <ul style="list-style-type: none"> <li>Slope</li> <li>Gravel content</li> <li>Depth to saturated zone</li> <li>Dusty</li> </ul> <p>Greter 2%</p> <ul style="list-style-type: none"> <li>Depth to saturated zone</li> <li>Slope</li> <li>Depth to bedrock</li> <li>Dusty</li> </ul>
181E	Mongaup-Ischua complex, 25 to 35 percent slopes, extremely stony	Very limited	<p>Mongaup, extremely stony 45%</p> <ul style="list-style-type: none"> <li>Large stones content</li> <li>Slope</li> <li>Depth to bedrock</li> <li>Gravel content</li> <li>Dusty</li> </ul> <p>Ischua, extremely stony 40%</p> <ul style="list-style-type: none"> <li>Large stones content</li> <li>Slope</li> <li>Gravel content</li> <li>Depth to saturated zone</li> <li>Depth to bedrock</li> </ul> <p>Rockrift 10%</p> <ul style="list-style-type: none"> <li>Slope</li> <li>Gravel content</li> <li>Dusty</li> </ul> <p>Willdin 3%</p> <ul style="list-style-type: none"> <li>Slope</li> <li>Gravel content</li> <li>Depth to saturated zone</li> <li>Dusty</li> </ul> <p>Greter 2%</p> <ul style="list-style-type: none"> <li>Depth to saturated zone</li> <li>Slope</li> <li>Depth to bedrock</li> <li>Dusty</li> </ul>

# Playgrounds

Aggregation Method: Dominant Condition  
Tie-break Rule: Higher

Ontario County, New York  
Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
182B	Mongaup channery loam, 3 to 8 percent slopes	Very limited	Mongaup 75% Slope Depth to bedrock Gravel content Dusty Rockrift 10% Slope Gravel content Dusty Willdin 8% Slope Gravel content Depth to saturated zone Dusty Ischua 5% Slope Gravel content Depth to saturated zone Depth to bedrock Slow water movement Greter 2% Depth to saturated zone Slope Depth to bedrock Dusty
182C	Mongaup channery loam, 8 to 15 percent slopes	Very limited	Mongaup 75% Slope Depth to bedrock Gravel content Dusty Rockrift 10% Slope Gravel content Dusty Willdin 8% Slope Gravel content Depth to saturated zone Dusty Ischua 5% Slope Gravel content Depth to saturated zone Depth to bedrock Slow water movement Greter 2% Depth to saturated zone Slope Depth to bedrock Dusty
201A	Lima loam, 0 to 3 percent slopes	Somewhat limited	Lima 85% Depth to saturated zone Gravel content Dusty Honeoye 5% Gravel content Dusty Cazenovia 2% Depth to saturated zone Slow water movement Dusty



# Playgrounds

Aggregation Method: Dominant Condition  
Tie-break Rule: Higher

Ontario County, New York  
Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
201B	Lima loam, 3 to 8 percent slopes	Somewhat limited	Lima 85% Slope Depth to saturated zone Gravel content Dusty Honeoye 6% Slope Gravel content Dusty Cazenovia 2% Depth to saturated zone Slow water movement Slope Dusty
201C	Lima loam, 8 to 15 percent slopes	Very limited	Lima 85% Slope Depth to saturated zone Gravel content Dusty Honeoye 7% Slope Gravel content Dusty Kendaia 3% Depth to saturated zone Slope Dusty Appleton 3% Depth to saturated zone Slope Gravel content Dusty Cazenovia 2% Slope Depth to saturated zone Slow water movement Dusty
204A	Lima loam, 0 to 3 percent slopes, lower clay surface	Somewhat limited	Lima 85% Depth to saturated zone Gravel content Dusty Honeoye 5% Gravel content Dusty Cazenovia 2% Depth to saturated zone Slow water movement Dusty

# Playgrounds

Aggregation Method: Dominant Condition

Tie-break Rule: Higher

Ontario County, New York

Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
204B	Lima loam, 3 to 8 percent slopes, lower clay surface	Somewhat limited	Lima 85% Slope Depth to saturated zone Gravel content Dusty Honeoye 6% Slope Gravel content Dusty Cazenovia 2% Depth to saturated zone Slow water movement Slope Dusty
210A	Phelps gravelly silt loam, 0 to 3 percent slopes	Very limited	Phelps 85% Gravel content Depth to saturated zone Dusty Homer 5% Depth to saturated zone Dusty
210B	Phelps gravelly silt loam, 3 to 8 percent slopes	Very limited	Phelps 85% Gravel content Depth to saturated zone Slope Dusty Homer 5% Depth to saturated zone Slope Dusty
212A	Nuhi silt loam, 0 to 3 percent slopes	Very limited	Nuhi 85% Depth to saturated zone Dusty Farmington 10% Depth to bedrock Dusty Nuhi, poorly drained 5% Depth to saturated zone Dusty
240B	Aurora-Angola silt loams, 3 to 8 percent slopes	Somewhat limited	Aurora 60% Slow water movement Depth to saturated zone Slope Dusty Depth to bedrock Danley 5% Slow water movement Depth to saturated zone Slope Gravel content Dusty

# Playgrounds

Aggregation Method: Dominant Condition

Tie-break Rule: Higher

Ontario County, New York

Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
240C	Aurora-Angola silt loams, 8 to 15 percent slopes	Very limited	Aurora 60% Slope Slow water movement Depth to saturated zone Dusty Depth to bedrock Angola 30% Depth to saturated zone Slope Depth to bedrock Slow water movement Dusty Danley 5% Slope Slow water movement Depth to saturated zone Gravel content Dusty Darien 5% Depth to saturated zone Slope Slow water movement Dusty
240D	Aurora-Angola silt loams, 15 to 25 percent slopes	Very limited	Aurora 60% Slope Slow water movement Depth to saturated zone Dusty Depth to bedrock Angola 30% Depth to saturated zone Slope Depth to bedrock Slow water movement Dusty Danley 5% Slope Slow water movement Depth to saturated zone Gravel content Dusty Darien 5% Depth to saturated zone Slope Slow water movement Dusty
241B	Aurora silt loam, 3 to 8 percent slopes	Somewhat limited	Aurora 85% Slow water movement Depth to saturated zone Slope Dusty Depth to bedrock Danley 5% Slow water movement Depth to saturated zone Slope Gravel content Dusty

# Playgrounds

Aggregation Method: Dominant Condition

Tie-break Rule: Higher

Ontario County, New York

Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
241C	Aurora silt loam, 8 to 15 percent slopes	Very limited	Aurora 85% Slope Slow water movement Depth to saturated zone Dusty Depth to bedrock Angola 8% Depth to saturated zone Slope Depth to bedrock Slow water movement Dusty Danley 7% Slope Slow water movement Depth to saturated zone Gravel content Dusty
241D	Aurora silt loam, 15 to 25 percent slopes	Very limited	Aurora 85% Slope Slow water movement Depth to saturated zone Dusty Depth to bedrock Danley 10% Slope Slow water movement Depth to saturated zone Gravel content Dusty Angola 5% Depth to saturated zone Slope Depth to bedrock Slow water movement Dusty
255B	Cazenovia silt loam, 3 to 8 percent slopes	Somewhat limited	Cazenovia 85% Depth to saturated zone Slope Slow water movement Dusty Gravel content Cayuga 5% Slow water movement Depth to saturated zone Slope Dusty

# Playgrounds

Aggregation Method: Dominant Condition  
Tie-break Rule: Higher

Ontario County, New York  
Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
255C	Cazenovia silt loam, 8 to 15 percent slopes	Very limited	Cazenovia 85% Slope Depth to saturated zone Slow water movement Dusty Gravel content Cayuga 8% Slope Slow water movement Depth to saturated zone Dusty Ovid 7% Depth to saturated zone Slope Slow water movement Dusty Gravel content
255D	Cazenovia silt loam, 15 to 25 percent slopes	Very limited	Cazenovia 85% Slope Depth to saturated zone Slow water movement Dusty Gravel content Cayuga 10% Slope Slow water movement Depth to saturated zone Dusty Ovid 5% Depth to saturated zone Slope Slow water movement Dusty Gravel content
260B	Cayuga silt loam, 3 to 8 percent slopes	Somewhat limited	Cayuga 85% Slow water movement Depth to saturated zone Slope Dusty Schoharie 10% Slow water movement Depth to saturated zone Slope Dusty
260C	Cayuga silt loam, 8 to 15 percent slopes	Very limited	Cayuga 85% Slope Slow water movement Depth to saturated zone Dusty Schoharie 10% Slope Slow water movement Depth to saturated zone Dusty Odessa 5% Depth to saturated zone Slow water movement Slope Dusty

# Playgrounds

Aggregation Method: Dominant Condition

Tie-break Rule: Higher

Ontario County, New York

Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
260D	Cayuga silt loam, 15 to 25 percent slopes	Very limited	Cayuga 85% Slope Slow water movement Depth to saturated zone Dusty Lansing 10% Slope Dusty Schoharie 5% Slope Slow water movement Depth to saturated zone Dusty
304A	Kendaia loam, 0 to 3 percent slopes	Very limited	Kendaia 85% Depth to saturated zone Dusty Lyons 5% Depth to saturated zone Slow water movement Dusty Churchville 2% Depth to saturated zone Slow water movement Dusty Ovid 2% Depth to saturated zone Slow water movement Dusty Gravel content
304B	Kendaia loam, 3 to 8 percent slopes	Very limited	Kendaia 85% Depth to saturated zone Slope Dusty Lyons 4% Depth to saturated zone Slow water movement Slope Dusty Churchville 2% Depth to saturated zone Slow water movement Slope Dusty Ovid 2% Depth to saturated zone Slow water movement Slope Dusty Gravel content
342A	Angola silt loam, 0 to 3 percent slopes	Very limited	Angola 90% Depth to saturated zone Slow water movement Dusty Ilion 5% Depth to saturated zone Slow water movement Dusty Darrien 5% Depth to saturated zone Slow water movement Dusty

# Playgrounds

Aggregation Method: Dominant Condition

Tie-break Rule: Higher

Ontario County, New York

Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
356A	Ovid silt loam, 0 to 3 percent slopes	Very limited	Ovid 85% Depth to saturated zone Slow water movement Dusty Gravel content Odessa 10% Depth to saturated zone Slow water movement Dusty Lakemont 5% Depth to saturated zone Slow water movement Dusty
356B	Ovid silt loam, 3 to 8 percent slopes	Very limited	Ovid 85% Depth to saturated zone Slow water movement Slope Dusty Gravel content Odessa 10% Depth to saturated zone Slow water movement Slope Dusty Lakemont 5% Depth to saturated zone Slow water movement Dusty
357B	Ovid silty clay loam, 3 to 8 percent slopes	Very limited	Ovid 85% Depth to saturated zone Slow water movement Slope Dusty Gravel content Odessa 10% Depth to saturated zone Slow water movement Slope Dusty Lakemont 5% Depth to saturated zone Slow water movement Dusty
357C	Ovid silty clay loam, 8 to 15 percent slopes	Very limited	Ovid 85% Depth to saturated zone Slope Slow water movement Dusty Gravel content Odessa 10% Depth to saturated zone Slow water movement Slope Dusty Lakemont 5% Depth to saturated zone Slow water movement Dusty

# Playgrounds

Aggregation Method: Dominant Condition  
Tie-break Rule: Higher

Ontario County, New York  
Survey Area Version and Date: 13 - 09/24/2016

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
400A	Udorthents, loamy, 0 to 3 percent slopes	Very limited	Udorthents, Loamy 80% Gravel content Too sandy Dusty Howard 5% Gravel content Dusty Slope
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%



# Playgrounds

## Rating Options

Attribute Name: Playgrounds

Playgrounds are areas used intensively for games, such as baseball and football, and similar activities. Playgrounds require soils that are nearly level, are free of stones, and can withstand intensive foot traffic.

The ratings are based on the soil properties that affect the ease of developing playgrounds and that influence trafficability and the growth of vegetation after development. Slope and stoniness are the main concerns affecting the development of playgrounds. For good trafficability, the surface of the playgrounds should absorb rainfall readily, remain firm under heavy foot traffic, and not be dusty when dry. The soil properties that influence trafficability are texture of the surface layer, depth to a water table, ponding, flooding, saturated hydraulic conductivity (Ksat), and large stones. The soil properties that affect the growth of plants are depth to bedrock or a cemented pan, saturated hydraulic conductivity (Ksat), and toxic substances in the soil.

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

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

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

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

Aggregation Method: Dominant Condition

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

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