



**Department of
Environmental
Conservation**

Maps of:

- Land Cover,
- Roads and Topography,
- Soil Series and Drainage Classes, and
- Water Resources and Special Management Zones

McDonough **UNIT MANAGEMENT PLAN**

DRAFT

Towns of McDonough, Preston & Smithville

County of Chenango

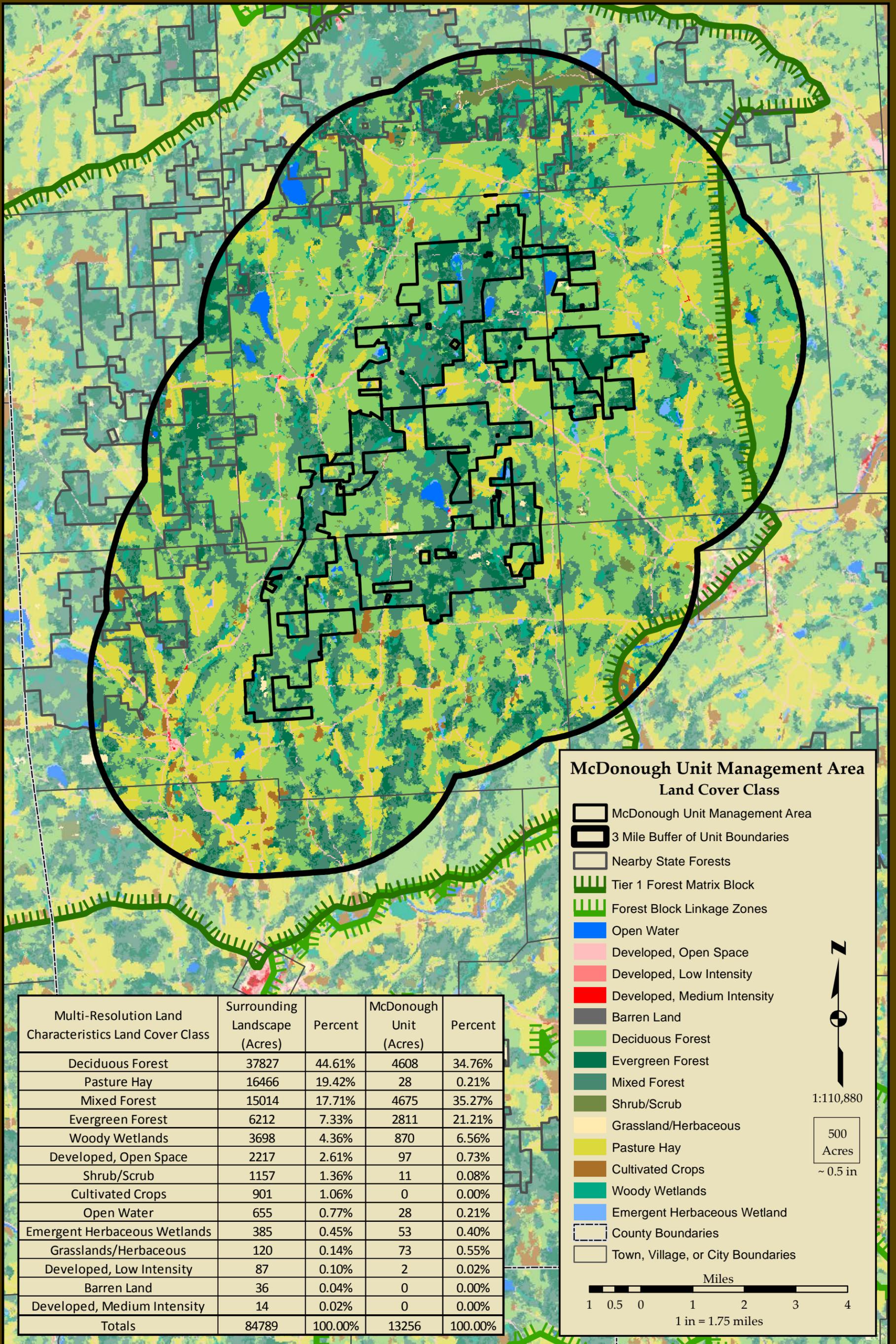
June 2019

DIVISION OF LANDS AND FORESTS
Bureau of State Land Management, Region 7

2715 State Highway 80
Sherburne, NY 13460

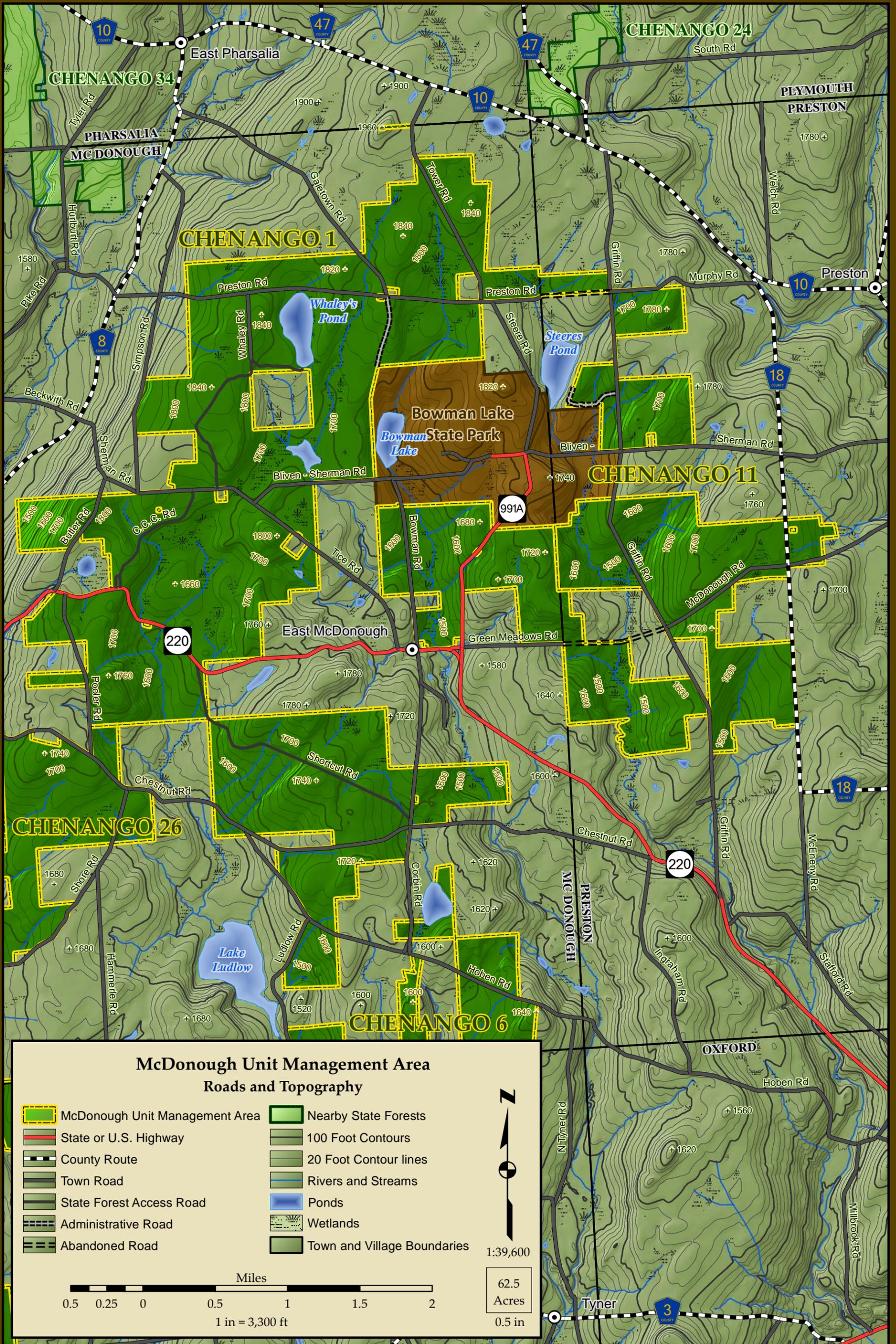
Land Cover within 3 Miles of the McDonough Unit Management Area

USGS National Land Cover Multi-Resolution Land Characteristics



Roads and Topography

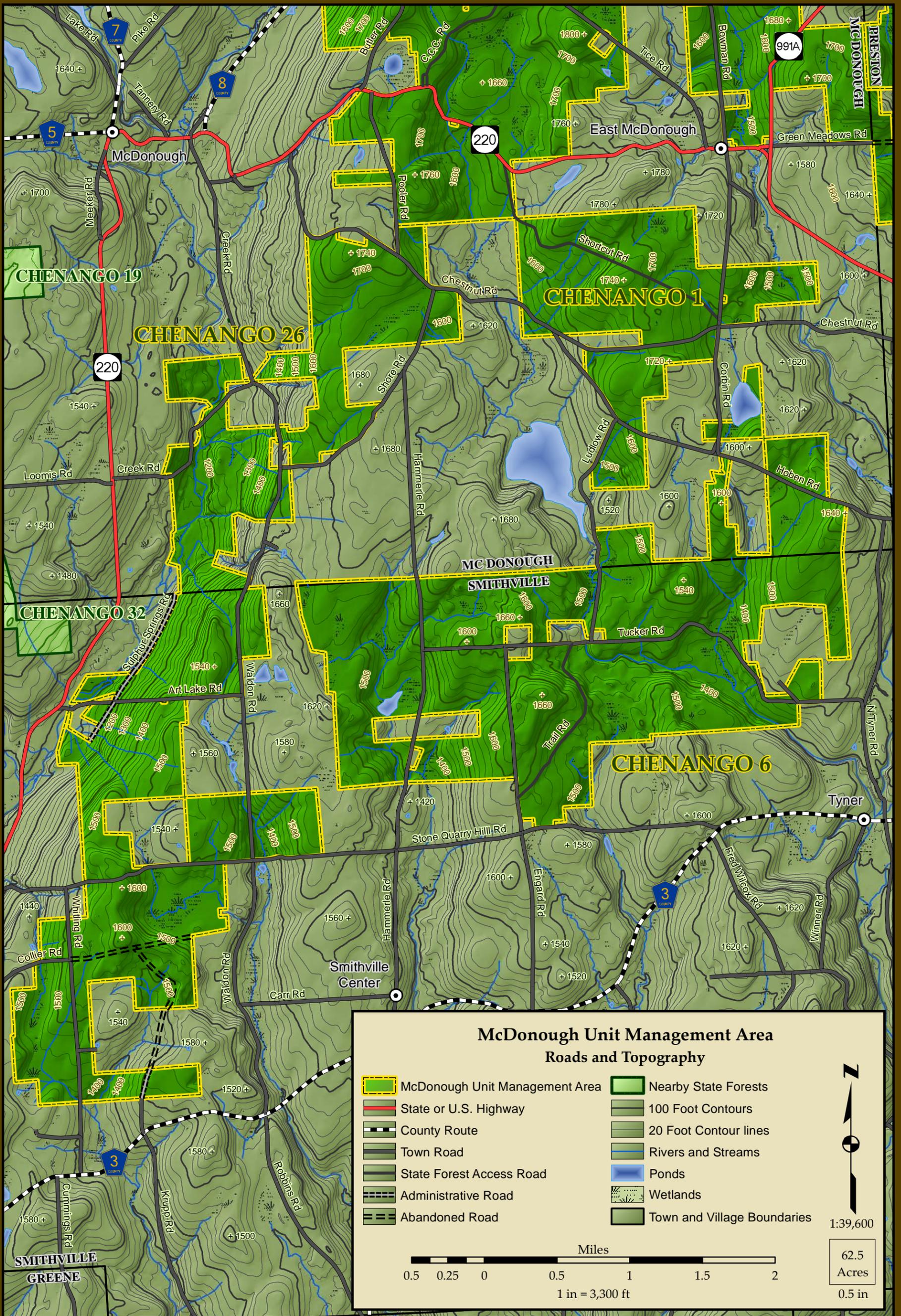
Chenango Reforestation Areas #1 and 11: McDonough State Forest



Roads and Topography

Chenango Reforestation Area #6: Ludlow Creek State Forest

Chenango Reforestation Area #26: Genegantslet State Forest



Soil Series and Drainage Classes

Chenango Reforestation Areas #1 and 11: McDonough State Forest



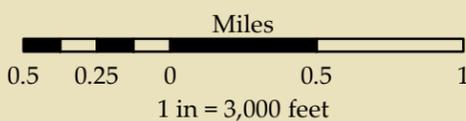
McDonough Unit Management Area Soil Series and Drainage Classes

Soil Drainage Class

- Well drained
- Moderately well drained
- Somewhat poorly drained
- Poorly drained
- Very poorly drained
- Water
- Quarries
- Wetlands

- McDonough Unit Management Area
- State Highway
- County Route
- Town Road
- State Forest Access Road
- Administrative Road
- Abandoned Road
- Rivers and Streams
- County Boundaries
- Town Boundaries

62.5
Acres
0.5 in



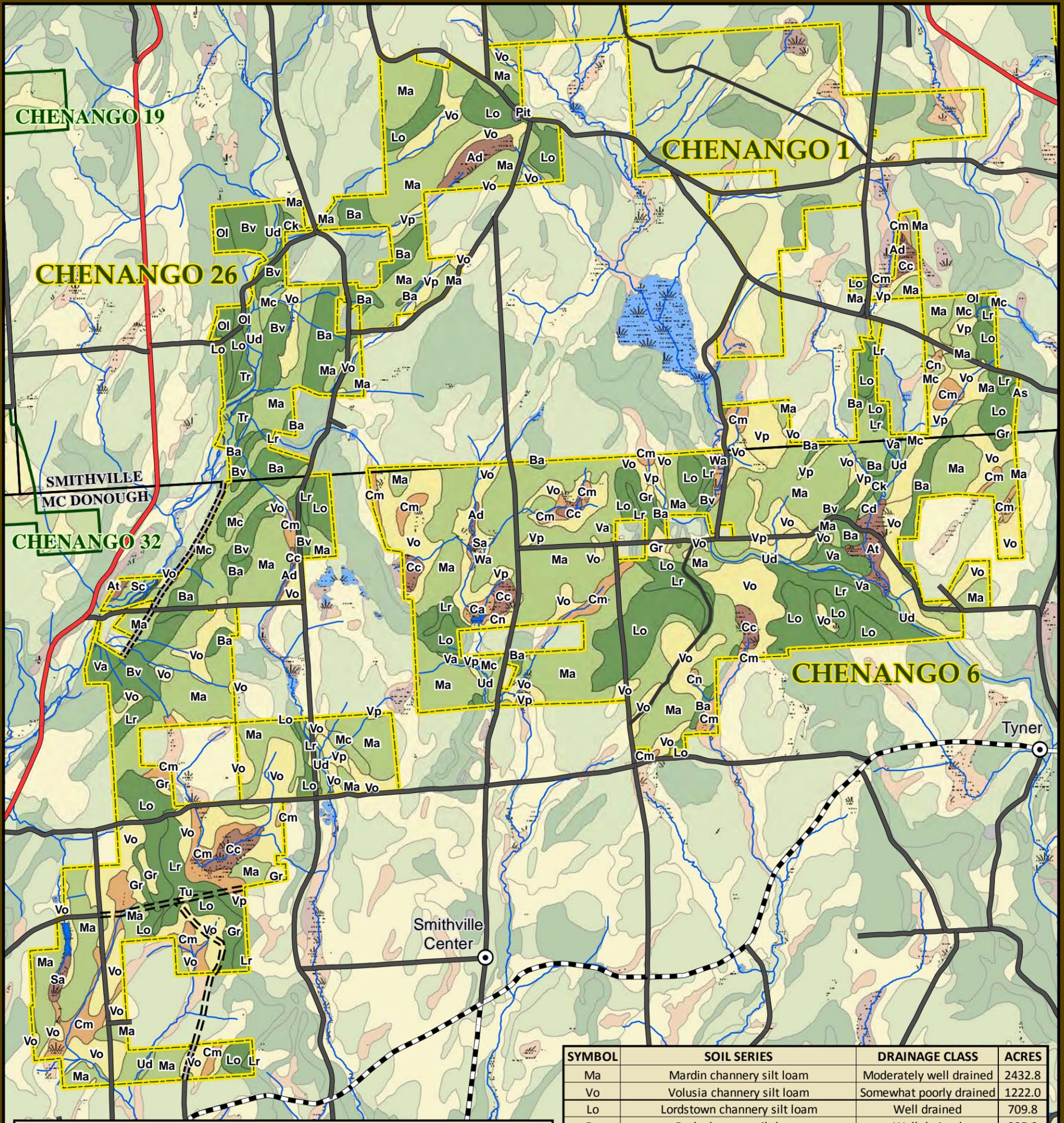
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SYMBOL	SOIL SERIES	DRAINAGE CLASS	ACRES
Ma	Mardin channery silt loam	Moderately well drained	2703.7
Vo	Volusia channery silt loam	Somewhat poorly drained	1173.6
Lo	Lordstown channery silt loam	Well drained	733.6
Vp	Volusia and Morris very stony silt loams	Somewhat poorly drained	366.5
Cn	Chippewa and Norwich very stony silt loams	Poorly drained	317.5
Cm	Chippewa and Norwich soils	Poorly drained	263.4
Lr	Lordstown and Oquaga channery silt loams	Well drained	234.4
Mc	Mardin and Wellsboro very stony silt loams	Moderately well drained	207.9
Ba	Bath channery silt loam	Well drained	201.4
Cc	Carlisle muck	Very poorly drained	180.6
Bv	Bath-Valois gravelly silt loams	Well drained	111.5
Gr	Greene silt loam	Somewhat poorly drained	65.6
W	Water	Water	53.8
Mb	Mardin and Lackawanna very stony silt loams	Moderately well drained	43.6
Ud	Udifluvents-Fluvaquents complex, frequently flooded	Moderately well drained	30.6
At	Atherton silt loam	Very poorly drained	29.5
Ad	Alden silt loam	Very poorly drained	28.6
Wa	Wayland silt loam	Poorly drained	23.3
Ck	Chenango channery silt loam, fan	Well drained	21.9
Va	Valois gravelly silt loam	Well drained	18.4
Th	Teel silt loam, somewhat poorly drained	Somewhat poorly drained	13.2
Cd	Castile gravelly silt loam	Moderately well drained	9.9
Ol	Oquaga and Lordstown very stony silt loams	Well drained	6.3
Pit	Pits, quarry	Quarries	1.9
As	Arnot channery silt loam	Well drained	0.3
Sa	Sapristis and Aqunts, ponded	Very poorly drained	0.1

Soil Series and Drainage Classes

Chenango Reforestation Area #6: Ludlow Creek State Forest

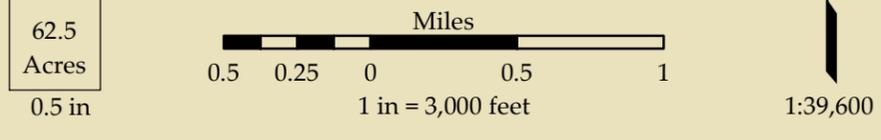
Chenango Reforestation Area #26: Genegantslet State Forest



McDonough Unit Management Area Soil Series and Drainage Classes

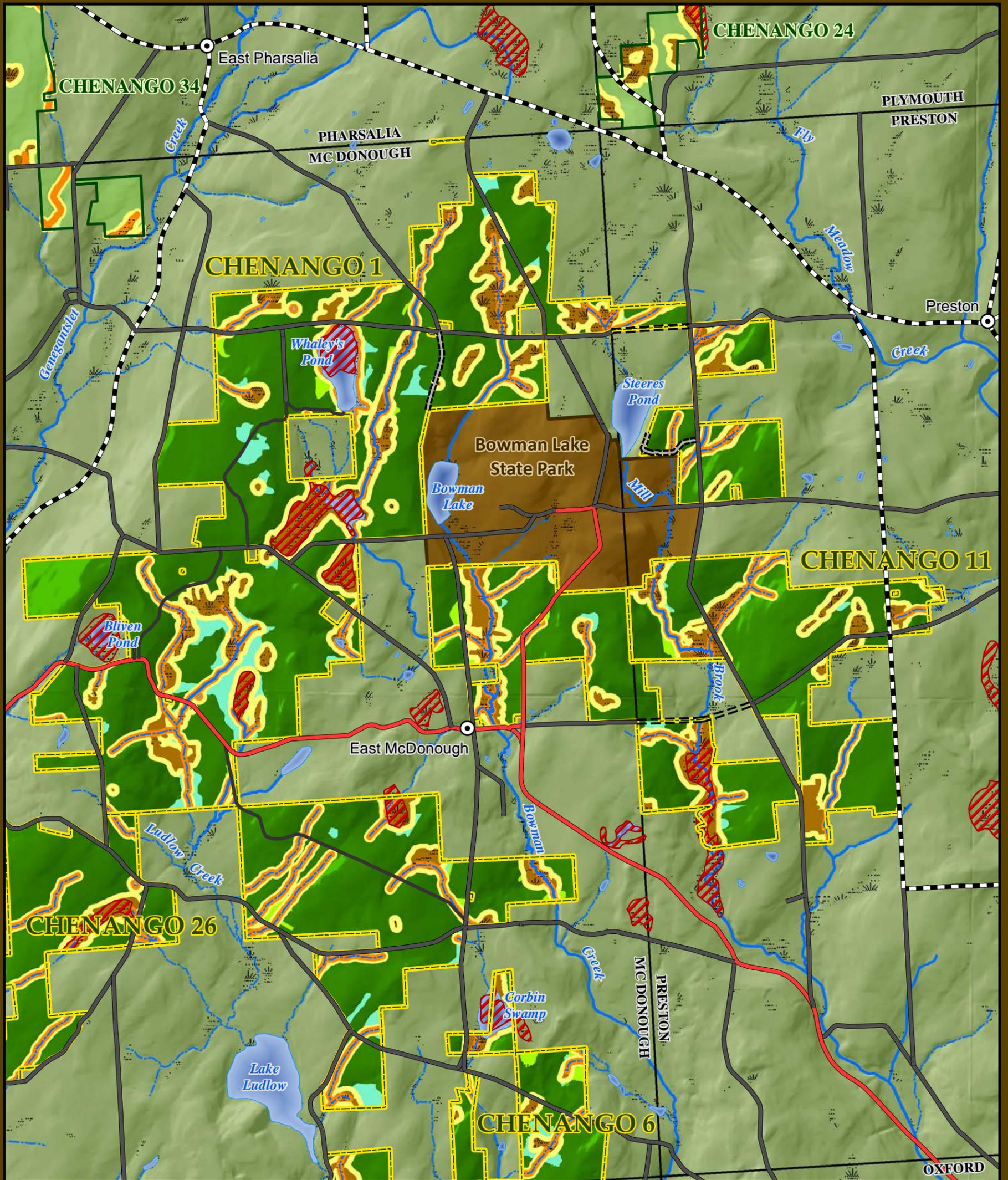
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|----------------------------|--------------------------------|
| Soil Drainage Class | McDonough Unit Management Area |
| Well drained | State Highway |
| Moderately well drained | County Route |
| Somewhat poorly drained | Town Road |
| Poorly drained | State Forest Access Road |
| Very poorly drained | Administrative Road |
| Water | Abandoned Road |
| Quarries | Rivers and Streams |
| Wetlands | County Boundaries |
| | Town Boundaries |

SYMBOL	SOIL SERIES	DRAINAGE CLASS	ACRES
Ma	Mardin channery silt loam	Moderately well drained	2432.8
Vo	Volusia channery silt loam	Somewhat poorly drained	1222.0
Lo	Lordstown channery silt loam	Well drained	709.8
Ba	Bath channery silt loam	Well drained	325.8
Lr	Lordstown & Oquaga channery silt loams	Well drained	277.6
Cm	Chippewa & Norwich soils	Poorly drained	275.0
Bv	Bath-Valois gravelly silt loams	Well drained	238.0
Vp	Volusia & Morris very stony silt loams	Somewhat poorly drained	236.8
Ud	Udifluvents-Fluvaquents complex	Moderately well drained	135.3
Cc	Carlisle muck	Very poorly drained	85.5
Mc	Mardin & Wellsboro very stony silt loams	Moderately well drained	76.2
Va	Valois gravelly silt loam	Well drained	72.9
Gr	Greene silt loam	Somewhat poorly drained	47.6
Ol	Oquaga & Lordstown very stony silt loams	Well drained	46.5
Ad	Alden silt loam	Very poorly drained	46.0
At	Atherton silt loam	Very poorly drained	43.3
Tr	Trestle silt loam	Well drained	22.2
Sc	Scio silt loam	Moderately well drained	18.5
Wa	Wayland silt loam	Poorly drained	16.1
Sa	Saprists & Aquent	Very poorly drained	13.7
W	Water	Water	12.0
Ck	Chenango channery silt loam	Well drained	11.5
Cn	Chippewa & Norwich very stony silt loams	Poorly drained	10.7
Ca	Canandaigua silt loam	Poorly drained	10.2
Cd	Castile gravelly silt loam	Moderately well drained	4.8
Pit	Pits & quarries	Quarries	3.2
Tu	Tuller channery silt loam	Somewhat poorly drained	2.8
As	Arnot channery silt loam	Well drained	2.8



Water Resources and Special Management Zones

Chenango Reforestation Areas #1 and 11: McDonough State Forest

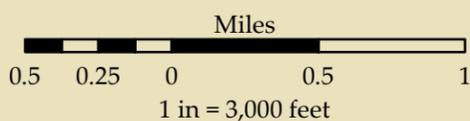


McDonough Unit Management Area Water Resources and Special Management Zones

- McDonough Unit Management Area
- Nearby State Forests
- NYS DEC Regulatory Freshwater Wetlands
- National Wetlands Inventory
- Ponds
- Protected Streams
- Streams

- Special Management Zones**
- Protection Buffer*
- Equipment Exclusion Zone
- 75 Percent Retention SMZ*
- State Forest Protection Stands**
- Wetland Stands
- Riparian Stands

- State Highway
- County Route
- Town Road
- State Forest Access Road
- Administrative Road
- Abandoned Road
- Town Boundary



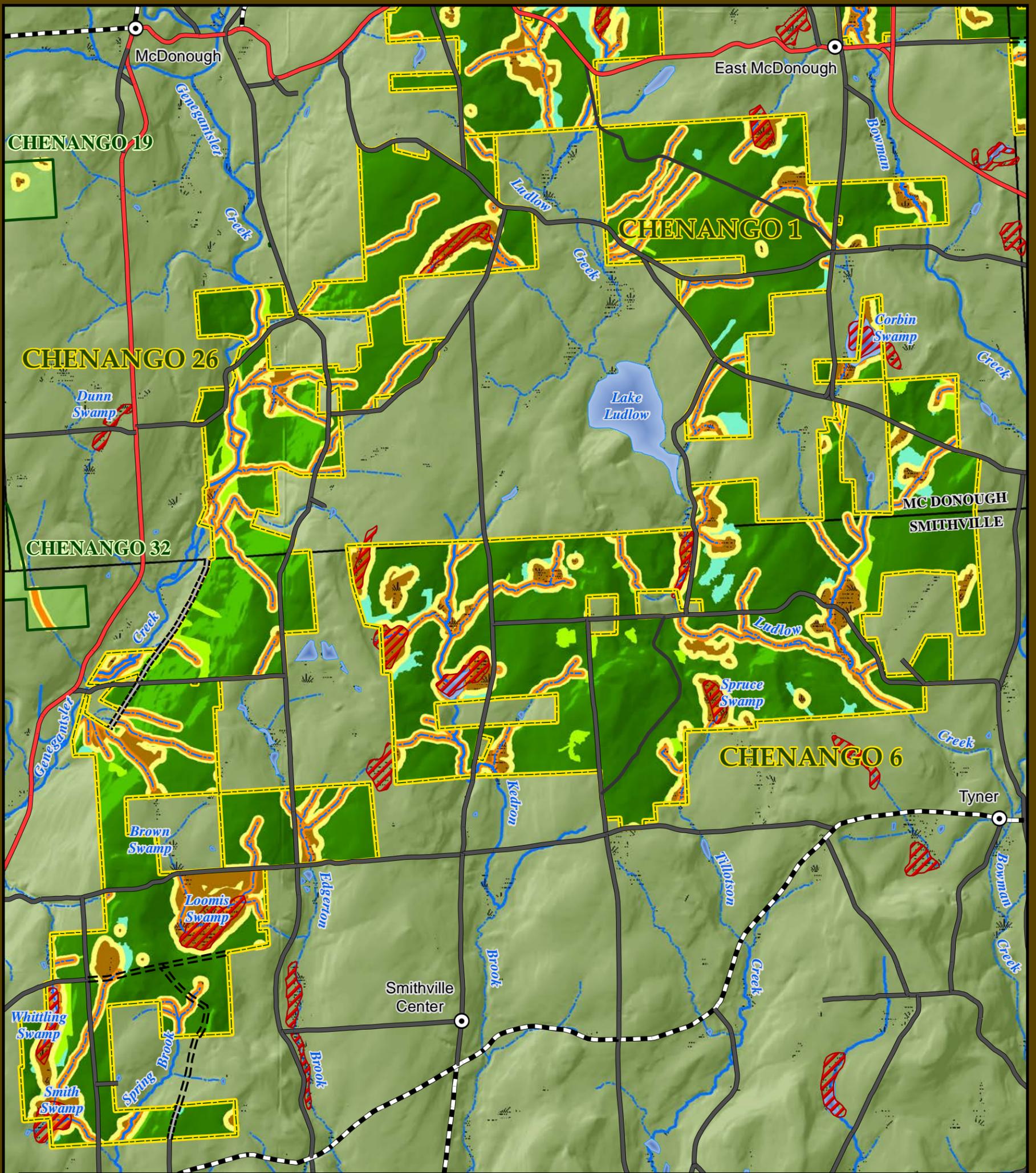
* Buffer not to scale for display purposes



Water Resources and Special Management Zones

Chenango Reforestation Area #6: Ludlow Creek State Forest

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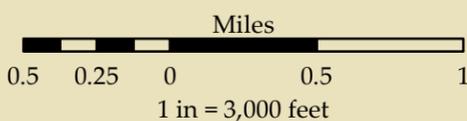
Special Management Zones

- Protection Buffer*
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