

### Other

C: Sporting dog training/testing appears to be omitted from this plan. What is the explanation for this? If activities as impactful as timber harvests & mowing of both grasslands & shrublands is planned, the training and testing of bird dogs, retrievers, etc. should not be excluded.

*R: Not all public uses of State forests are identified in the plan. We certainly recognize and attempt to accommodate a wide range of recreational activities. The final plan has been modified to include dog training/testing as one of many recreational uses on the unit (p.48).*

C: Change from 2007 UMP where Unit consisted of Tioughnioga WMA and not Nelson Swamp. – Change should be noted.

*R: The plan has been revised to note the change. The 2007 Final Tioughnioga Unit Management Plan consisted of DeRuyter, Morrow Mountain and Stoney Pond State Forests and the Tioughnioga Wildlife Management Area (WMA). The current plan consists of the same three state forests and Nelson Swamp Unique Area (UA). For the current plan, the WMA was dropped and the UA added.*

C: [What is the location of] Shale pit?

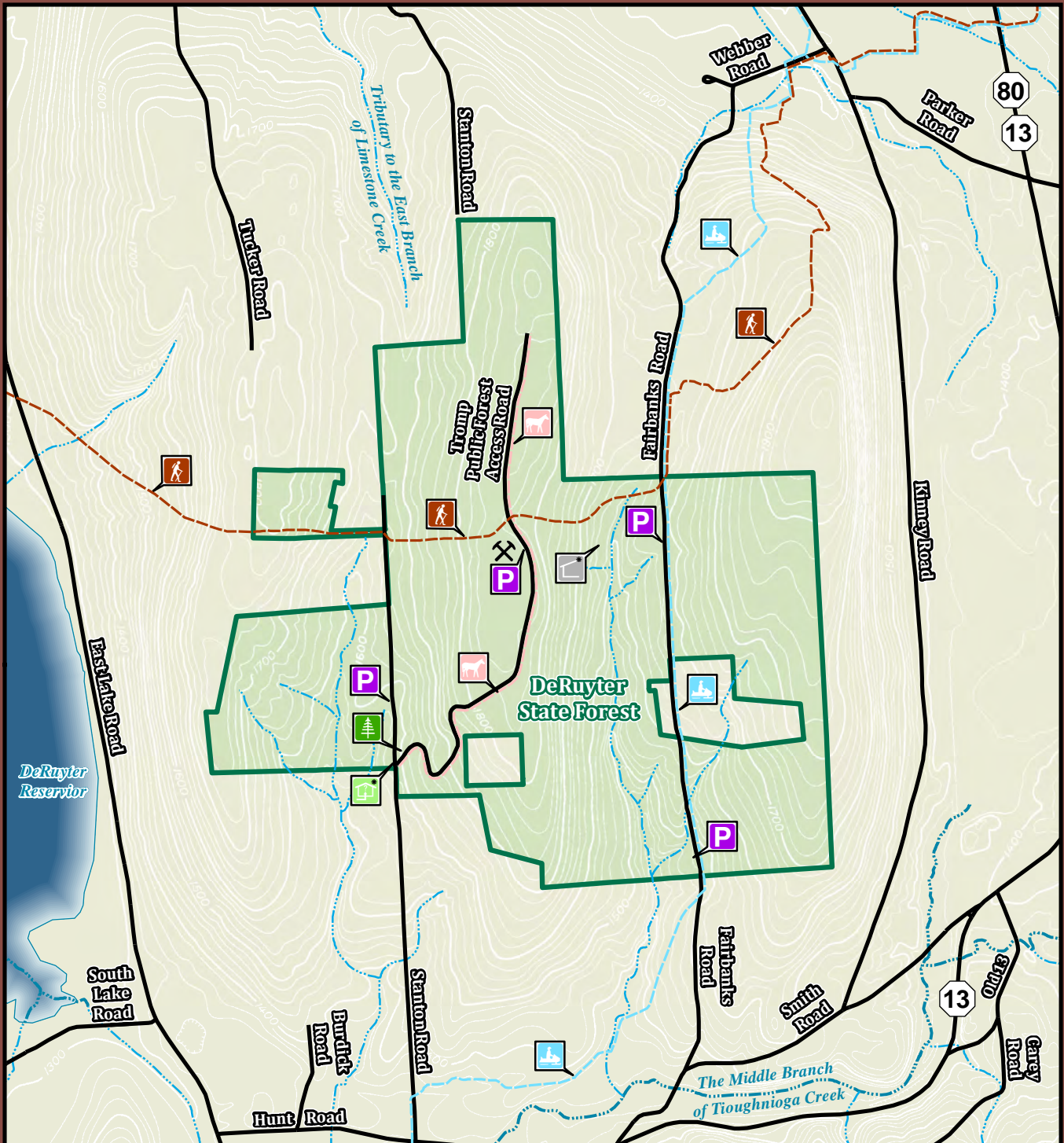
*R: The shale pit is located on DeRuyter State Forest. A shale pit symbol has been added to the DeRuyter State Forest Recreation, Facilities, Road and Topography map.*

C: More outreach is needed to make State Forests more well known to the general public as compared to the Wildlife Management Areas. The public needs more education on the difference between SF and WMA

*R: Action 4.4.2 addresses this issue. Public programs provide opportunities for engaging citizens, conservation organizations and students in a dialogue about forest history, ecology and management of state land properties.*

### VII. MAPS

# Recreation, Facilities, Roads, and Topography of DeRuyter State Forest



DeRuyter SF

State Forest Sign

Kiosk \*Proposed

Lean-to \*Proposed

Designated Parking Area

Horse Carriage Trail

Snowmobile Trail

NCNST

Scale 1:25,000

0 1/4 1/2 3/4 1 2 Miles

# Soil Series and Drainage Classes of DeRuyter State Forest



- |                                 |                                       |                                   |
|---------------------------------|---------------------------------------|-----------------------------------|
| ■ Open Water                    | ■ Hr - Herkimer channery silt loam    | ■ Hy - Honeoye silt loam          |
| ■ Au - Alluvial land            | ■ Ld - Lordstown channery silt loam   | ■ Li - Lima silt loam             |
| ■ Ca - Carlisle muck            | ■ St - Stockbridge channery silt loam | ■ Ly - Lyons silt loam            |
| ■ Pa - Palms muck               | ■ Ma - Mardin channery silt loam      | ■ Te - Teel silt loam             |
| ■ Al - Alden mucky s. loam      | ■ Tu - Tuller channery silt loam      | ■ Wy - Wayland silt loam          |
| ■ Fn - Fonda mucky s. loam      | ■ Vo - Volusia channery silt loam     | ■ Hw - Howard fine sandy loam     |
| ■ Ap - Appleton loam            | ■ Cd - Canandaigua silt loam          | ■ Lm - Lamson v. fine sandy loam  |
| ■ Ar-Ld - Arnot-Lordstown cplex | ■ Ch - Chippewa silt loam             | ■ Pl - Palmyra gravelly loam      |
| ■ Ld-Ar - Lordstown-Arnot cplex | ■ Cl - Collamer silt loam             | ■ La - Lansing gravelly silt loam |
| ■ Ar - Arnot channery silt loam | ■ Co - Conesus silt loam              | ■ Ho - Howard gravelly silt loam  |
| ■ Ba - Bath channery silt loam  | ■ Fr - Fredon silt loam               | ■ Ph - Phelps gravelly silt loam  |
| ■ Bv - Bath various             | ■ Ha - Halsey silt loam               | ■ St-Ho - Stockbridge-Howard gsl. |

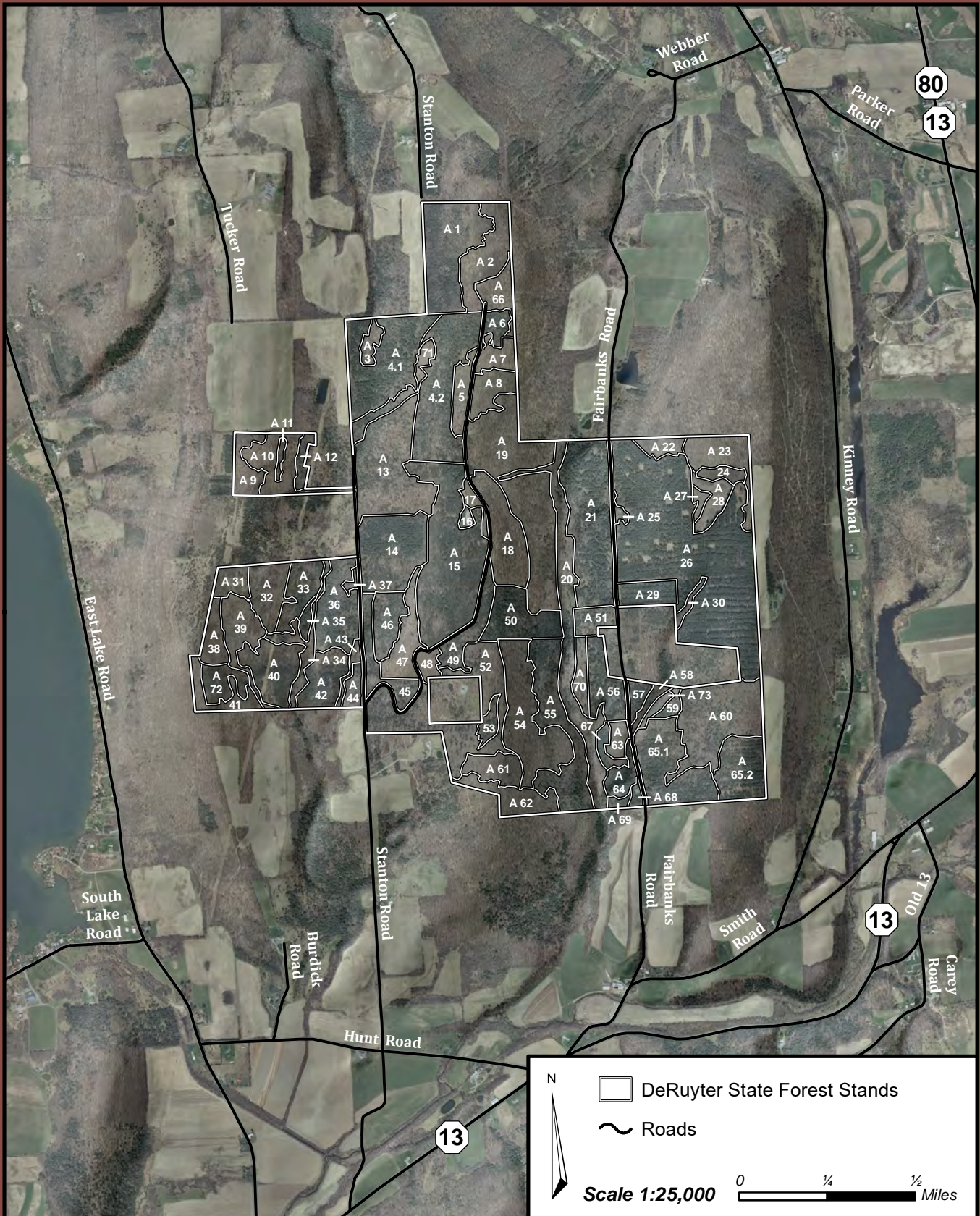
- |                            |                           |                       |
|----------------------------|---------------------------|-----------------------|
| ■ Somewhat Excess. Drained | ■ Moderately Well Drained | ■ Poorly Drained      |
| ■ Well Drained             | ■ Somewhat Poorly Drained | ■ Very Poorly Drained |



Scale 1:25,000

0 ¼ ½ ¾ 1 2 Miles

# Stand Mosaic of DeRuyter State Forest



## Current Cover Types and Management Direction of DeRuyter State Forest



### Management Direction

- Uneven Aged
- Even Aged
- Protection
- Natural Area
- Open/Brush/Other

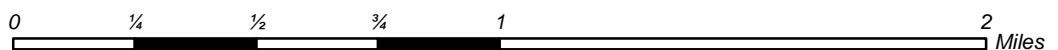
### Cover Type

- Cedar
- Hemlock
- Hemlock and White Pine
- Northern Hardwood
- Northern Hardwood and Hemlock
- N. Hardwood with Pine or Spruce
- Plantation Mixed Softwoods

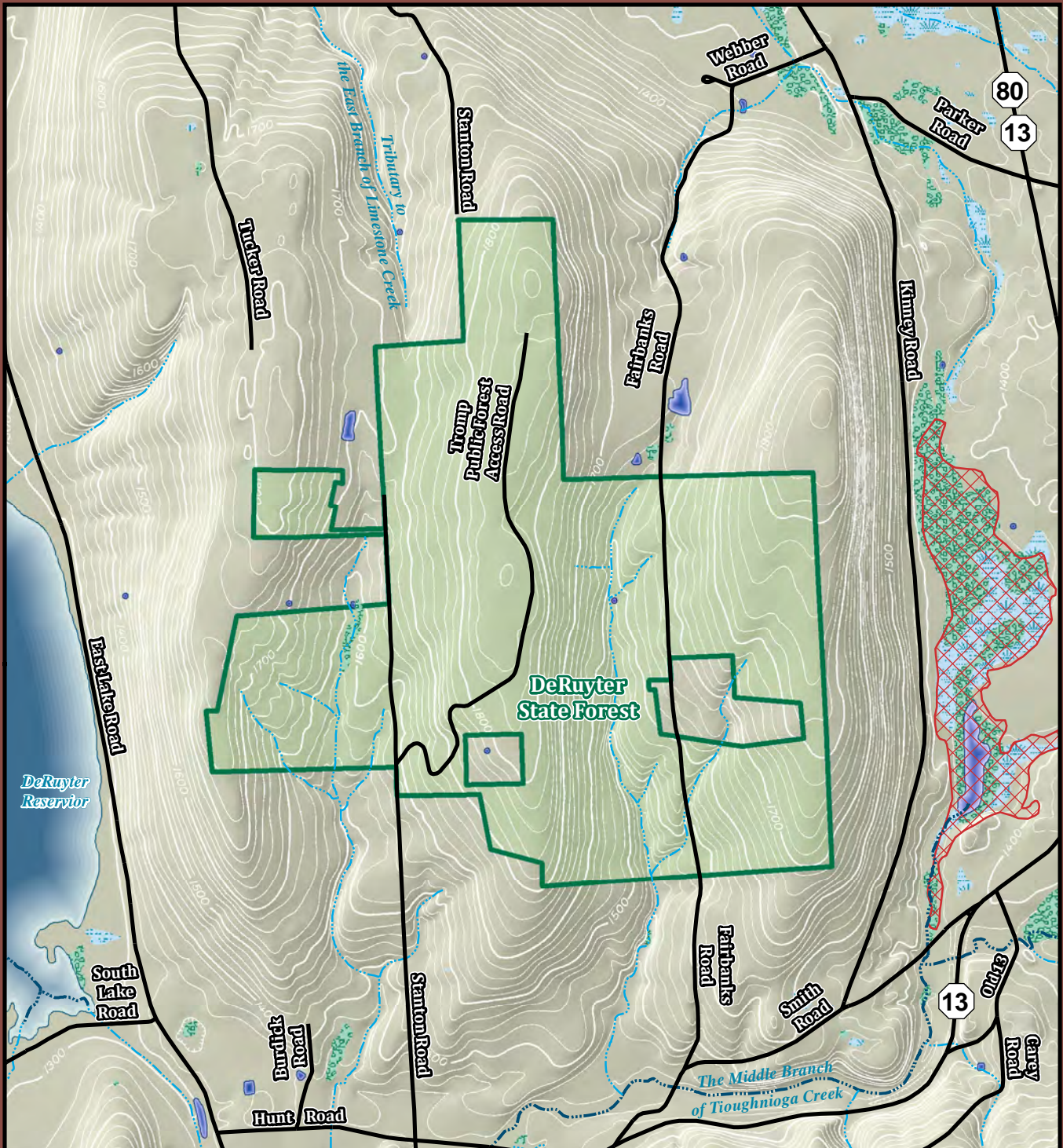
- Plantation Pine
- Plantation Pine with Hardwood
- Plantation Spruce
- Plantation Spruce with Hardwood
- Shrublands
- Open Fields
- Wet with Alder or Open
- Pond or Open Water



Scale 1:25,000



# Water Resources of DeRuyter State Forest



DeRuyter SF

NYS Regulatory Wetland

Other Streams

Protected Streams

Freshwater Emergent Wetland

Freshwater Forest/Shrub Wetland

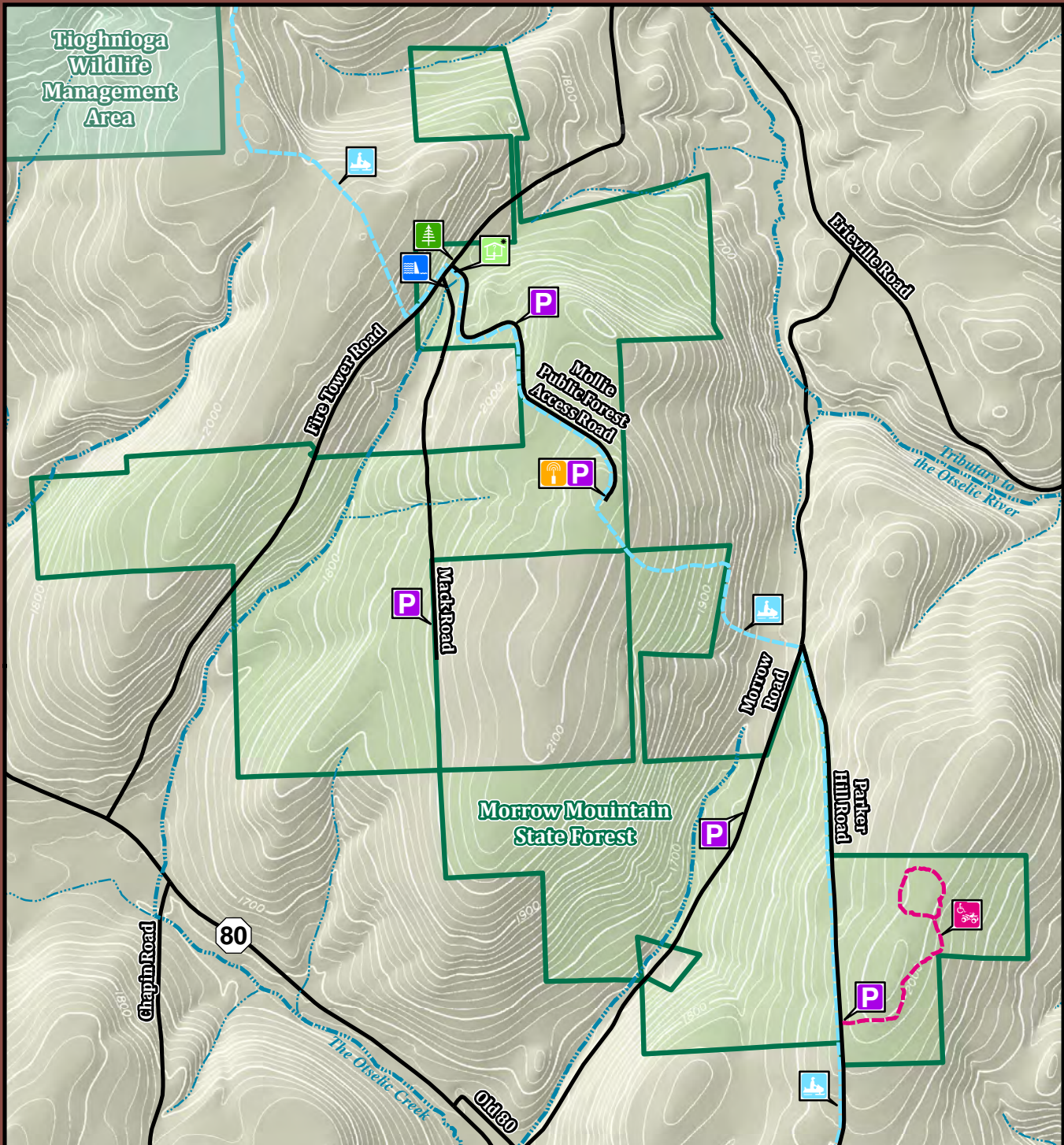
Lake

Pond

Scale 1:25,000

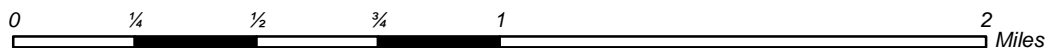
0 1/4 1/2 3/4 1 2 Miles

# Recreation, Facilities, Roads, and Topography of Morrow Mountain State Forest

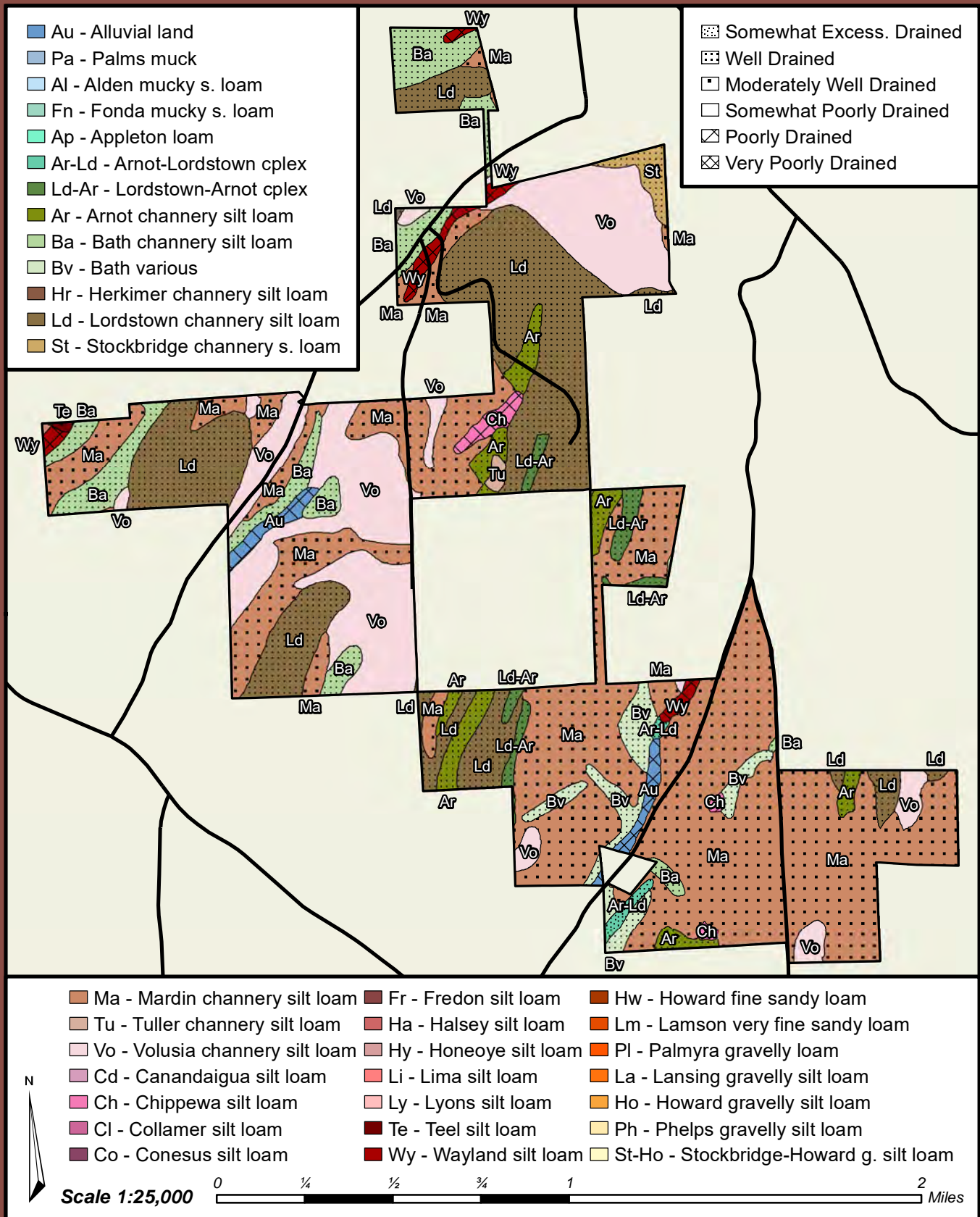


- |                    |                   |                         |                                    |
|--------------------|-------------------|-------------------------|------------------------------------|
| Morrow Mountain SF | State Forest Sign | Designated Parking Area | Snowmobile Trail                   |
| Kiosk *Proposed    | Dam Impoundment   | Communications Tower    | Motorized Access (Permit Required) |

Scale 1:25,000



# Soil Series and Drainage Classes of Morrow Mountain State Forest








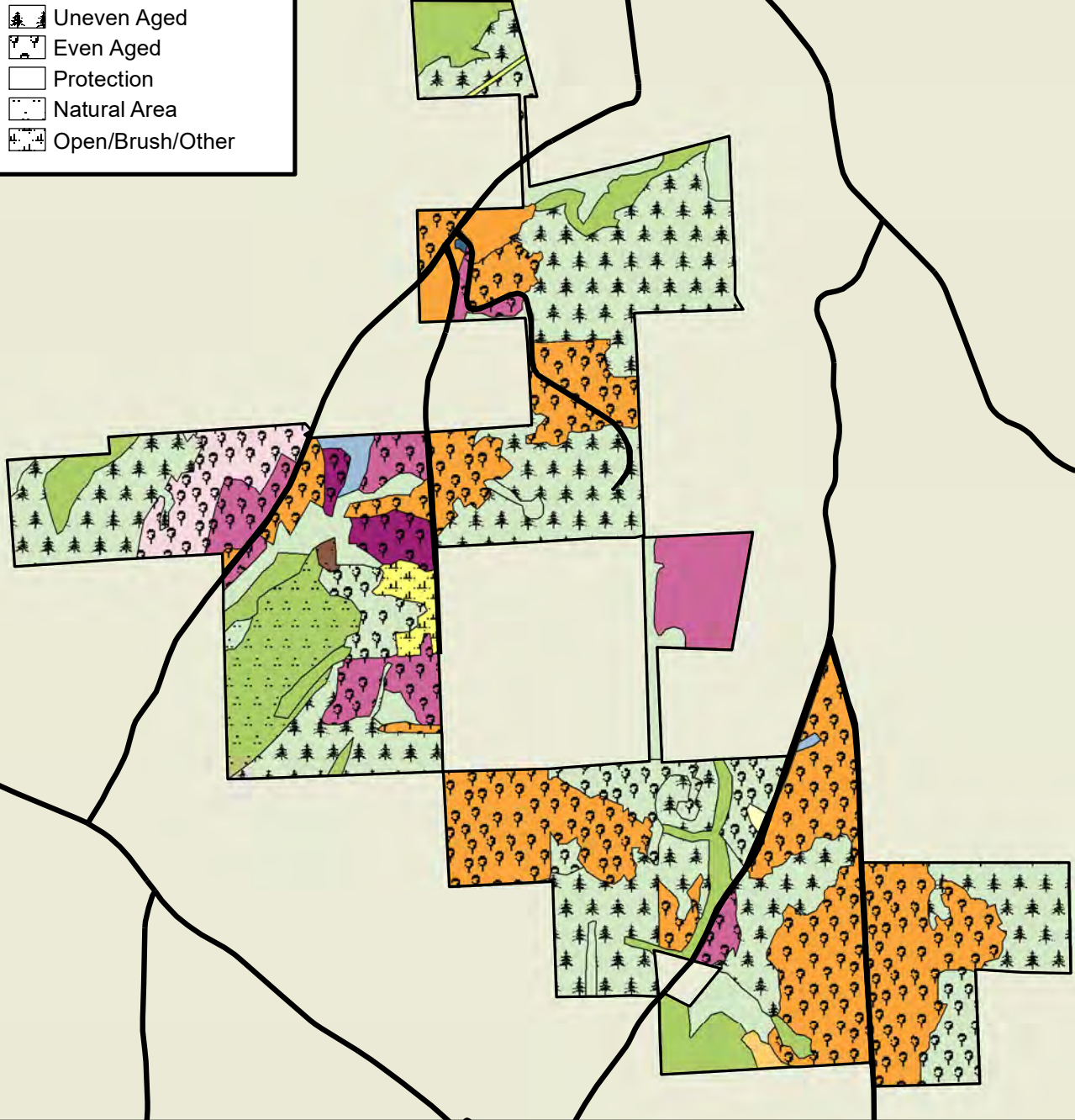
# Stand Mosaic of Morrow Mountain State Forest







# Current Cover Type and Management Direction of Morrow Mountain State Forest






## Management Direction






-  Uneven Aged
-  Even Aged
-  Protection
-  Natural Area
-  Open/Brush/Other



## Cover Type

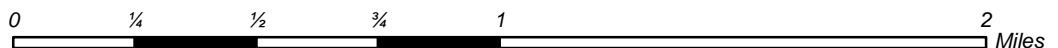
-  Shrublands
-  Open Fields
-  Wet with Alder or Open
-  Pond or Open Water

-  Hemlock
-  Hemlock and White Pine
-  Northern Hardwood
-  N. H. and Hemlock
-  N. H. with Pine or Spruce

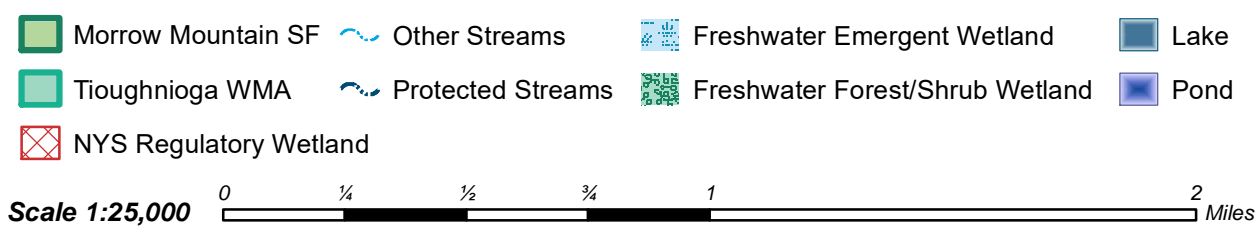
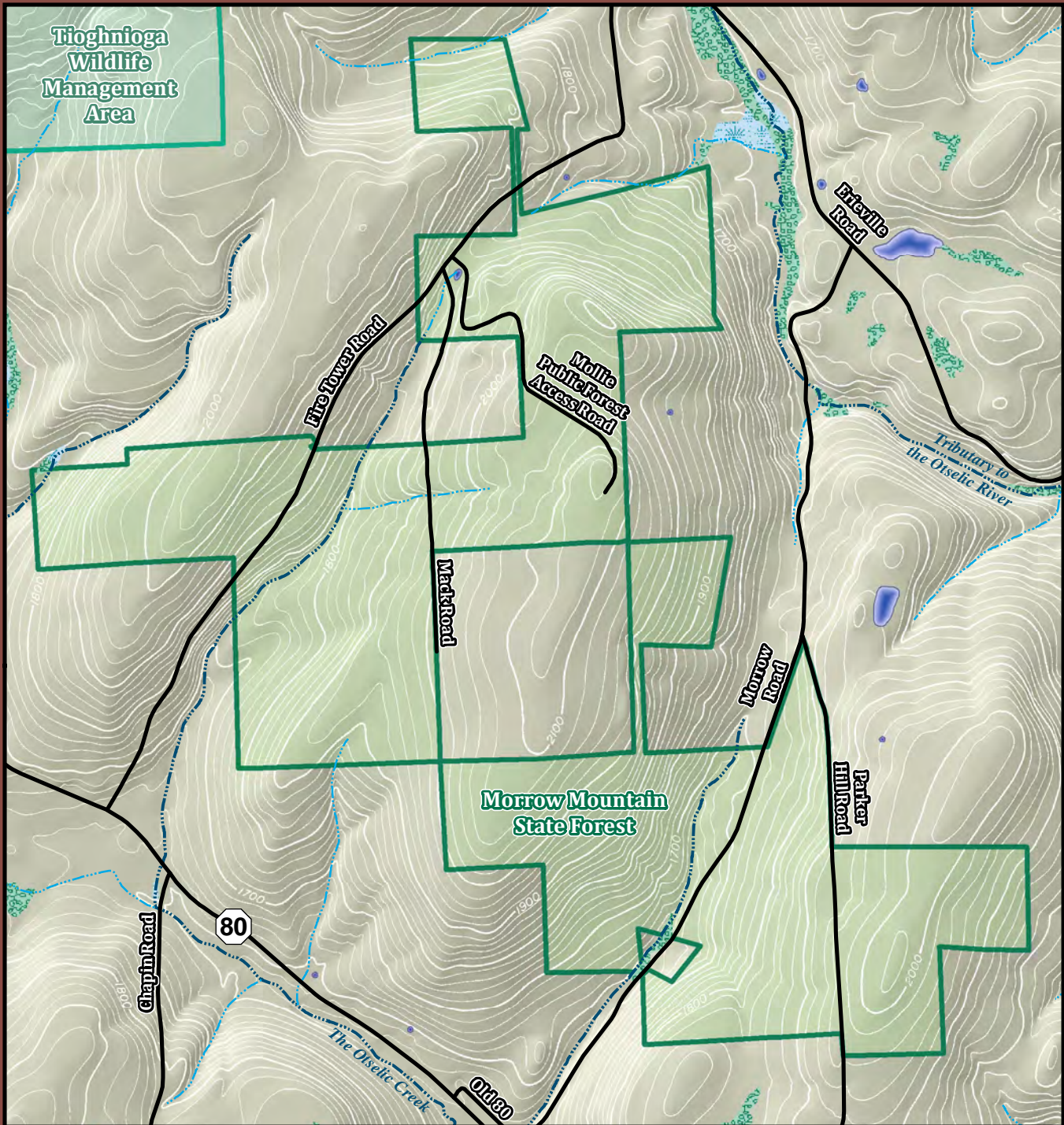
-  Plantation Mixed Softwoods
-  Plantation Pine
-  Plantation Pine with Hardwood
-  Plantation Spruce
-  Plantation Spruce with Hardwood



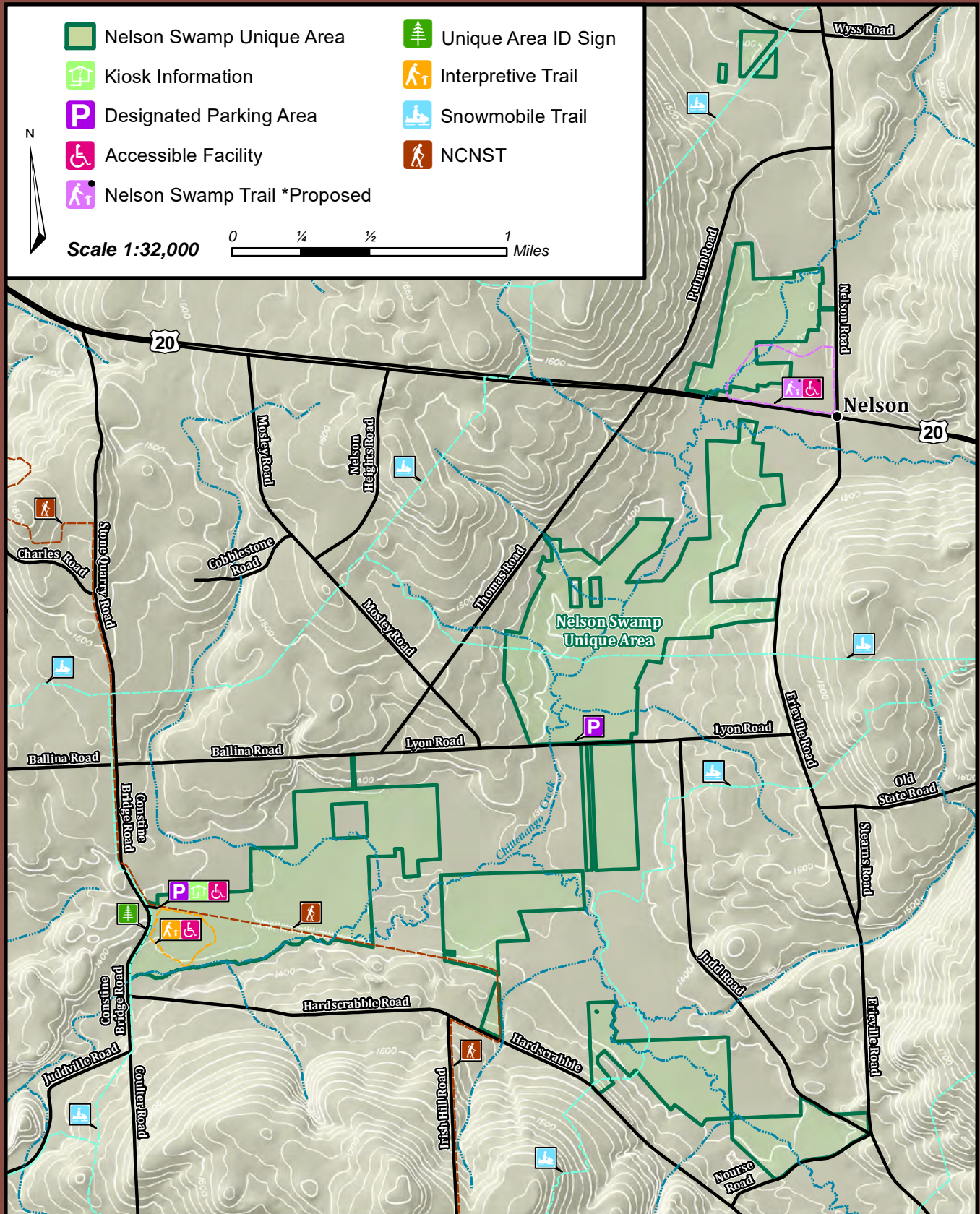
Scale 1:25,000



# Water Resources of Morrow Mountain State Forest

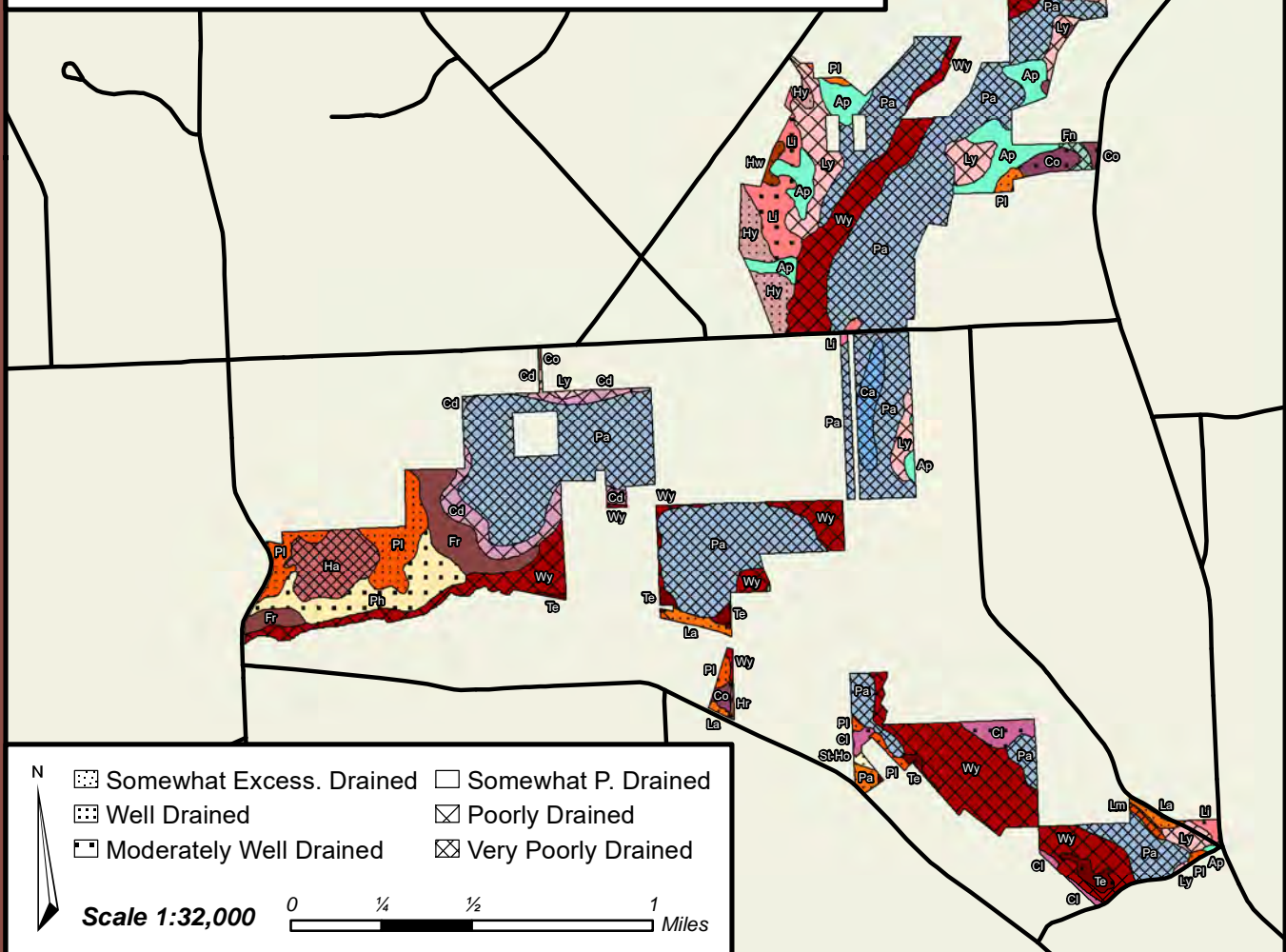


# Recreation, Facilities, Roads, and Topography of Nelson Swamp Unique Area

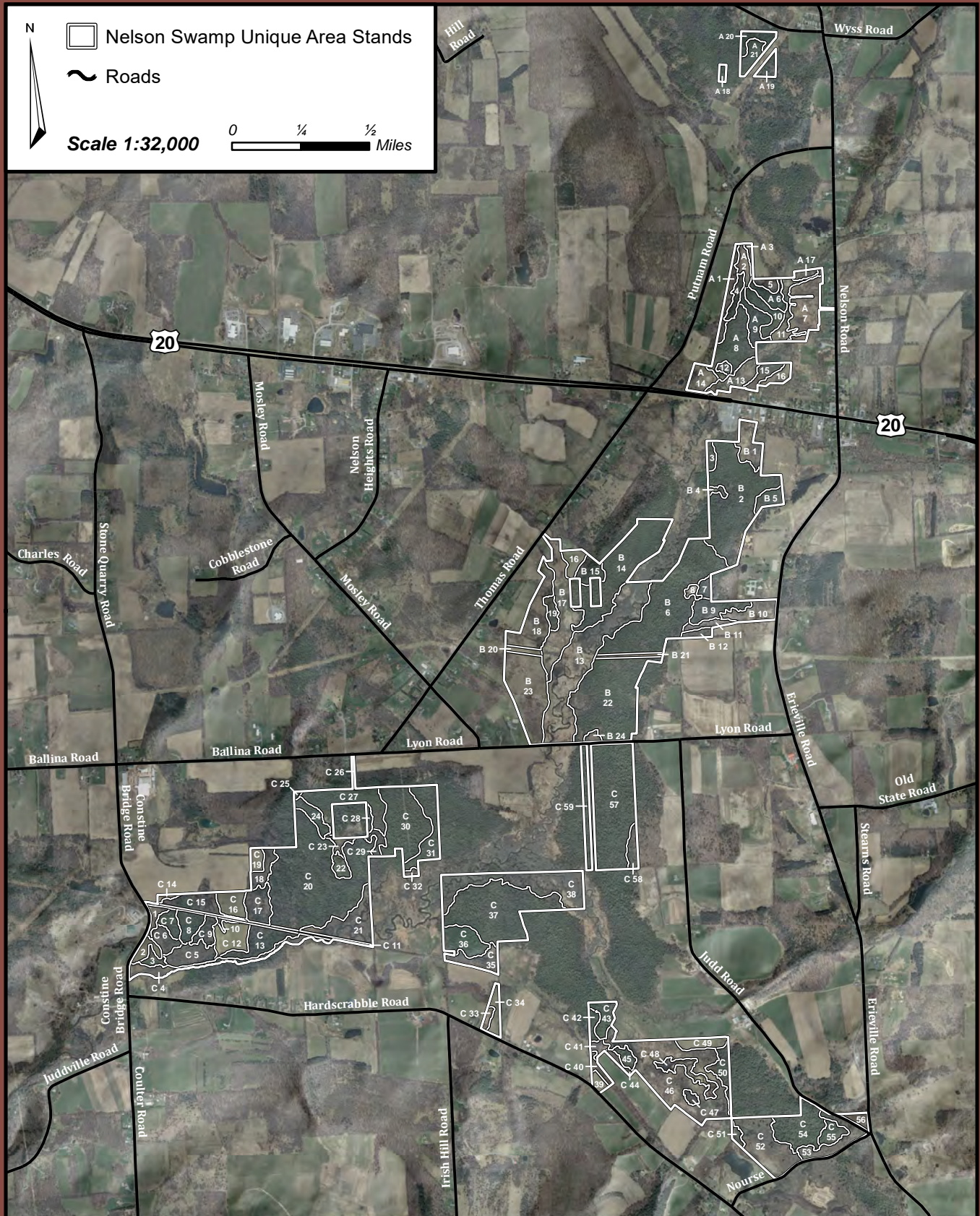


# Soil Series and Drainage Classes of Nelson Swamp Unique Area

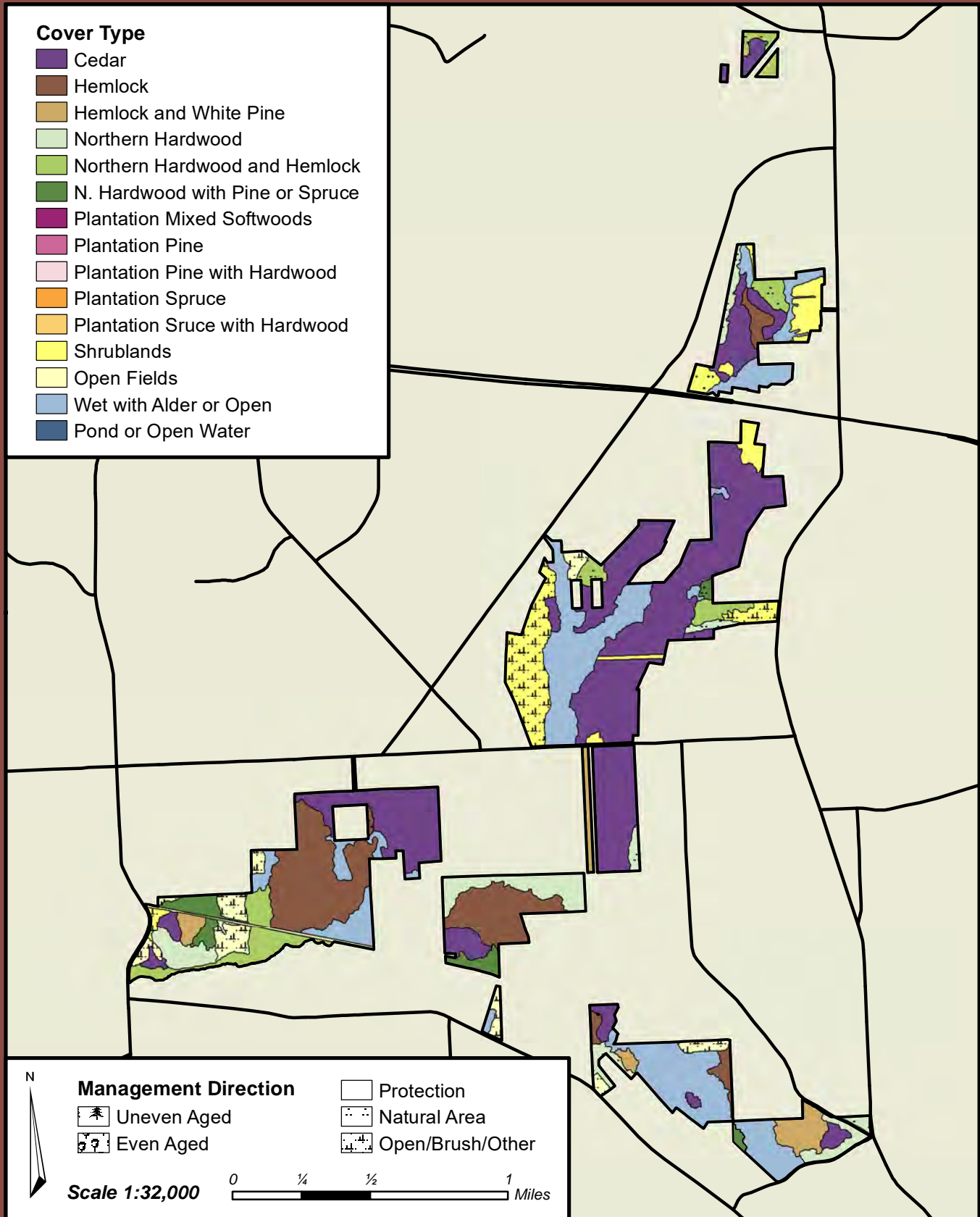
- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| ■ Open Water                          | ■ Cd - Canandaigua silt loam      |
| ■ Au - Alluvial land                  | ■ Ch - Chippewa silt loam         |
| ■ Ca - Carlisle muck                  | ■ Cl - Collamer silt loam         |
| ■ Pa - Palms muck                     | ■ Co - Conesus silt loam          |
| ■ Al - Alden mucky s. loam            | ■ Fr - Fredon silt loam           |
| ■ Fn - Fonda mucky s. loam            | ■ Ha - Halsey silt loam           |
| ■ Ap - Appleton loam                  | ■ Hy - Honeoye silt loam          |
| ■ Ar-Ld - Arnot-Lordstown cplex       | ■ Li - Lima silt loam             |
| ■ Ld-Ar - Lordstown-Arnot complex     | ■ Ly - Lyons silt loam            |
| ■ Ar - Arnot channery silt loam       | ■ Te - Teel silt loam             |
| ■ Ba - Bath channery silt loam        | ■ Wy - Wayland silt loam          |
| ■ Bv - Bath various                   | ■ Hw - Howard fine sandy loam     |
| ■ Hr - Herkimer channery silt loam    | ■ Lm - Lamson v. fine sandy loam  |
| ■ Ld - Lordstown channery silt loam   | ■ Pl - Palmyra gravelly loam      |
| ■ St - Stockbridge channery silt loam | ■ La - Lansing gravelly silt loam |
| ■ Ma - Mardin channery silt loam      | ■ Ho - Howard gravelly silt loam  |
| ■ Tu - Tuller channery silt loam      | ■ Ph - Phelps gravelly silt loam  |
| ■ Vo - Volusia channery silt loam     | ■ St-Ho - Stockbridge-Howard gsl. |



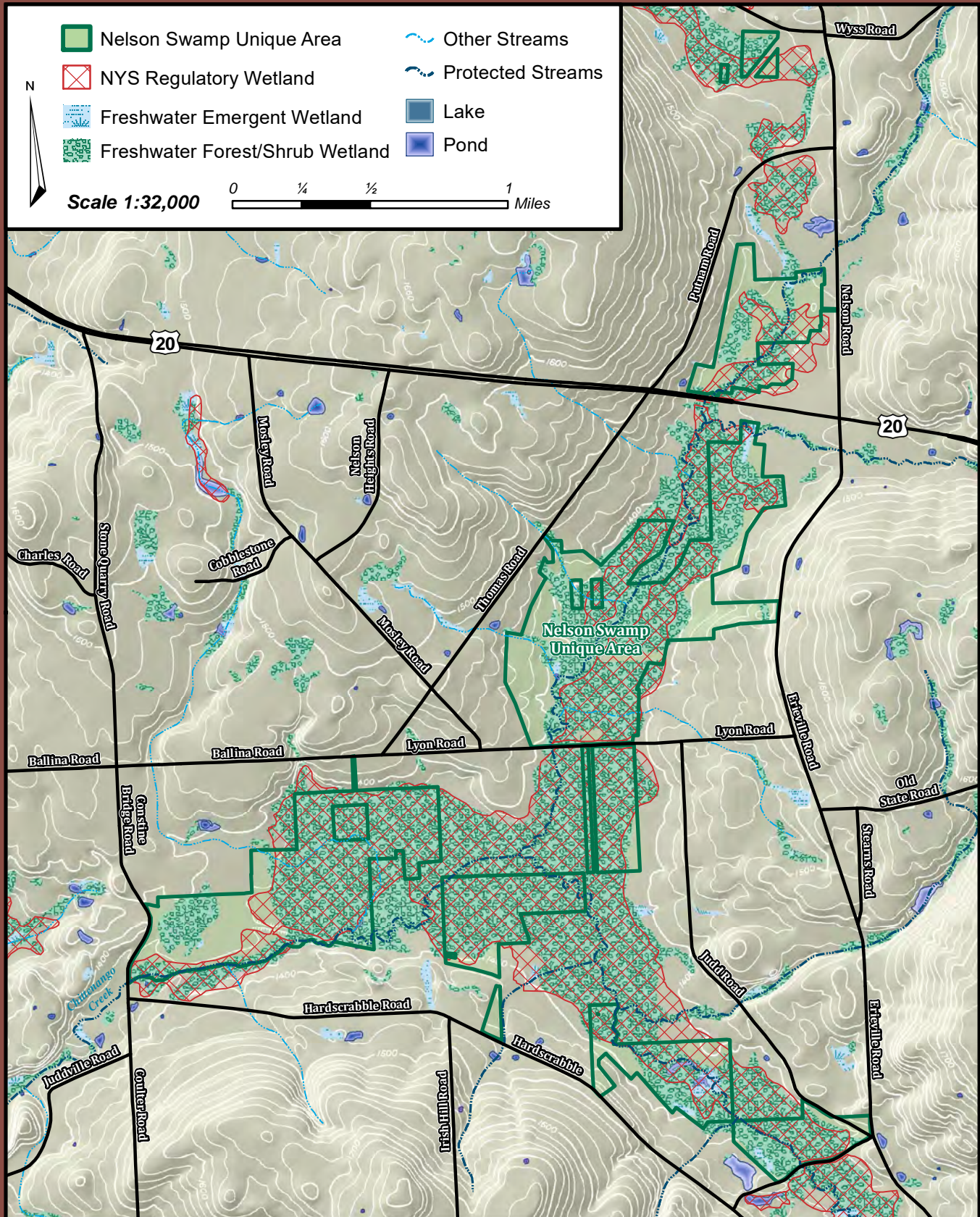
# Stand Mosaic of Nelson Swamp Unique Area



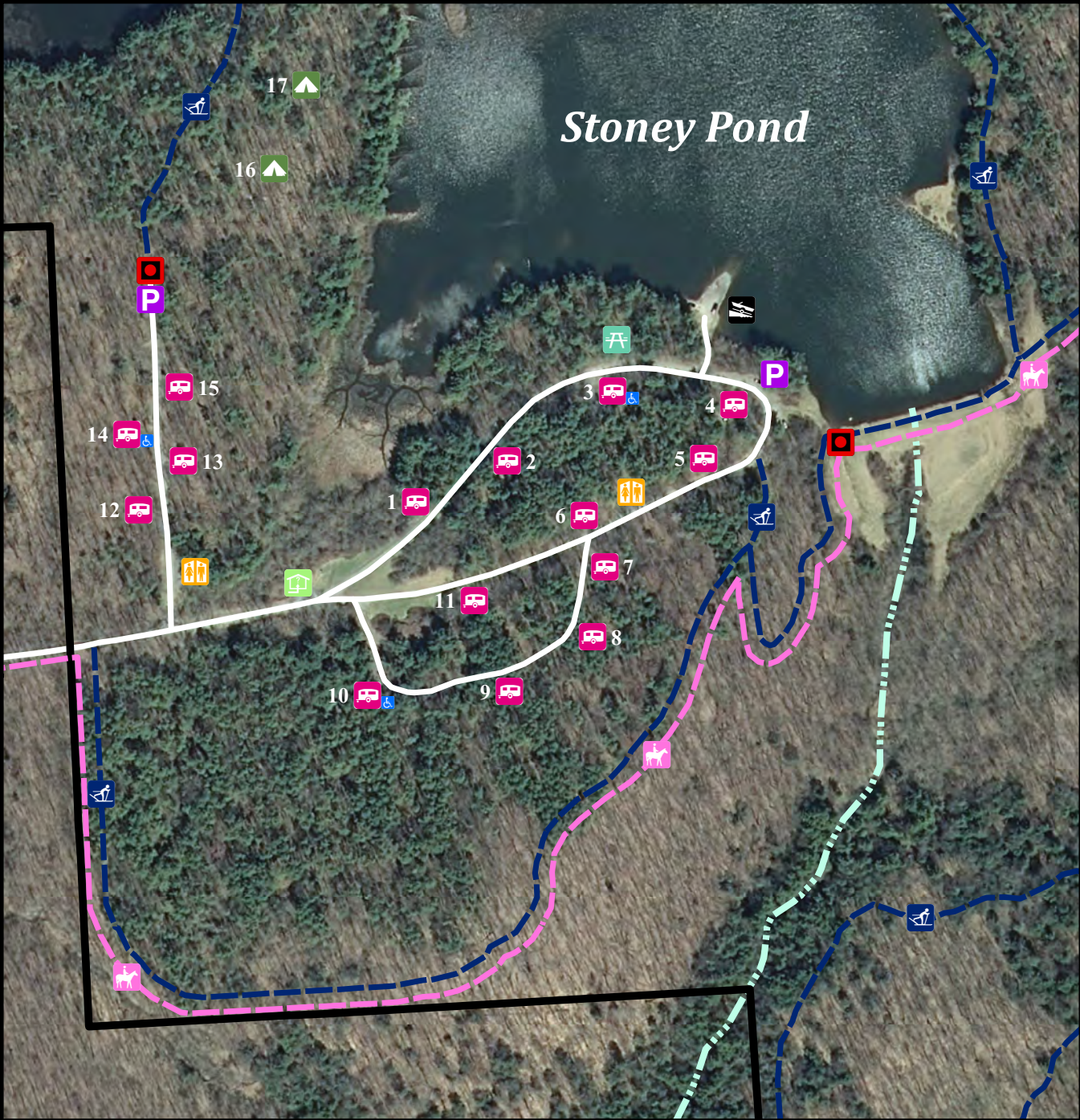
## Current Cover Types and Management Direction of Nelson Swamp Unique Area



# Water Resources of Nelson Swamp Unique Area



# Campground Area of Stoney Pond State Forest

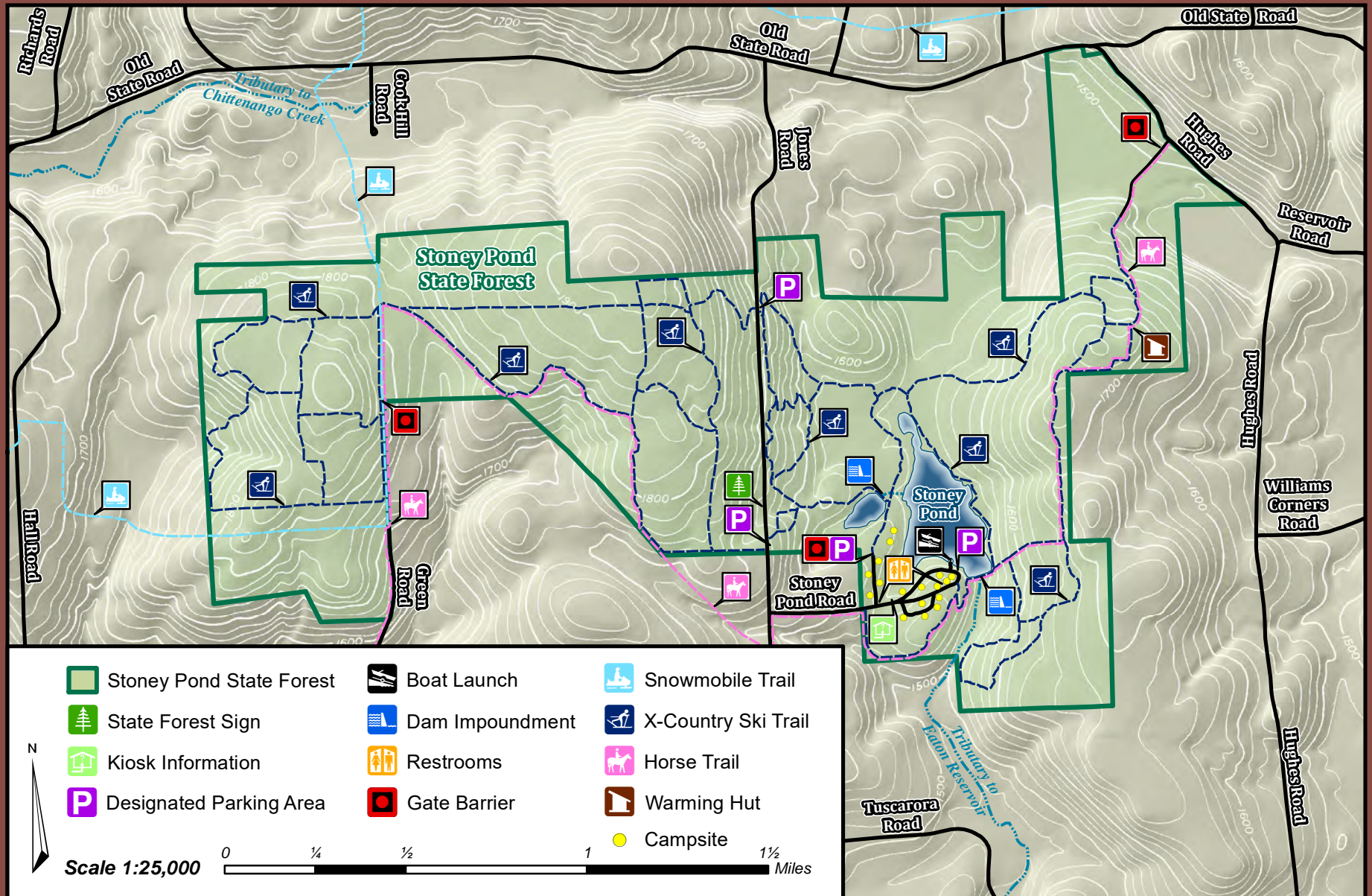


- |                          |                   |              |                     |
|--------------------------|-------------------|--------------|---------------------|
| Stoney Pond State Forest | Camping Site      | Day Use Area | X-Country Ski Trail |
| Kiosk Information        | Walk-In Tent Site | Boat Launch  | Horse Trail         |
| Designated Parking Area  | Accessible Site   | Restrooms    | Gate Barrier        |

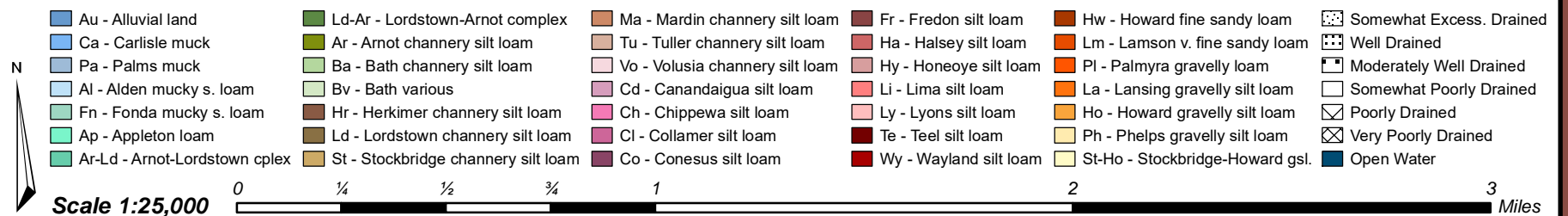
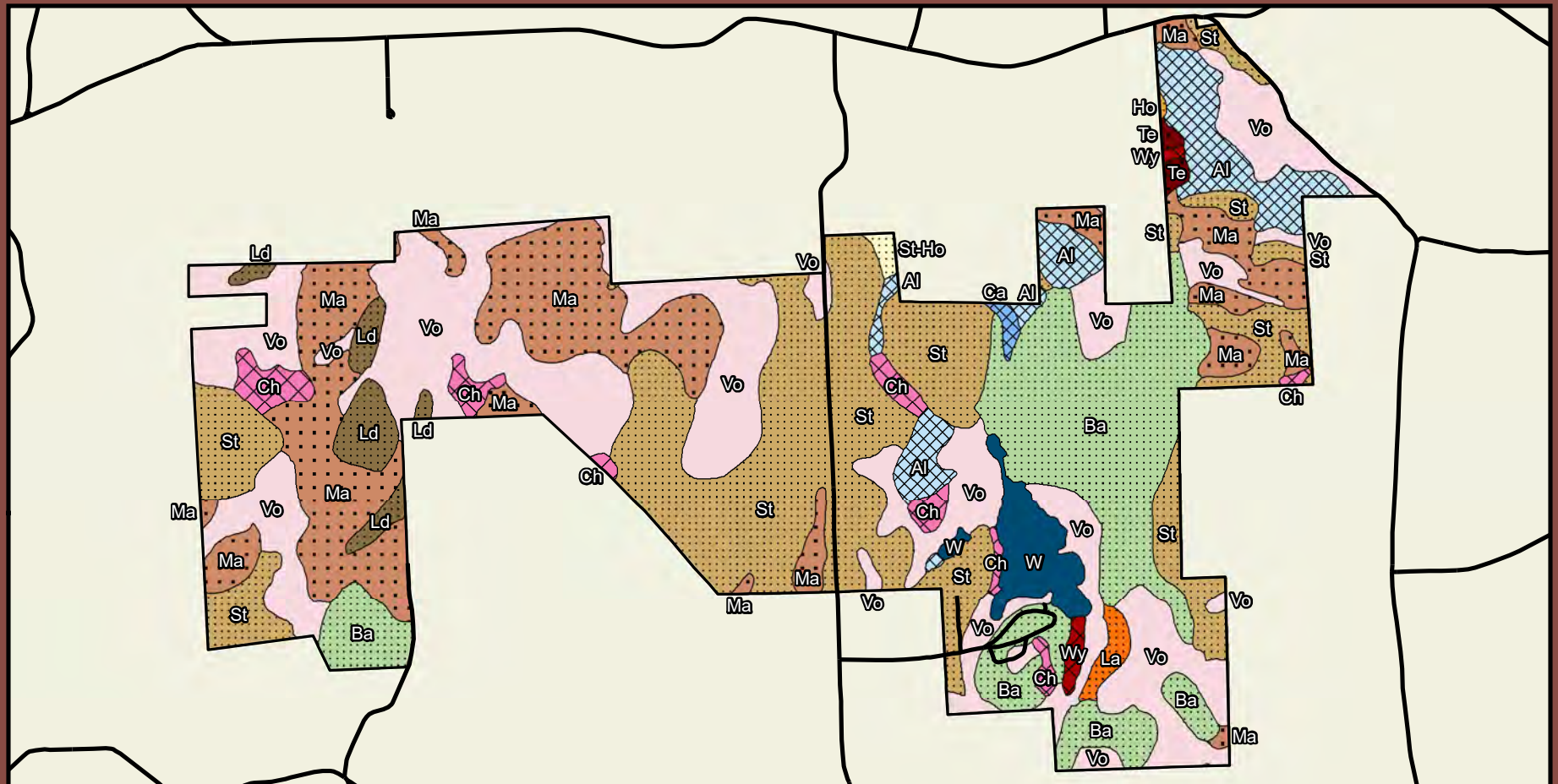
Scale 1:3,750



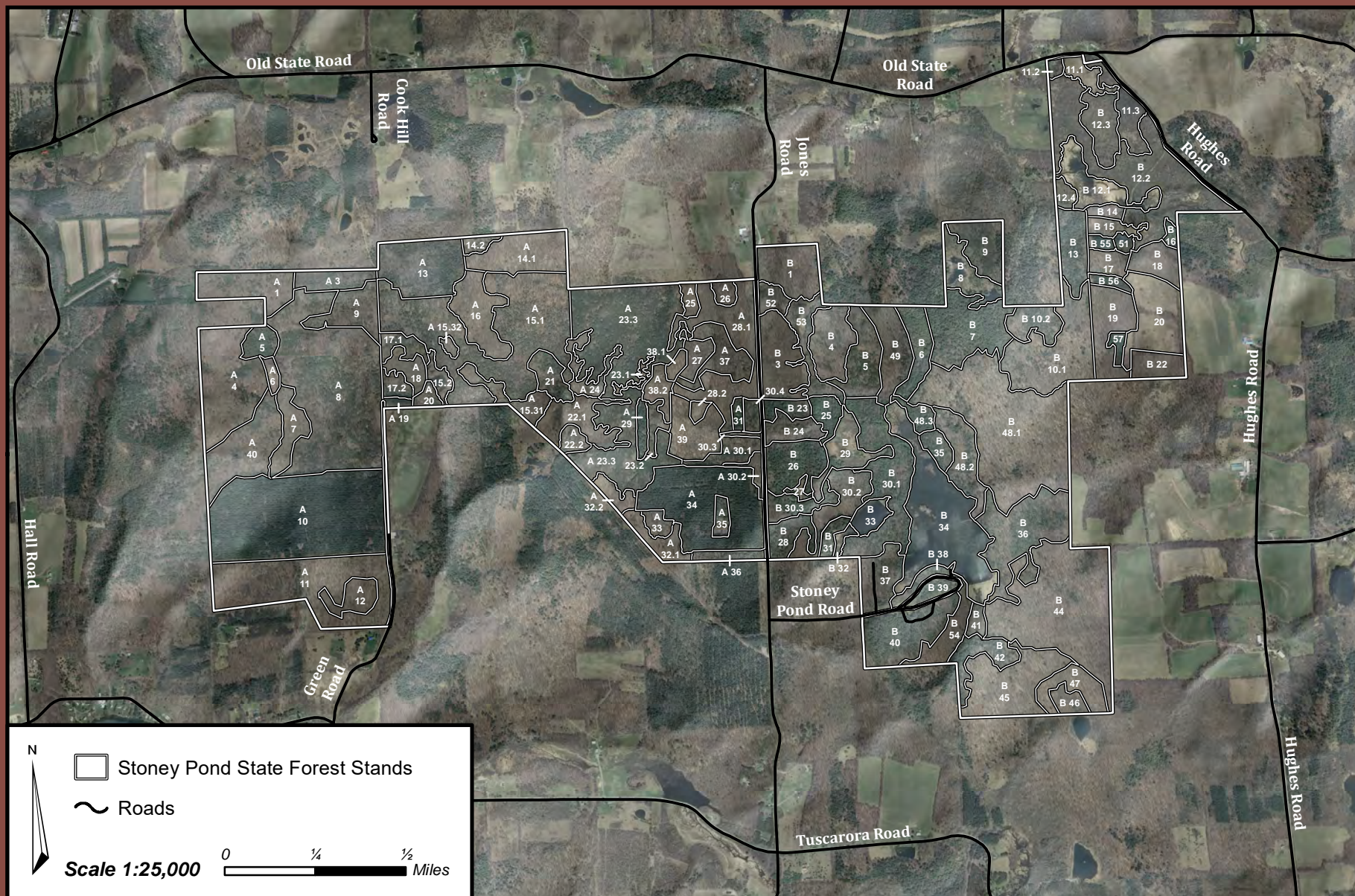
## Recreation, Facilities, Roads, and Topography of Stoney Pond State Forest



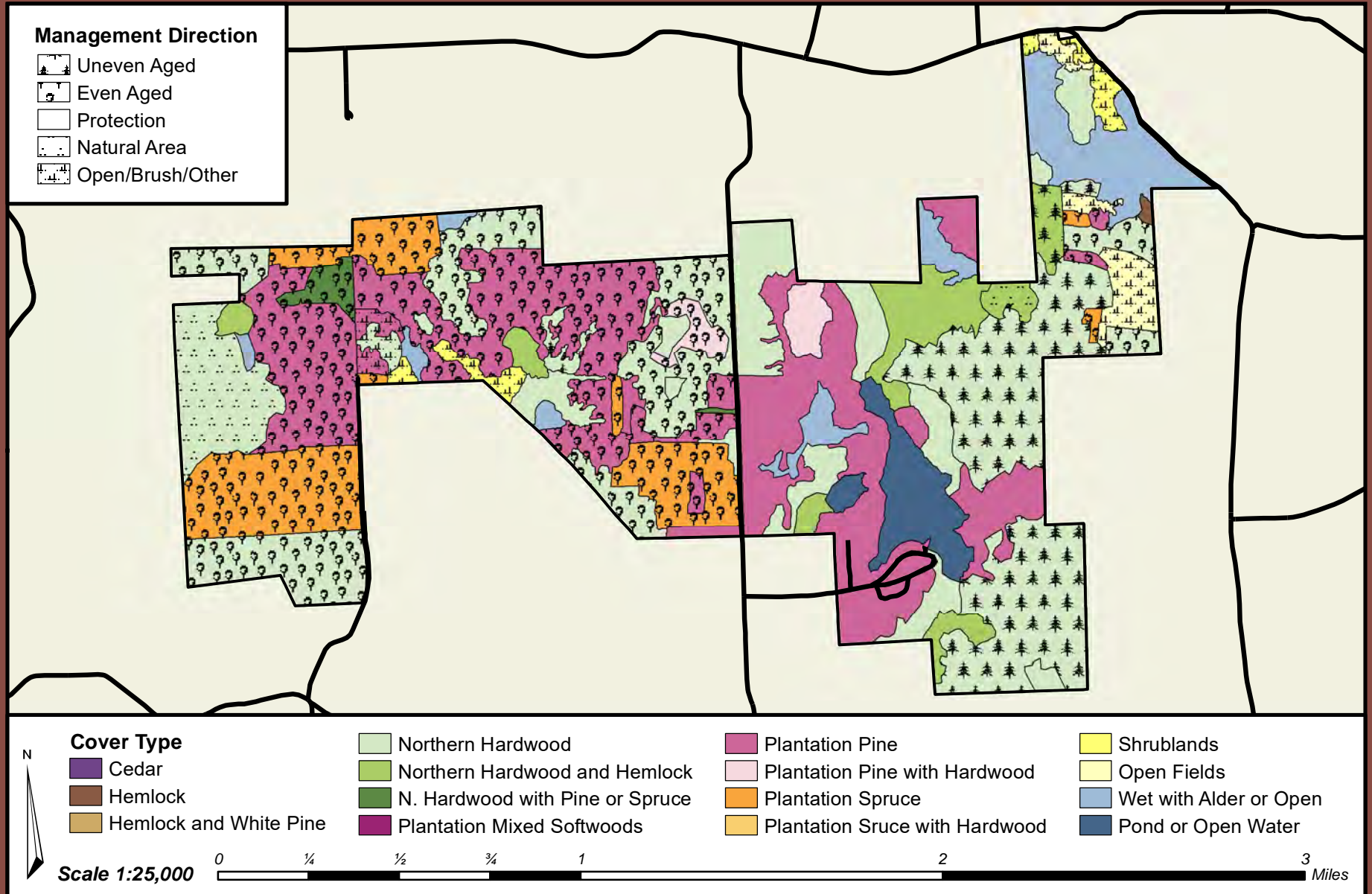
## Soil Series and Drainage Classes of Stoney Pond State Forest



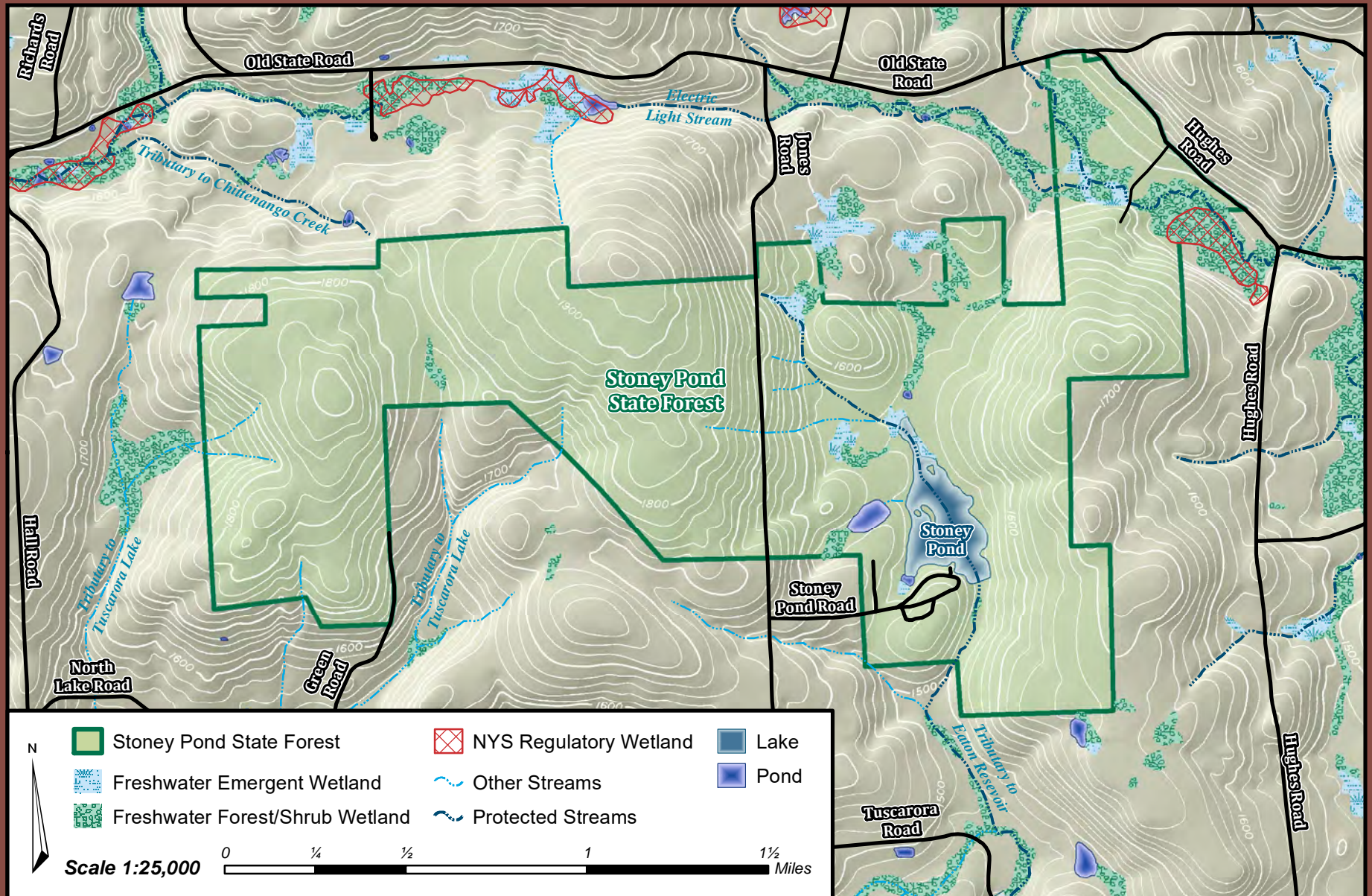
# Stand Mosaic of Stoney Pond State Forest



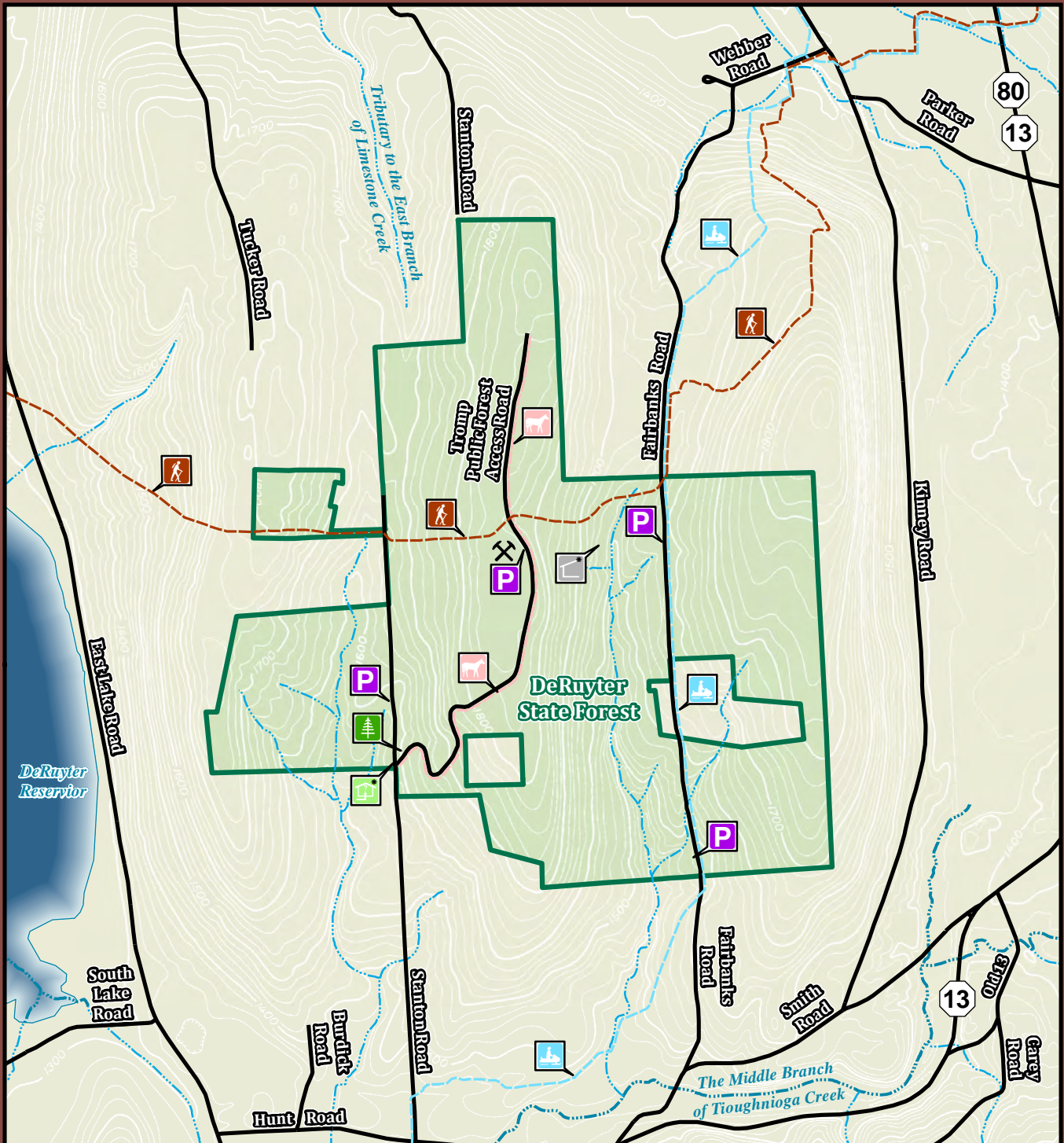
## Current Cover Types and Management Direction of Stoney Pond State Forest



# Water Resources of Stoney Pond State Forest



# Recreation, Facilities, Roads, and Topography of DeRuyter State Forest



DeRuyter SF

State Forest Sign

Kiosk \*Proposed

Lean-to \*Proposed

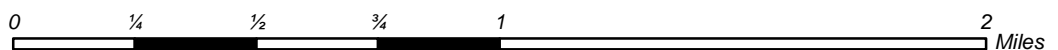
Designated Parking Area

Horse Carriage Trail

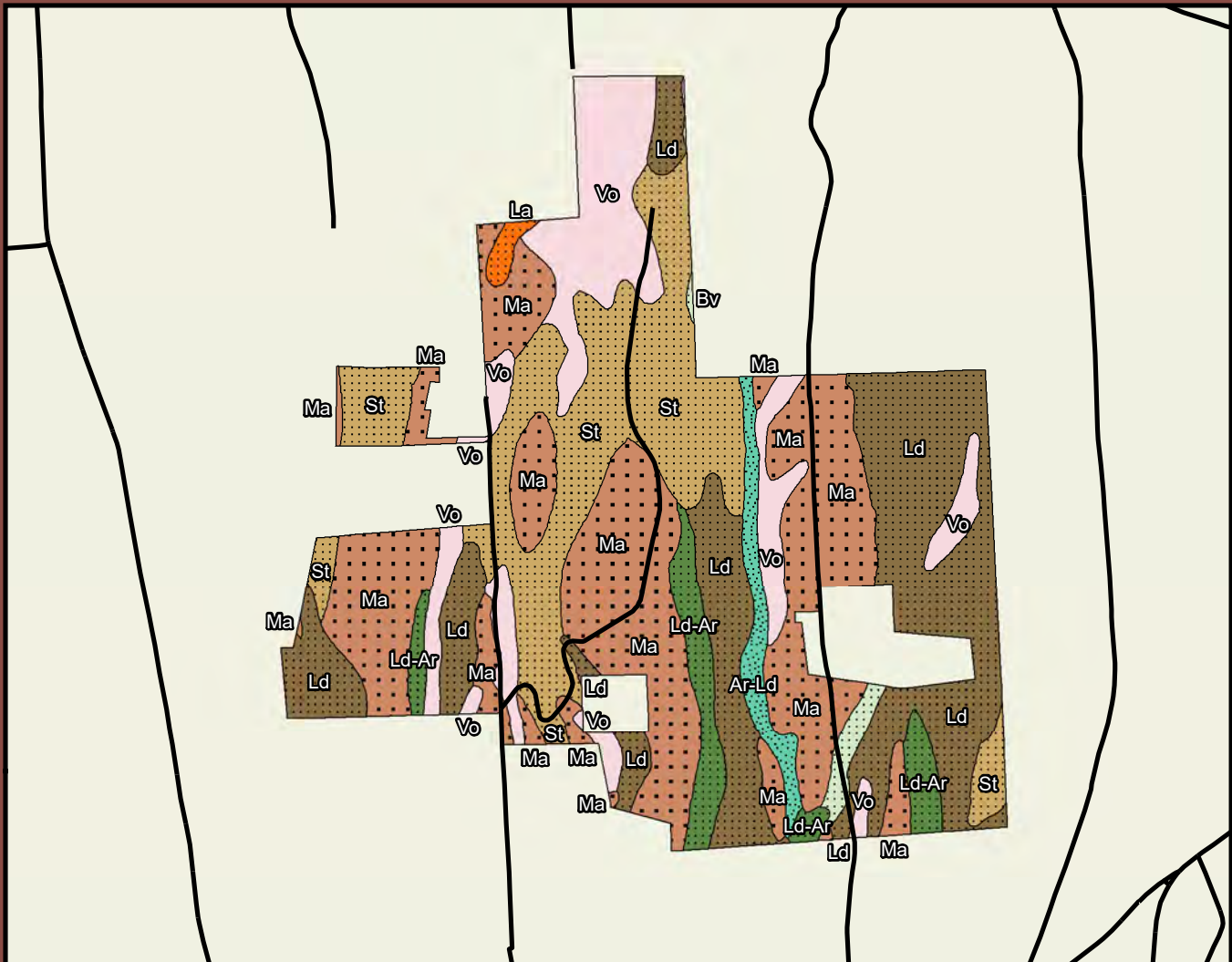
Snowmobile Trail

NCNST

Scale 1:25,000



# Soil Series and Drainage Classes of DeRuyter State Forest



- |                                 |                                       |                                   |
|---------------------------------|---------------------------------------|-----------------------------------|
| ■ Open Water                    | ■ Hr - Herkimer channery silt loam    | ■ Hy - Honeoye silt loam          |
| ■ Au - Alluvial land            | ■ Ld - Lordstown channery silt loam   | ■ Li - Lima silt loam             |
| ■ Ca - Carlisle muck            | ■ St - Stockbridge channery silt loam | ■ Ly - Lyons silt loam            |
| ■ Pa - Palms muck               | ■ Ma - Mardin channery silt loam      | ■ Te - Teel silt loam             |
| ■ Al - Alden mucky s. loam      | ■ Tu - Tuller channery silt loam      | ■ Wy - Wayland silt loam          |
| ■ Fn - Fonda mucky s. loam      | ■ Vo - Volusia channery silt loam     | ■ Hw - Howard fine sandy loam     |
| ■ Ap - Appleton loam            | ■ Cd - Canandaigua silt loam          | ■ Lm - Lamson v. fine sandy loam  |
| ■ Ar-Ld - Arnot-Lordstown cplex | ■ Ch - Chippewa silt loam             | ■ Pl - Palmyra gravelly loam      |
| ■ Ld-Ar - Lordstown-Arnot cplex | ■ Cl - Collamer silt loam             | ■ La - Lansing gravelly silt loam |
| ■ Ar - Arnot channery silt loam | ■ Co - Conesus silt loam              | ■ Ho - Howard gravelly silt loam  |
| ■ Ba - Bath channery silt loam  | ■ Fr - Fredon silt loam               | ■ Ph - Phelps gravelly silt loam  |
| ■ Bv - Bath various             | ■ Ha - Halsey silt loam               | ■ St-Ho - Stockbridge-Howard gsl. |

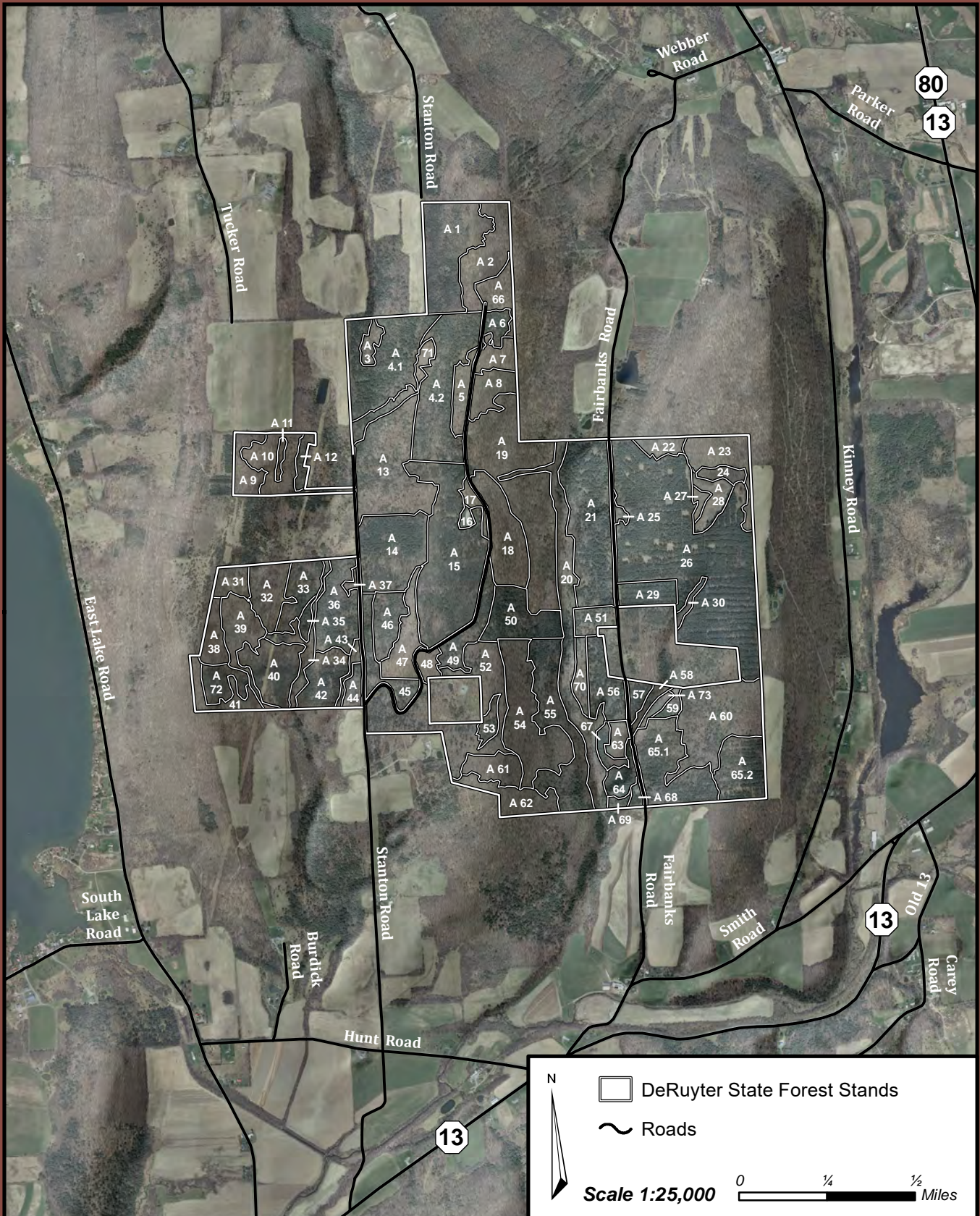
- |                            |                           |                       |
|----------------------------|---------------------------|-----------------------|
| ■ Somewhat Excess. Drained | ■ Moderately Well Drained | ■ Poorly Drained      |
| ■ Well Drained             | ■ Somewhat Poorly Drained | ■ Very Poorly Drained |



Scale 1:25,000

0 1/4 1/2 3/4 1 2 Miles

# Stand Mosaic of DeRuyter State Forest



## Current Cover Types and Management Direction of DeRuyter State Forest



### Management Direction

- Uneven Aged
- Even Aged
- Protection
- Natural Area
- Open/Brush/Other

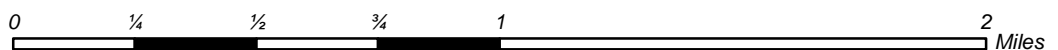
### Cover Type

- Cedar
- Hemlock
- Hemlock and White Pine
- Northern Hardwood
- Northern Hardwood and Hemlock
- N. Hardwood with Pine or Spruce
- Plantation Mixed Softwoods

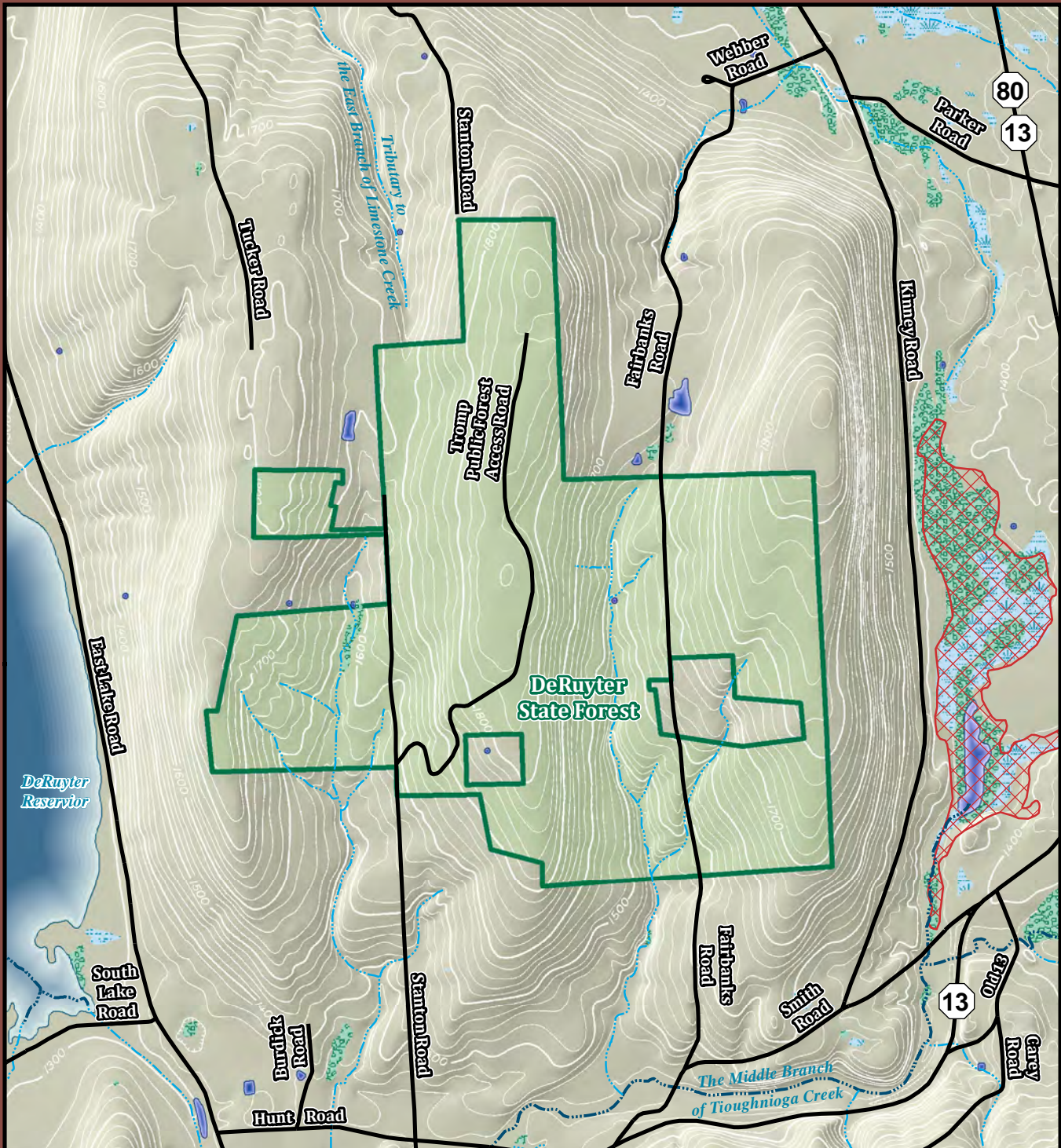
- Plantation Pine
- Plantation Pine with Hardwood
- Plantation Spruce
- Plantation Spruce with Hardwood
- Shrublands
- Open Fields
- Wet with Alder or Open
- Pond or Open Water



Scale 1:25,000



# Water Resources of DeRuyter State Forest



DeRuyter SF

NYS Regulatory Wetland

Other Streams

Protected Streams

Freshwater Emergent Wetland

Freshwater Forest/Shrub Wetland

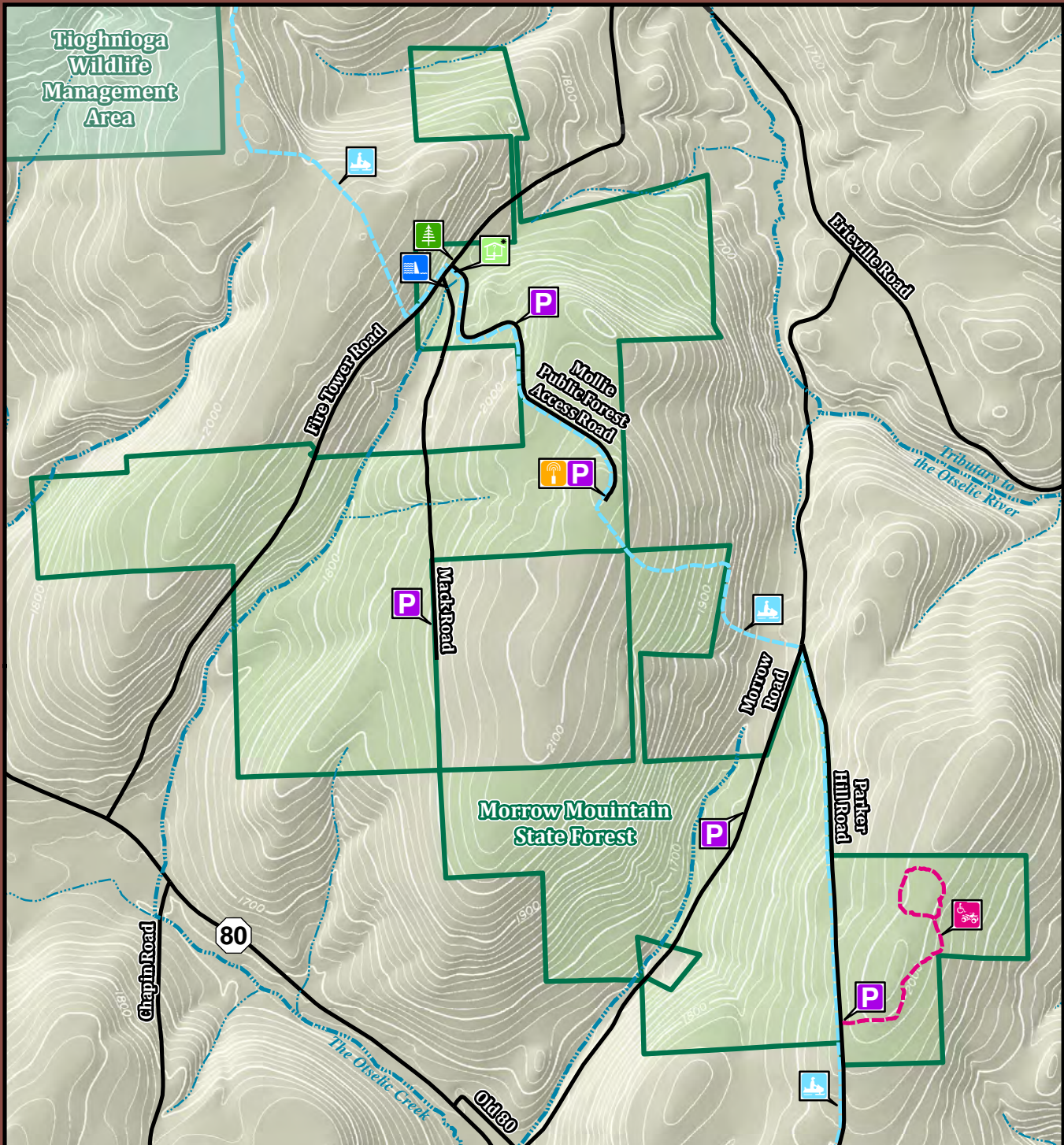
Lake

Pond

Scale 1:25,000

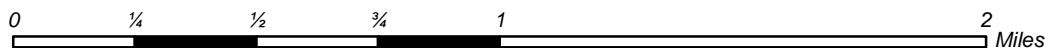
0 1/4 1/2 3/4 1 2 Miles

# Recreation, Facilities, Roads, and Topography of Morrow Mountain State Forest

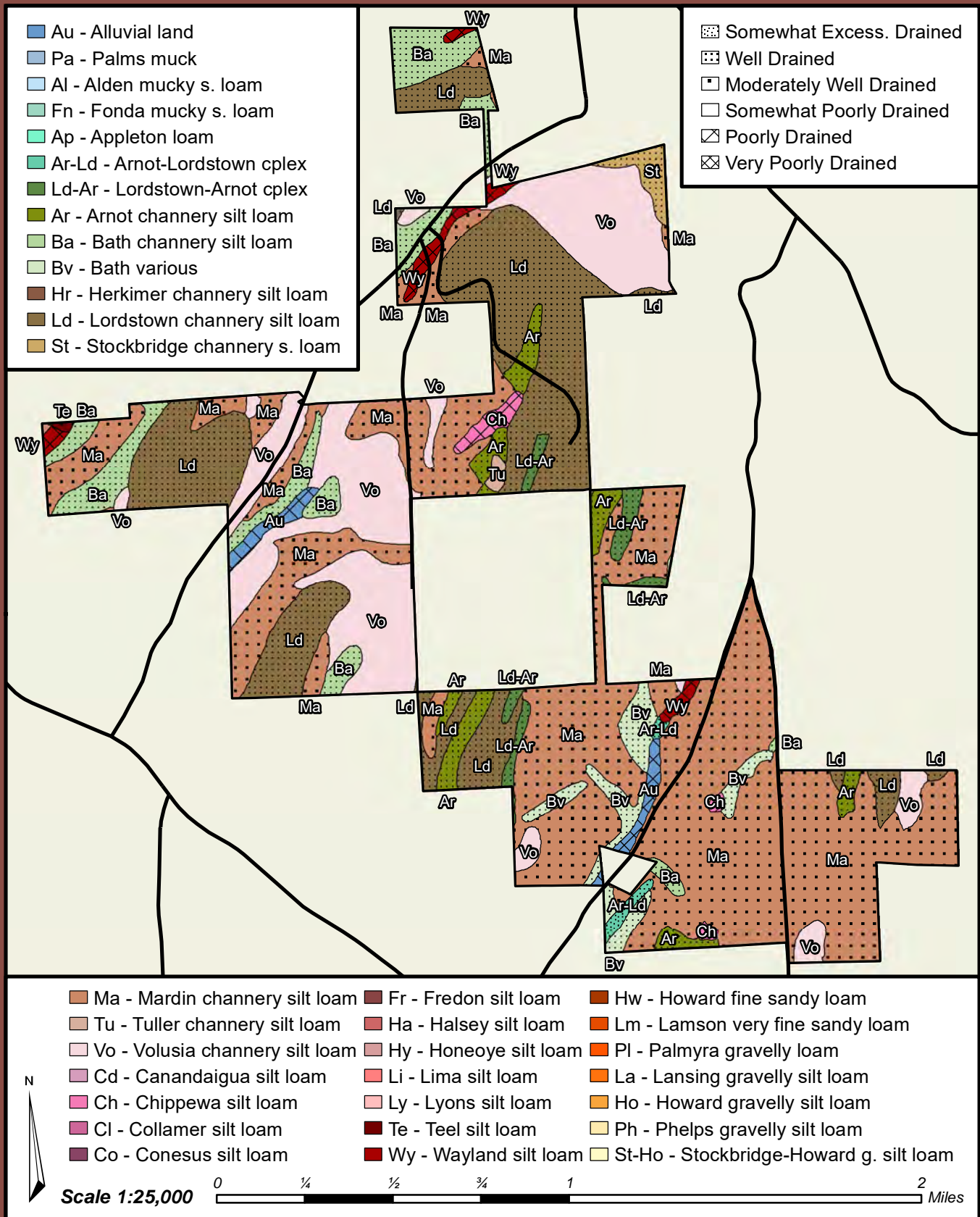


- |                    |                   |                         |                                    |
|--------------------|-------------------|-------------------------|------------------------------------|
| Morrow Mountain SF | State Forest Sign | Designated Parking Area | Snowmobile Trail                   |
| Kiosk *Proposed    | Dam Impoundment   | Communications Tower    | Motorized Access (Permit Required) |

Scale 1:25,000



# Soil Series and Drainage Classes of Morrow Mountain State Forest








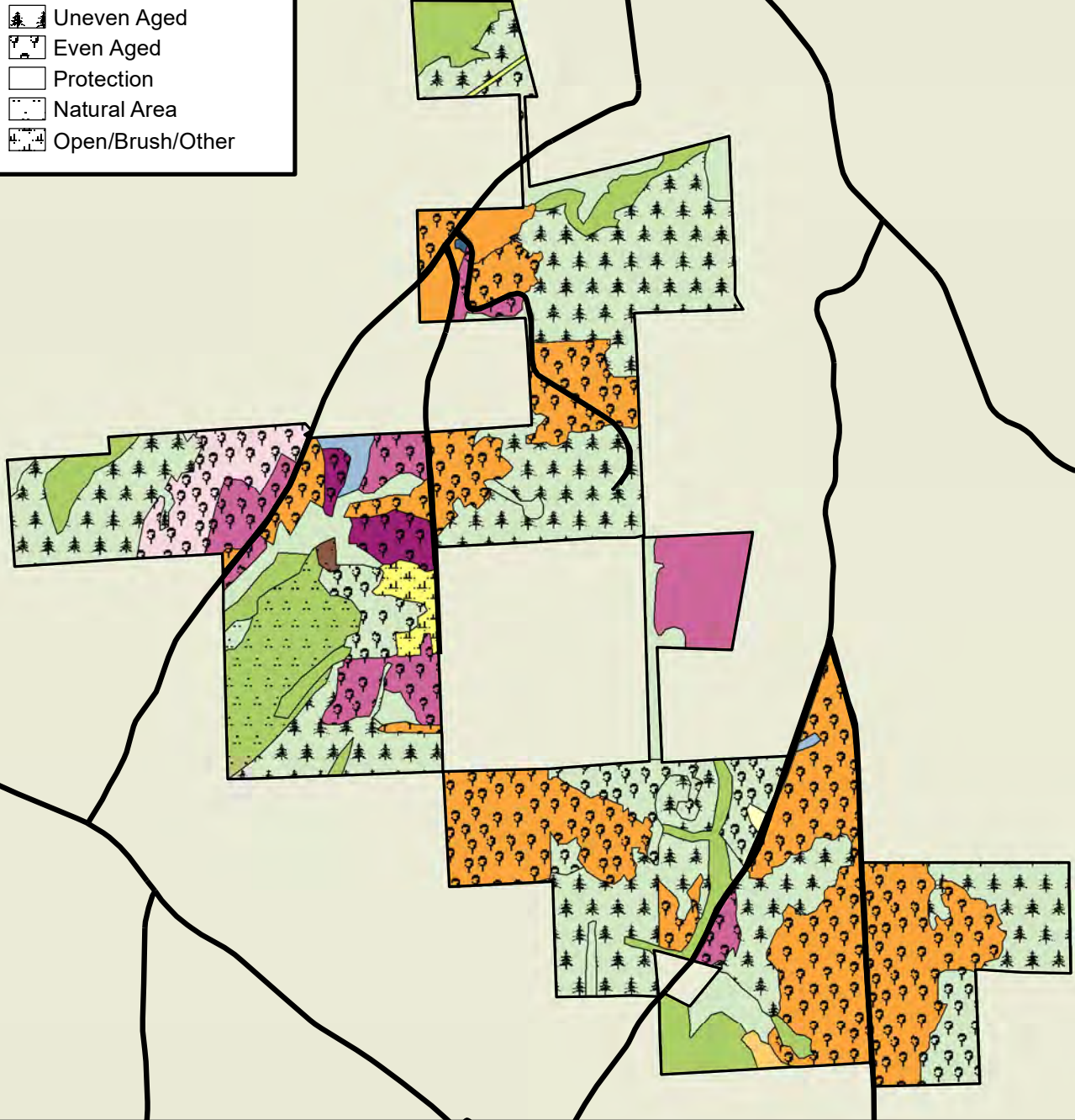
# Stand Mosaic of Morrow Mountain State Forest

















# Current Cover Type and Management Direction of Morrow Mountain State Forest

## Management Direction

-  Uneven Aged
-  Even Aged
-  Protection
-  Natural Area
-  Open/Brush/Other



## Cover Type

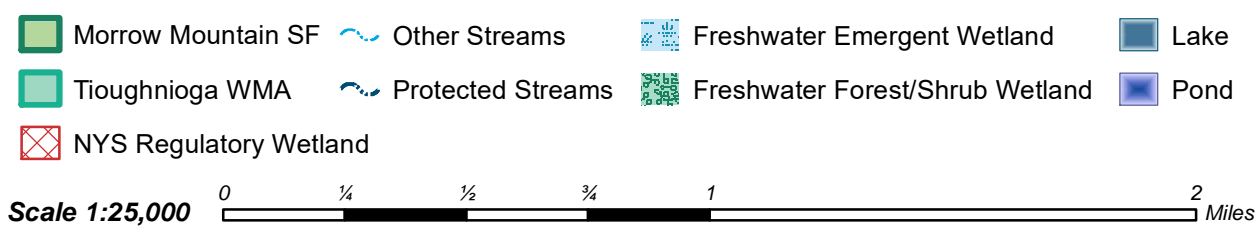
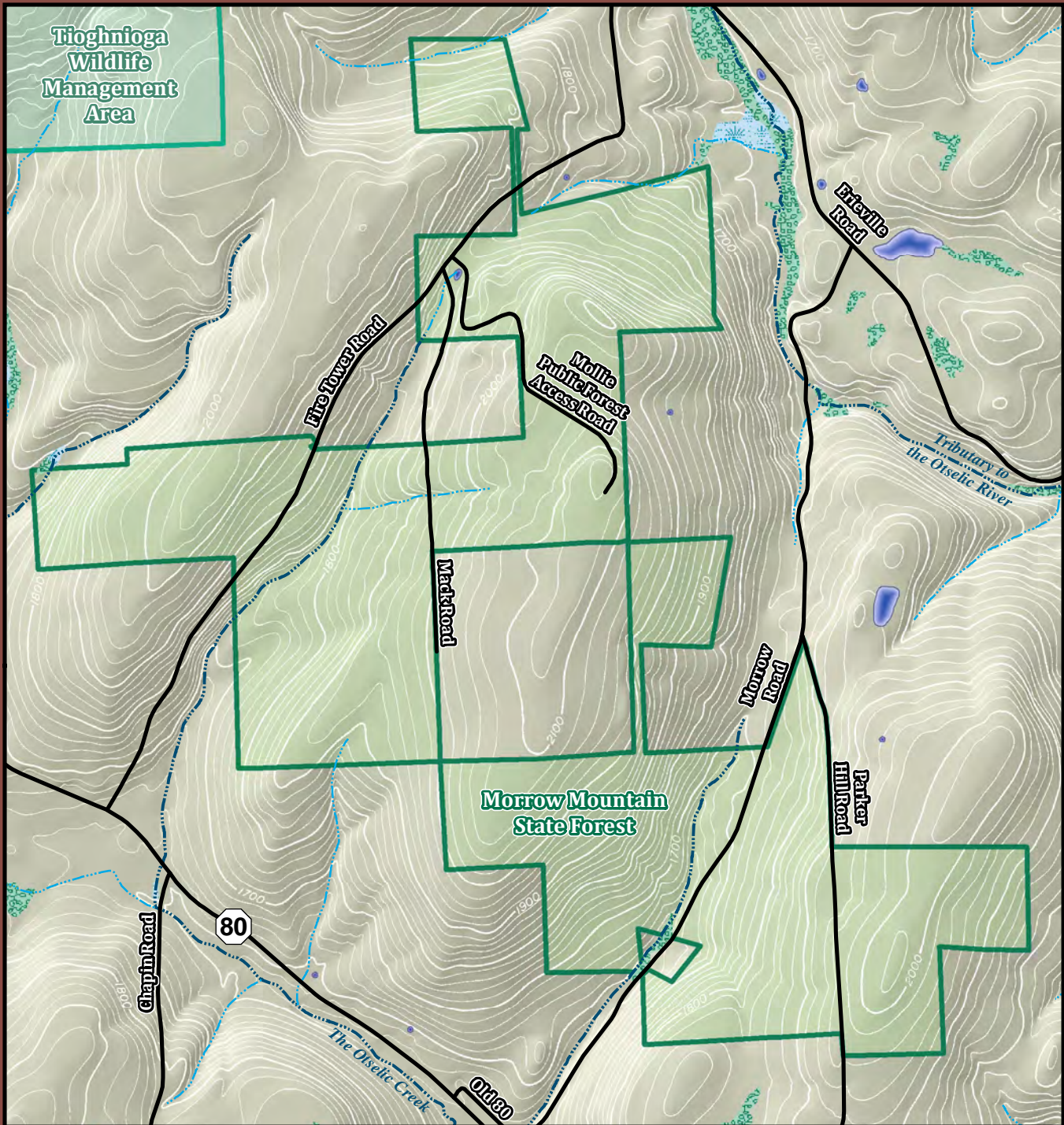
- |  |   |  |
|--|---|--|
|  Shrublands             |  Hemlock                   |  Plantation Mixed Softwoods      |
|  Open Fields            |  Hemlock and White Pine    |  Plantation Pine                 |
|  Wet with Alder or Open |  Northern Hardwood         |  Plantation Pine with Hardwood   |
|  Pond or Open Water     |  N. H. and Hemlock         |  Plantation Spruce               |
|  |  N. H. with Pine or Spruce |  Plantation Spruce with Hardwood |



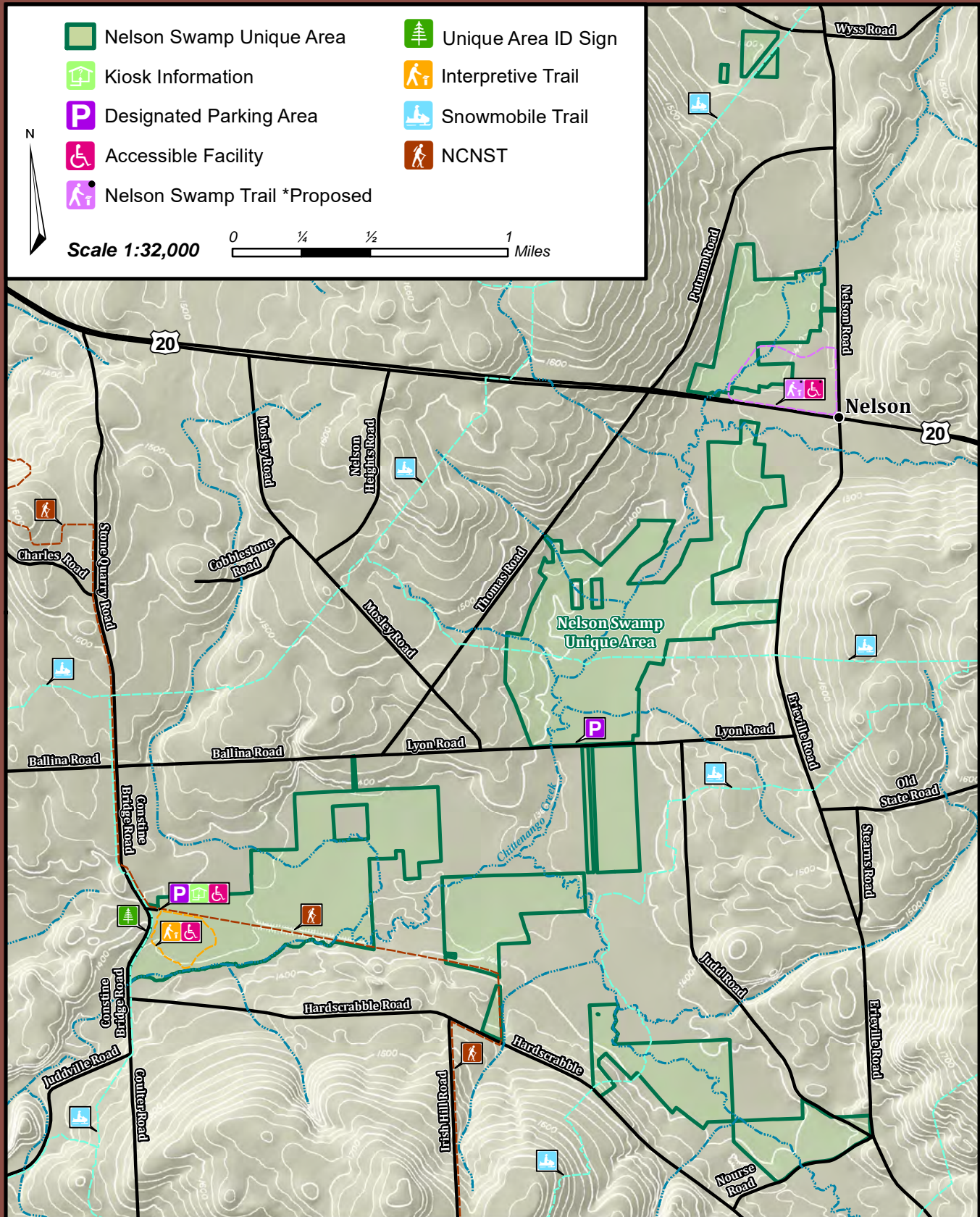
Scale 1:25,000

0 1/4 1/2 3/4 1 2 Miles

# Water Resources of Morrow Mountain State Forest

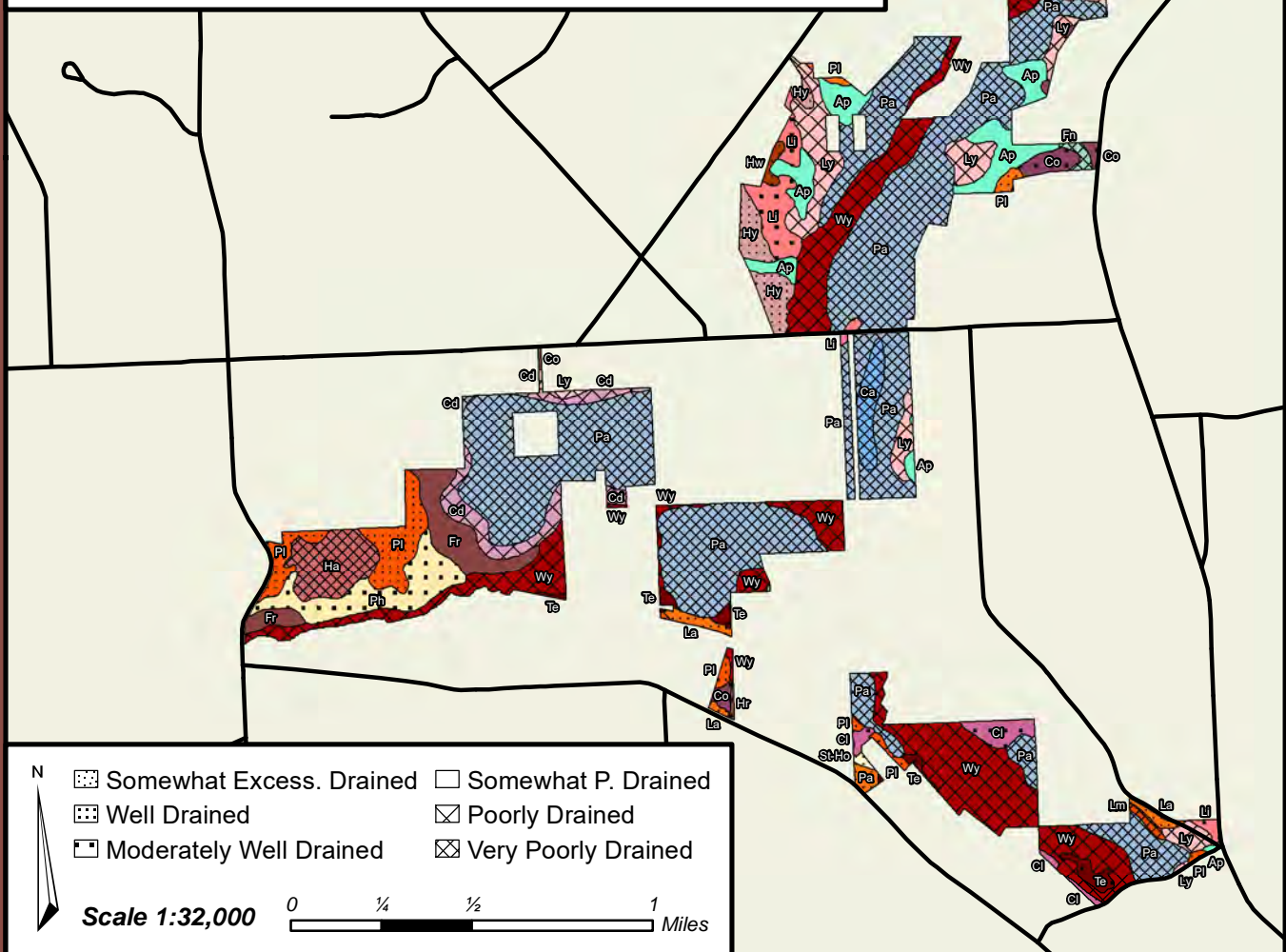


# Recreation, Facilities, Roads, and Topography of Nelson Swamp Unique Area

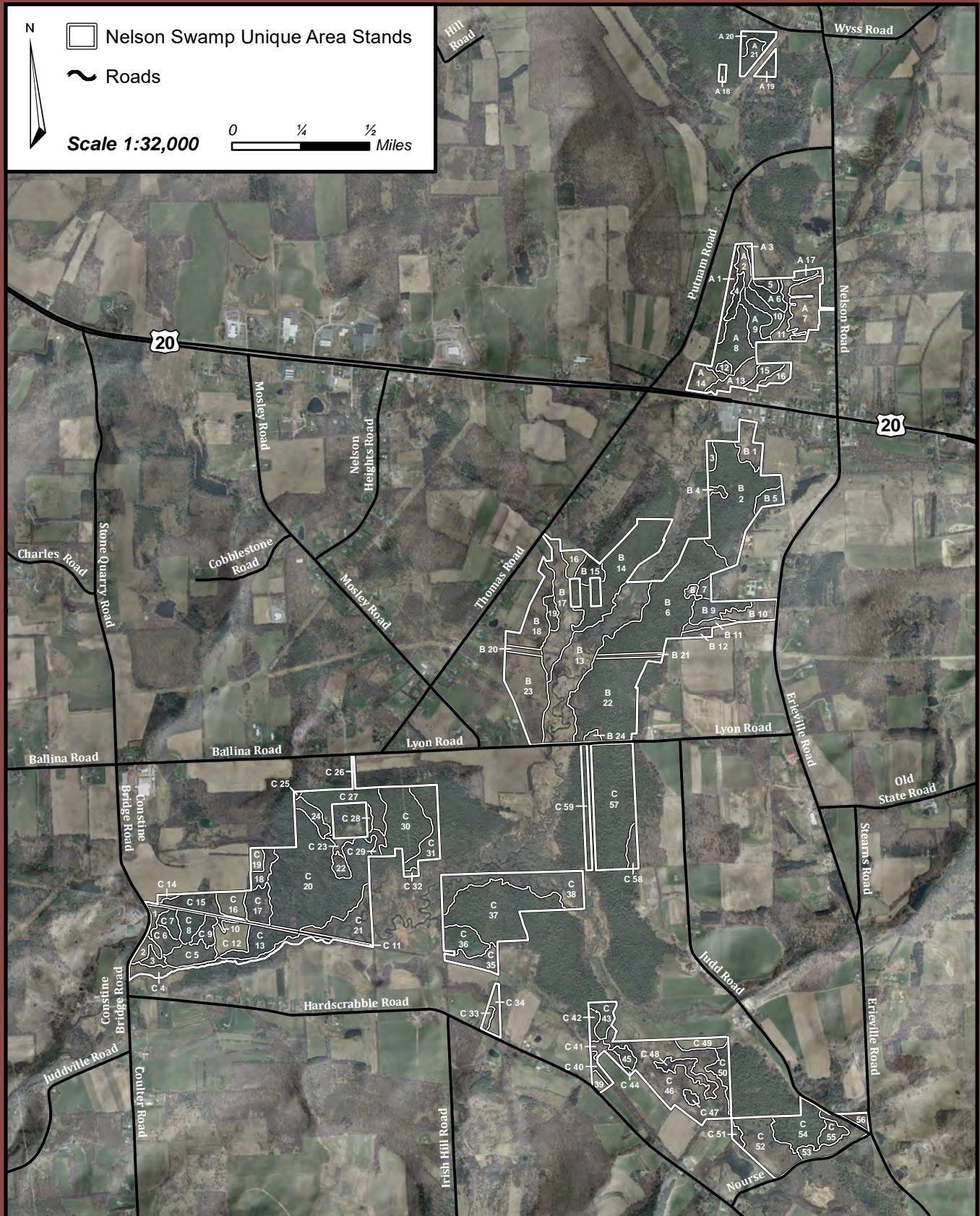


# Soil Series and Drainage Classes of Nelson Swamp Unique Area

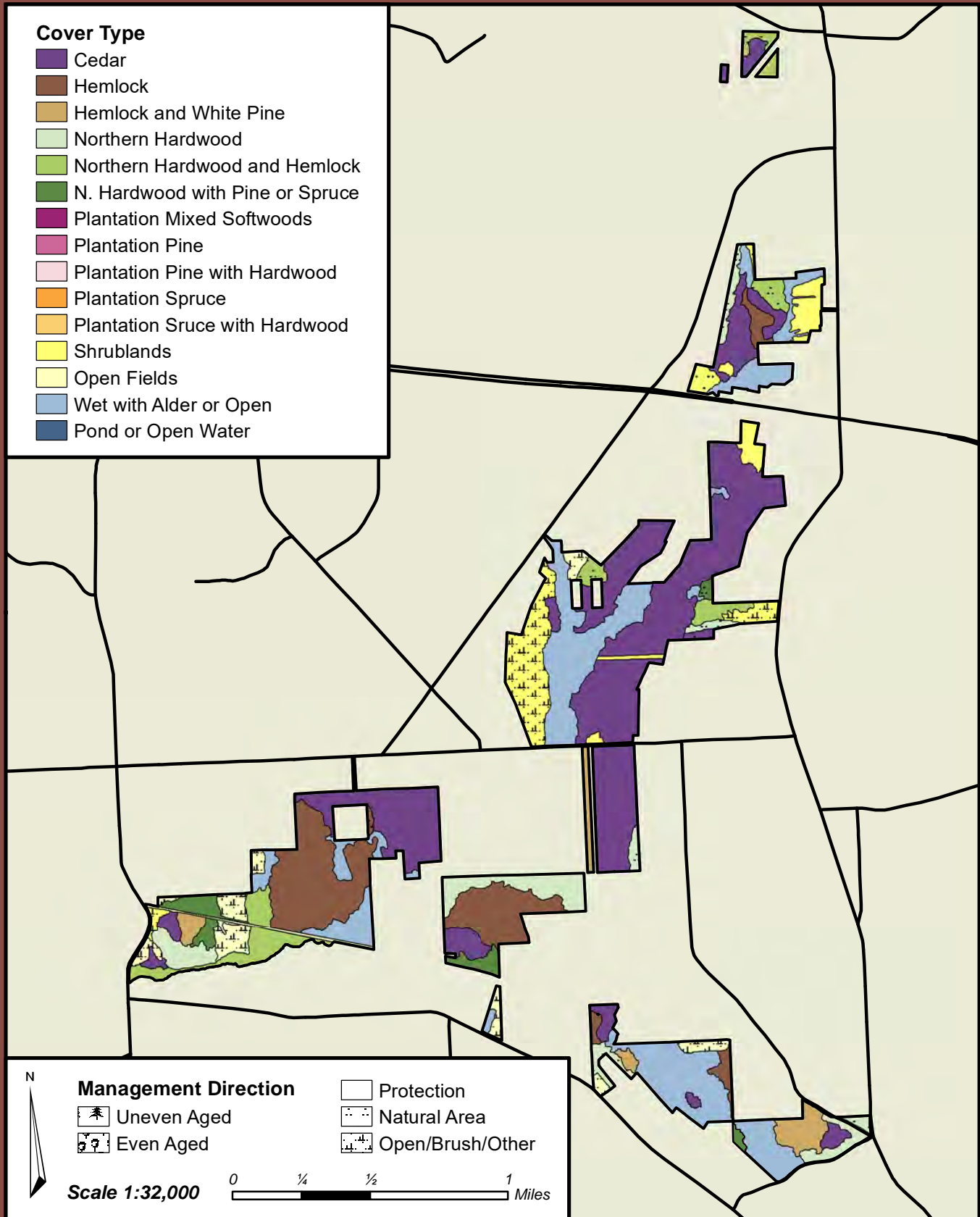
- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| ■ Open Water                          | ■ Cd - Canandaigua silt loam      |
| ■ Au - Alluvial land                  | ■ Ch - Chippewa silt loam         |
| ■ Ca - Carlisle muck                  | ■ Cl - Collamer silt loam         |
| ■ Pa - Palms muck                     | ■ Co - Conesus silt loam          |
| ■ Al - Alden mucky s. loam            | ■ Fr - Fredon silt loam           |
| ■ Fn - Fonda mucky s. loam            | ■ Ha - Halsey silt loam           |
| ■ Ap - Appleton loam                  | ■ Hy - Honeoye silt loam          |
| ■ Ar-Ld - Arnot-Lordstown cplex       | ■ Li - Lima silt loam             |
| ■ Ld-Ar - Lordstown-Arnot complex     | ■ Ly - Lyons silt loam            |
| ■ Ar - Arnot channery silt loam       | ■ Te - Teel silt loam             |
| ■ Ba - Bath channery silt loam        | ■ Wy - Wayland silt loam          |
| ■ Bv - Bath various                   | ■ Hw - Howard fine sandy loam     |
| ■ Hr - Herkimer channery silt loam    | ■ Lm - Lamson v. fine sandy loam  |
| ■ Ld - Lordstown channery silt loam   | ■ Pl - Palmyra gravelly loam      |
| ■ St - Stockbridge channery silt loam | ■ La - Lansing gravelly silt loam |
| ■ Ma - Mardin channery silt loam      | ■ Ho - Howard gravelly silt loam  |
| ■ Tu - Tuller channery silt loam      | ■ Ph - Phelps gravelly silt loam  |
| ■ Vo - Volusia channery silt loam     | ■ St-Ho - Stockbridge-Howard gsl. |



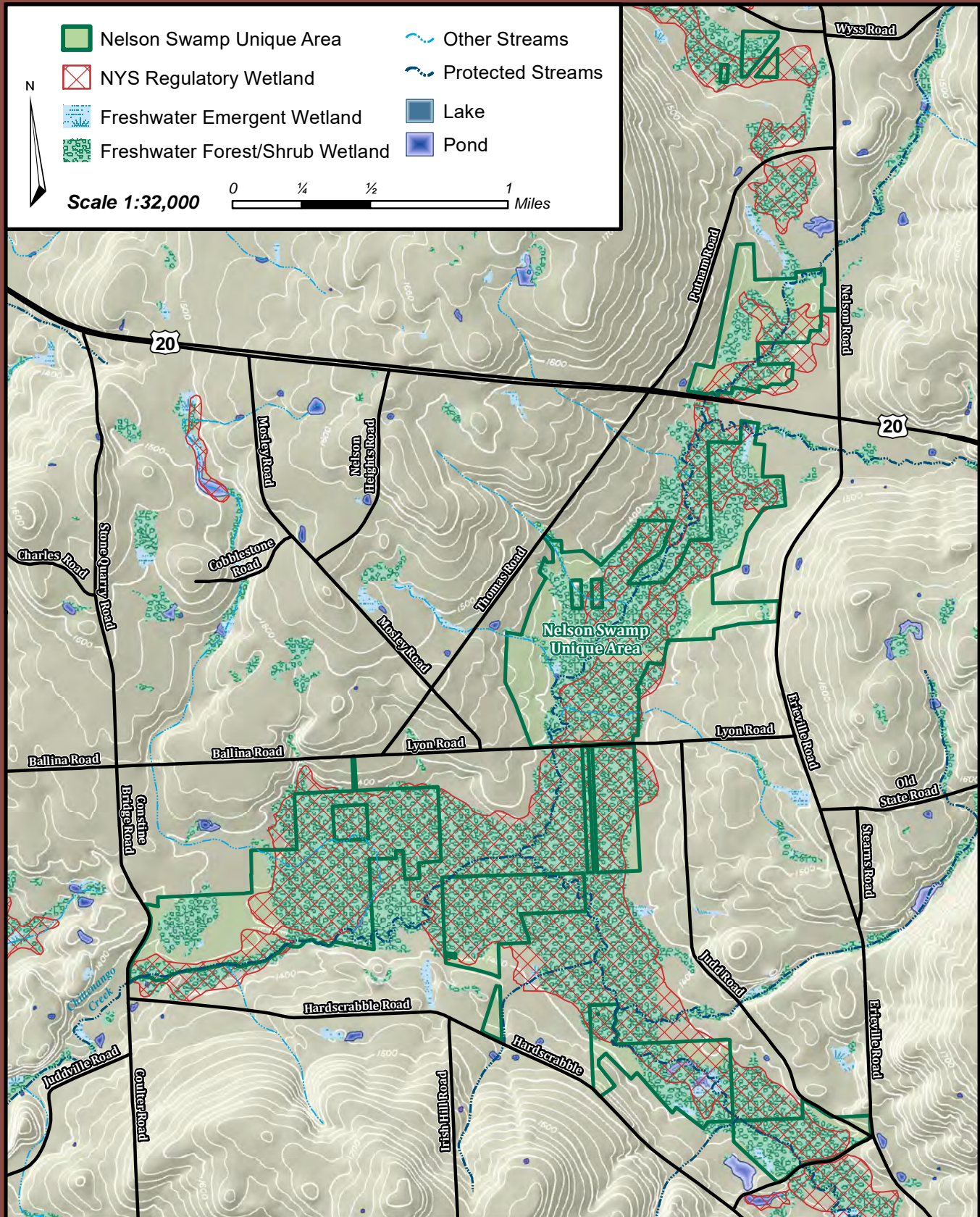
# Stand Mosaic of Nelson Swamp Unique Area



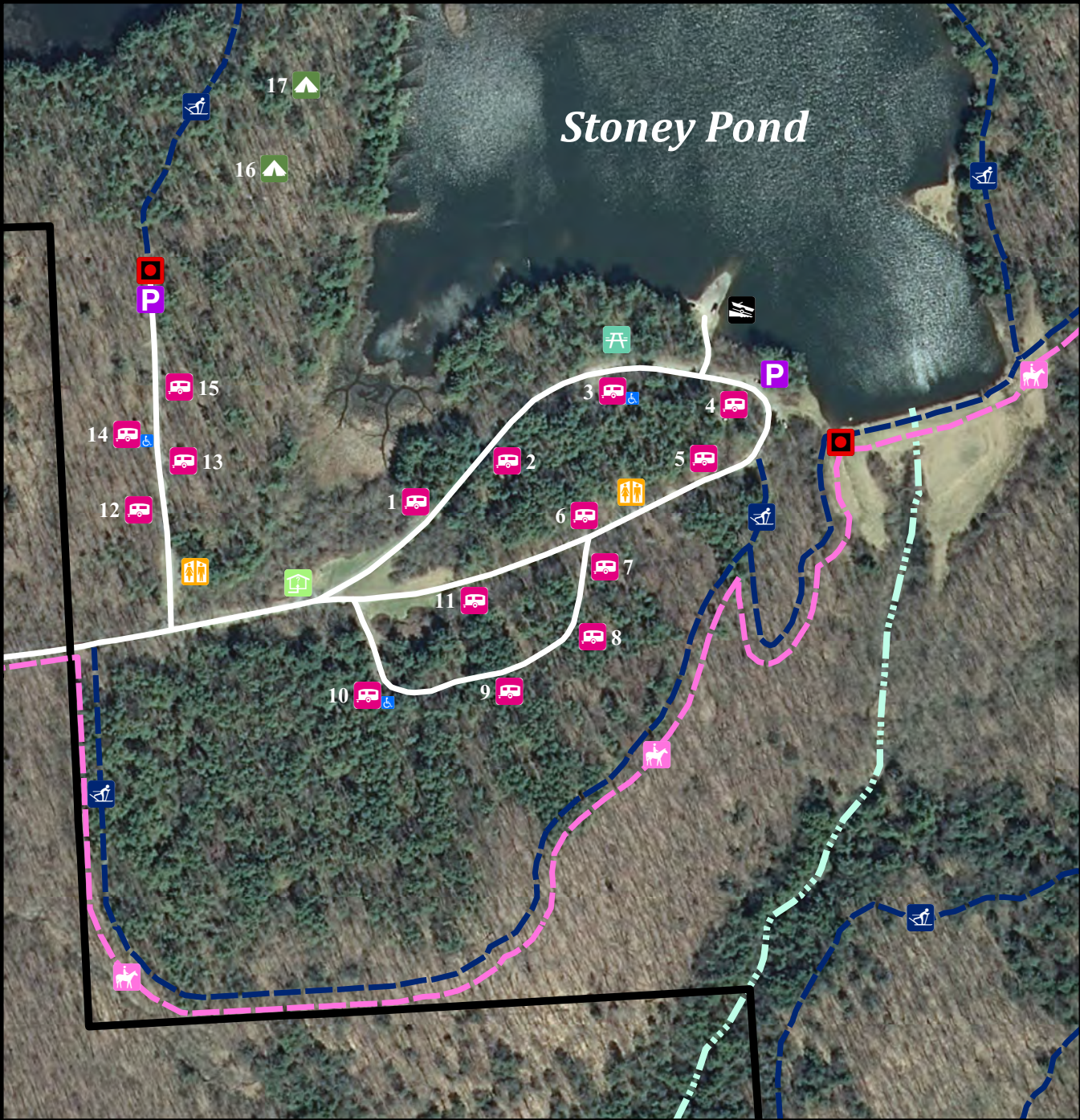
## Current Cover Types and Management Direction of Nelson Swamp Unique Area



# Water Resources of Nelson Swamp Unique Area



# Campground Area of Stoney Pond State Forest



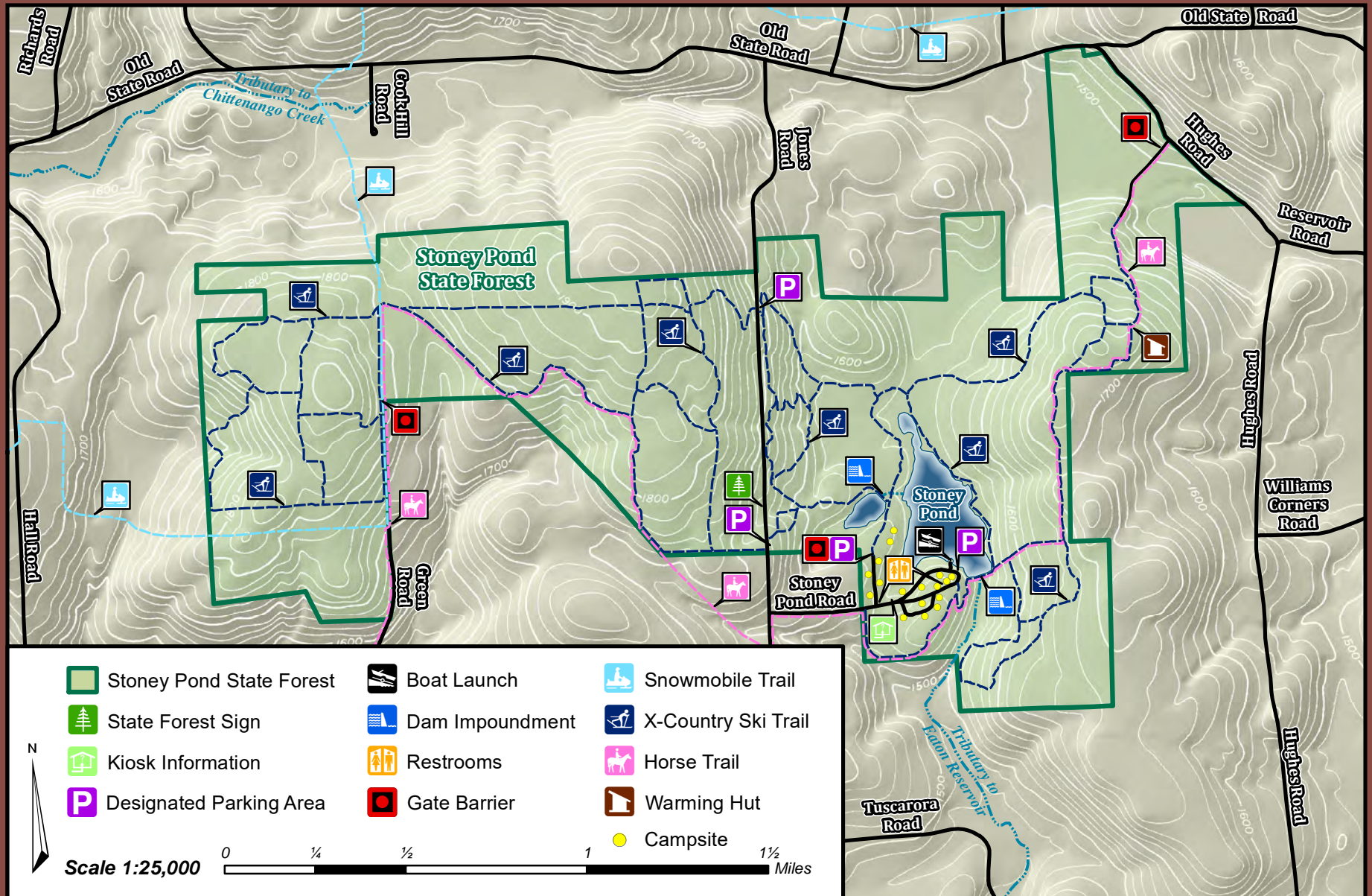
- |                          |                   |              |                     |
|--------------------------|-------------------|--------------|---------------------|
| Stoney Pond State Forest | Camping Site      | Day Use Area | X-Country Ski Trail |
| Kiosk Information        | Walk-In Tent Site | Boat Launch  | Horse Trail         |
| Designated Parking Area  | Accessible Site   | Restrooms    | Gate Barrier        |



Scale 1:3,750



## Recreation, Facilities, Roads, and Topography of Stoney Pond State Forest



### Soil Series and Drainage Classes of Stoney Pond State Forest

**Legend:**

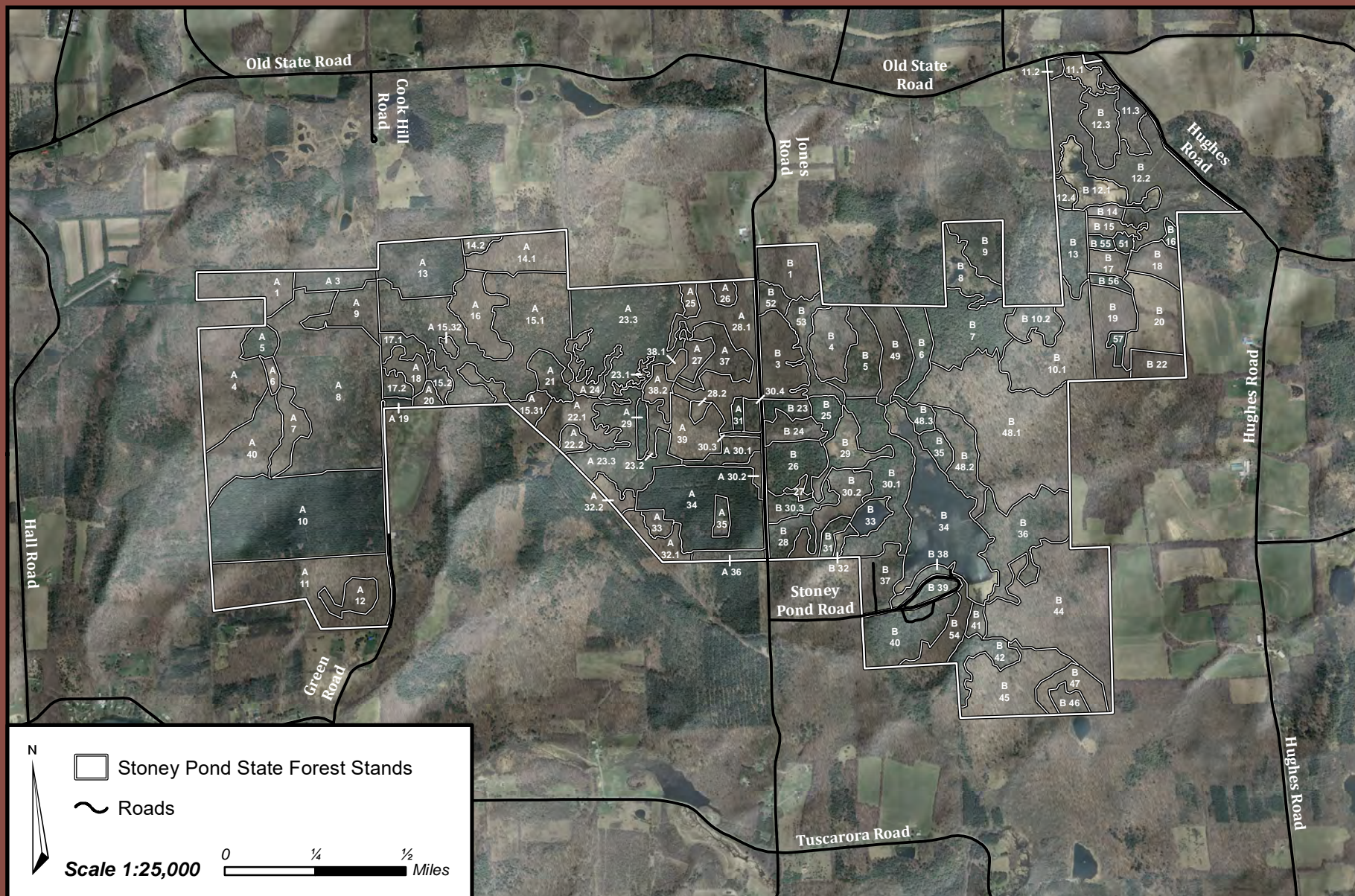
Au - Alluvial land	Ld-Ar - Lordstown-Arnot complex	Ma - Mardin channery silt loam	Fr - Fredon silt loam	Hw - Howard fine sandy loam	Some Excess. Drained
Ca - Carlisle muck	Ar - Arnot channery silt loam	Tu - Tuller channery silt loam	Ha - Halsey silt loam	Lm - Lamson v. fine sandy loam	Well Drained
Pa - Palms muck	Ba - Bath channery silt loam	Vo - Volusia channery silt loam	Hy - Honeoye silt loam	Pl - Palmyra gravelly loam	Moderately Well Drained
Al - Alden mucky s. loam	Bv - Bath various	Cd - Canandaigua silt loam	Li - Lima silt loam	La - Lansing gravelly silt loam	Somewhat Poorly Drained
Fn - Fonda mucky s. loam	Hr - Herkimer channery silt loam	Ch - Chippewa silt loam	Ly - Lyons silt loam	Ho - Howard gravelly silt loam	Poorly Drained
Ap - Appleton loam	Ld - Lordstown channery silt loam	Cl - Collamer silt loam	Te - Teel silt loam	Ph - Phelps gravelly silt loam	Very Poorly Drained
Ar-Ld - Arnot-Lordstown cplex	St - Stockbridge channery silt loam	Co - Conesus silt loam	Wy - Wayland silt loam	St-Ho - Stockbridge-Howard gsl.	Open Water

**Scale:** 1:25,000

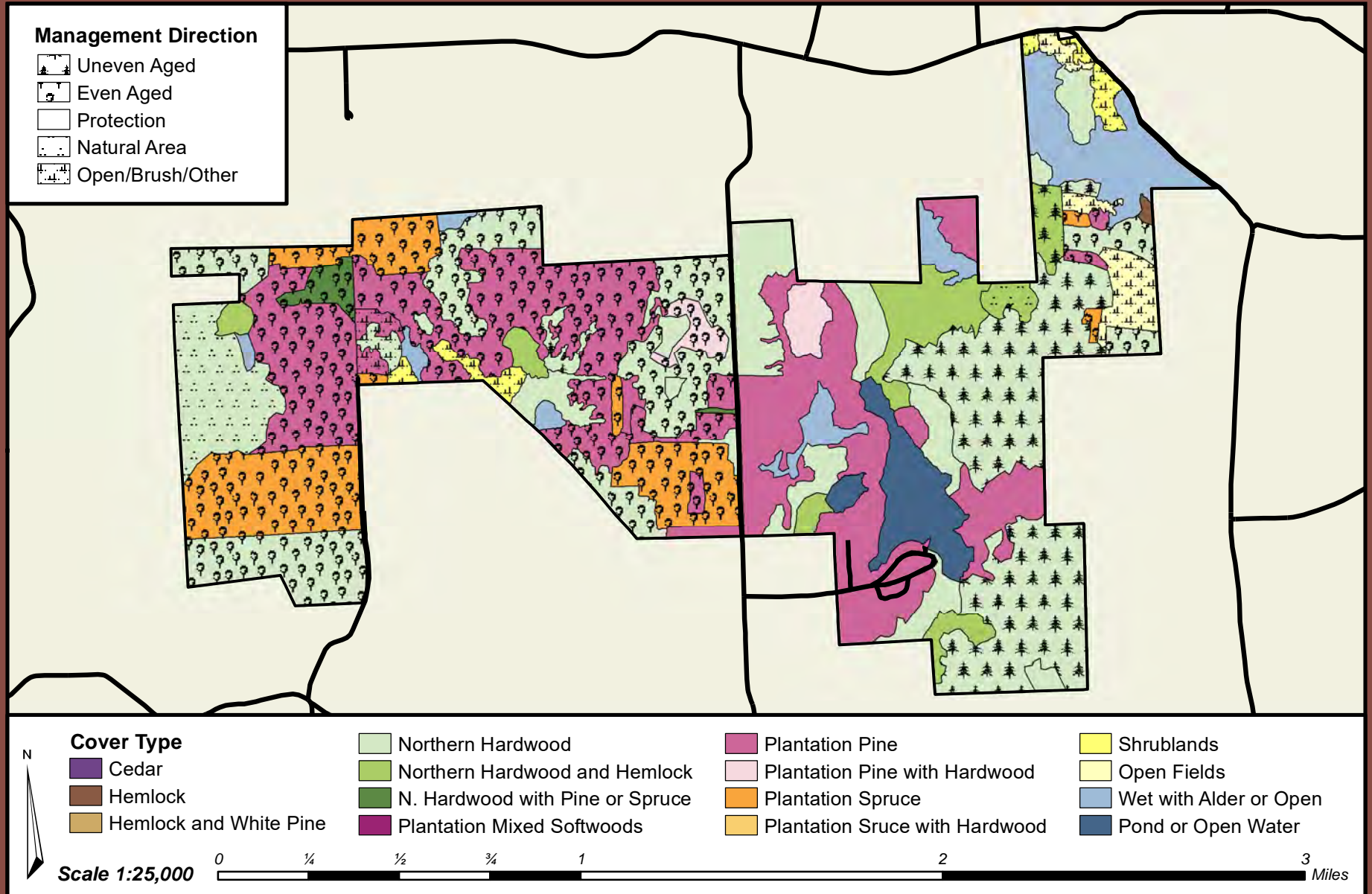
**North Arrow:** N

**Scale Bar:** 0 to 3 Miles

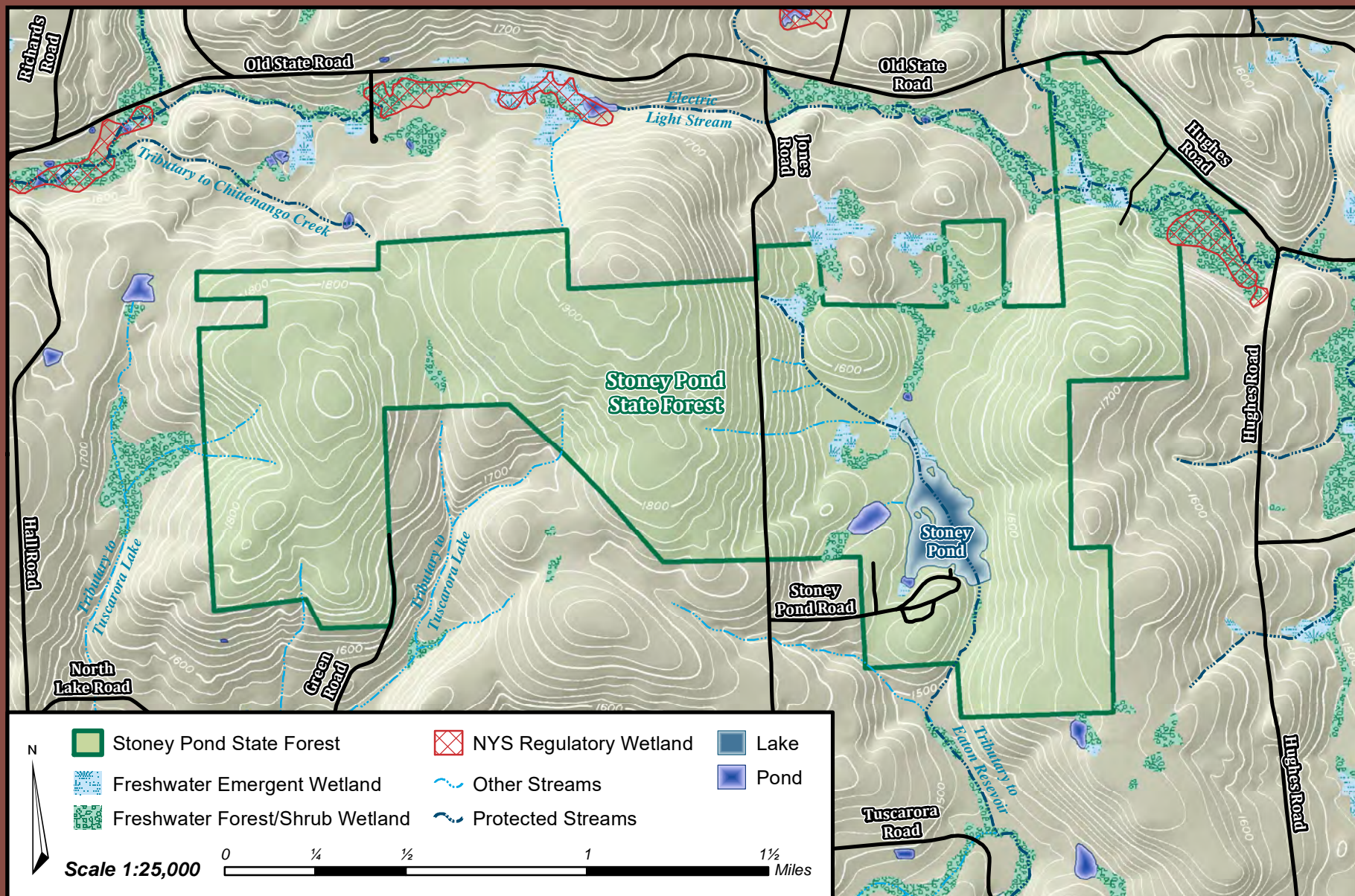
# Stand Mosaic of Stoney Pond State Forest



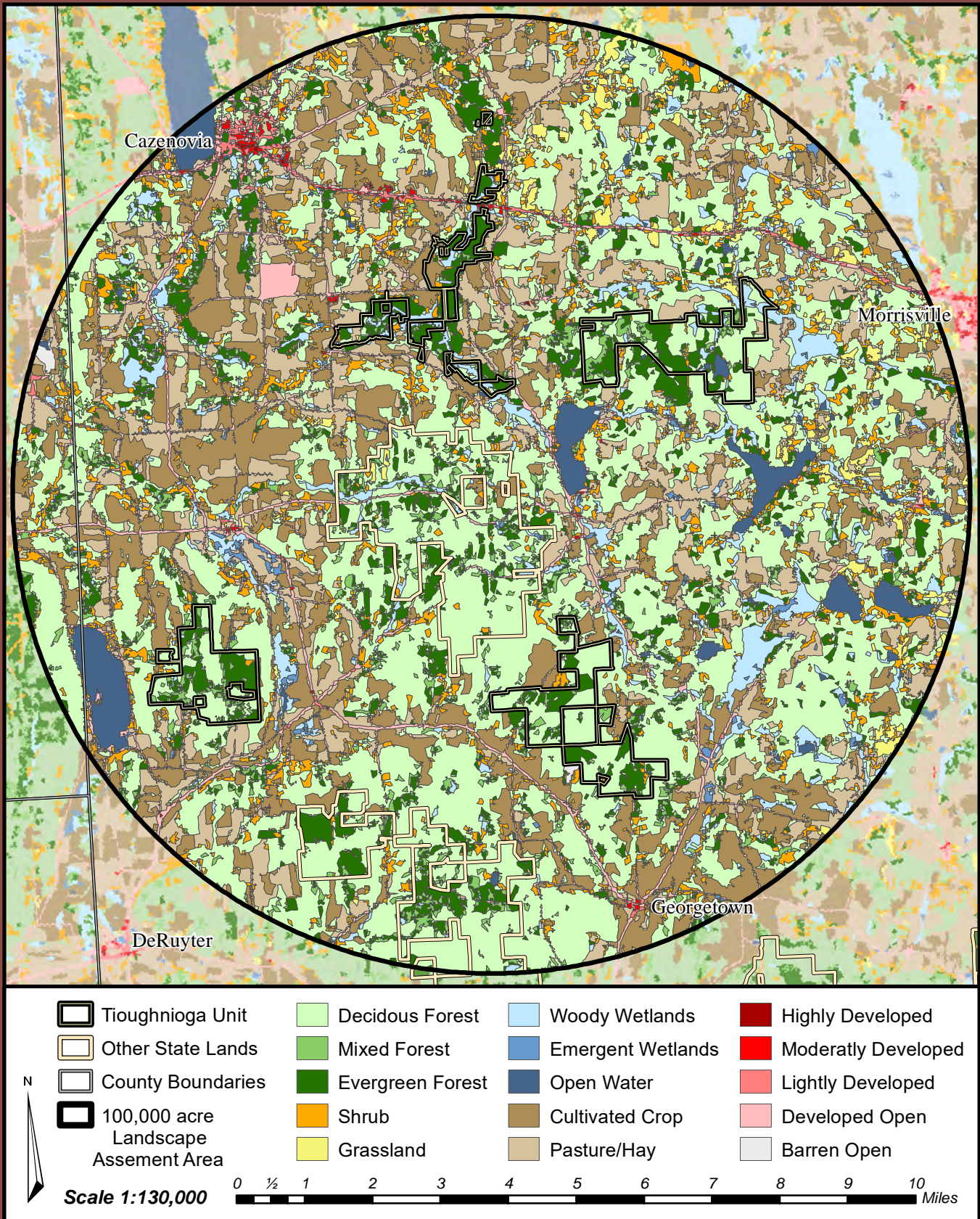
## Current Cover Types and Management Direction of Stoney Pond State Forest



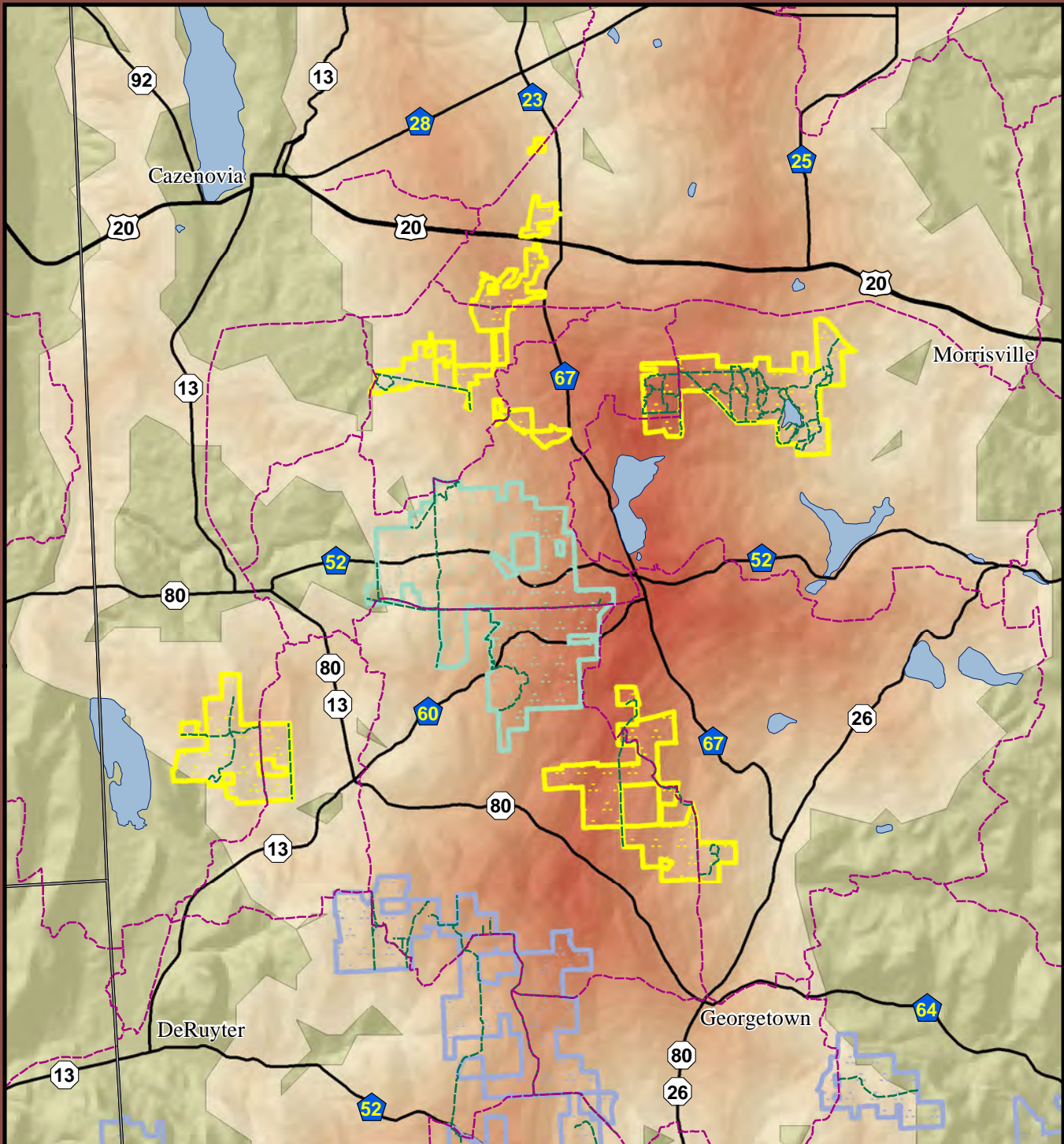
# Water Resources of Stoney Pond State Forest



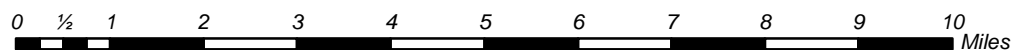
# Land Cover Classifications of the Tioughnioga Unit and Surrounding Landscape



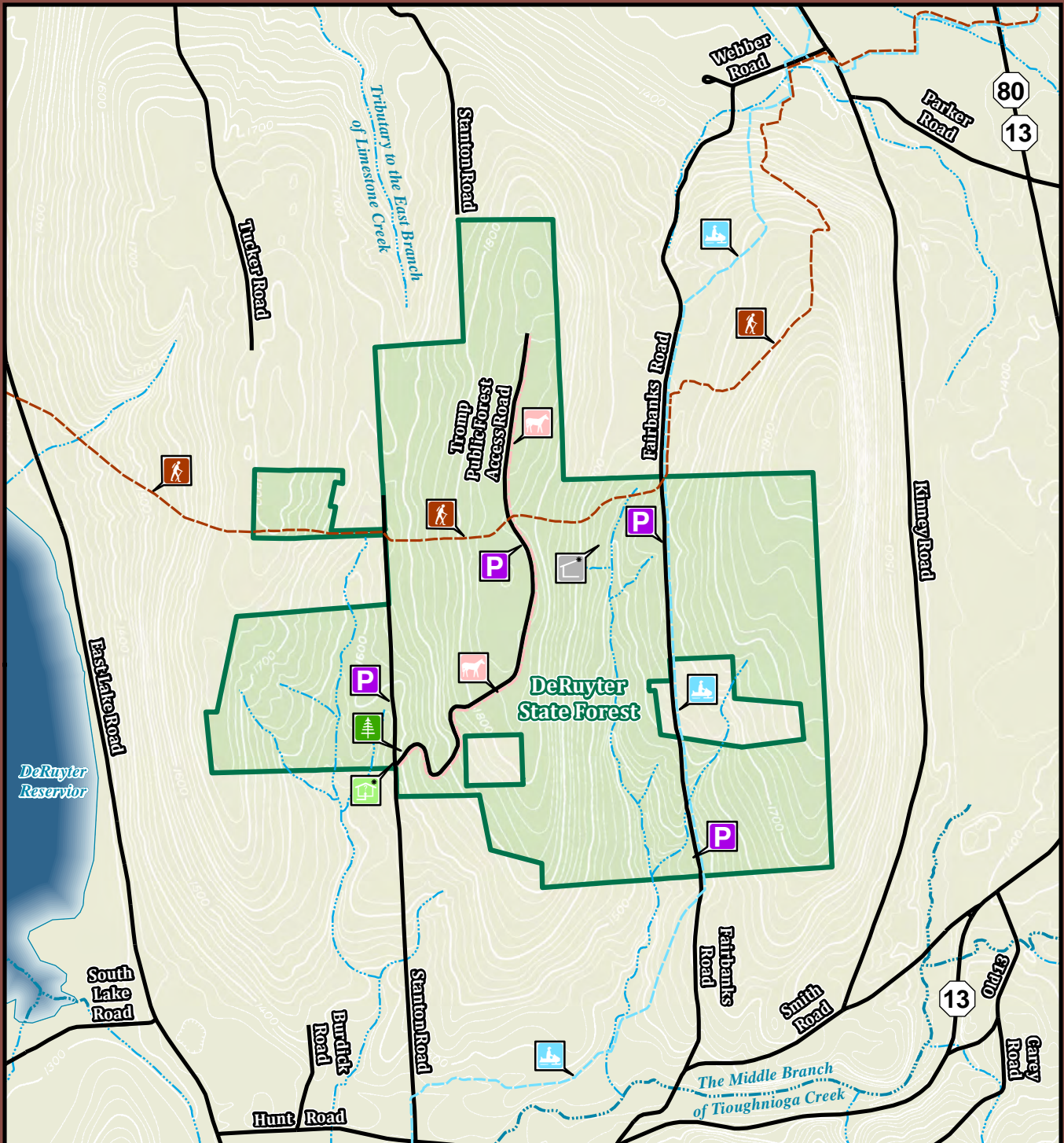
## Trail System Overview and Forest Block Linkage Zones



Scale 1:130,000



# Recreation, Facilities, Roads, and Topography of DeRuyter State Forest



DeRuyter SF

State Forest Sign

Kiosk \*Proposed

Lean-to \*Proposed

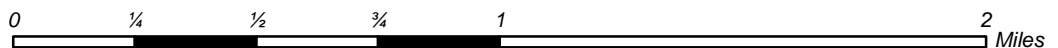
Designated Parking Area

Horse Carriage Trail

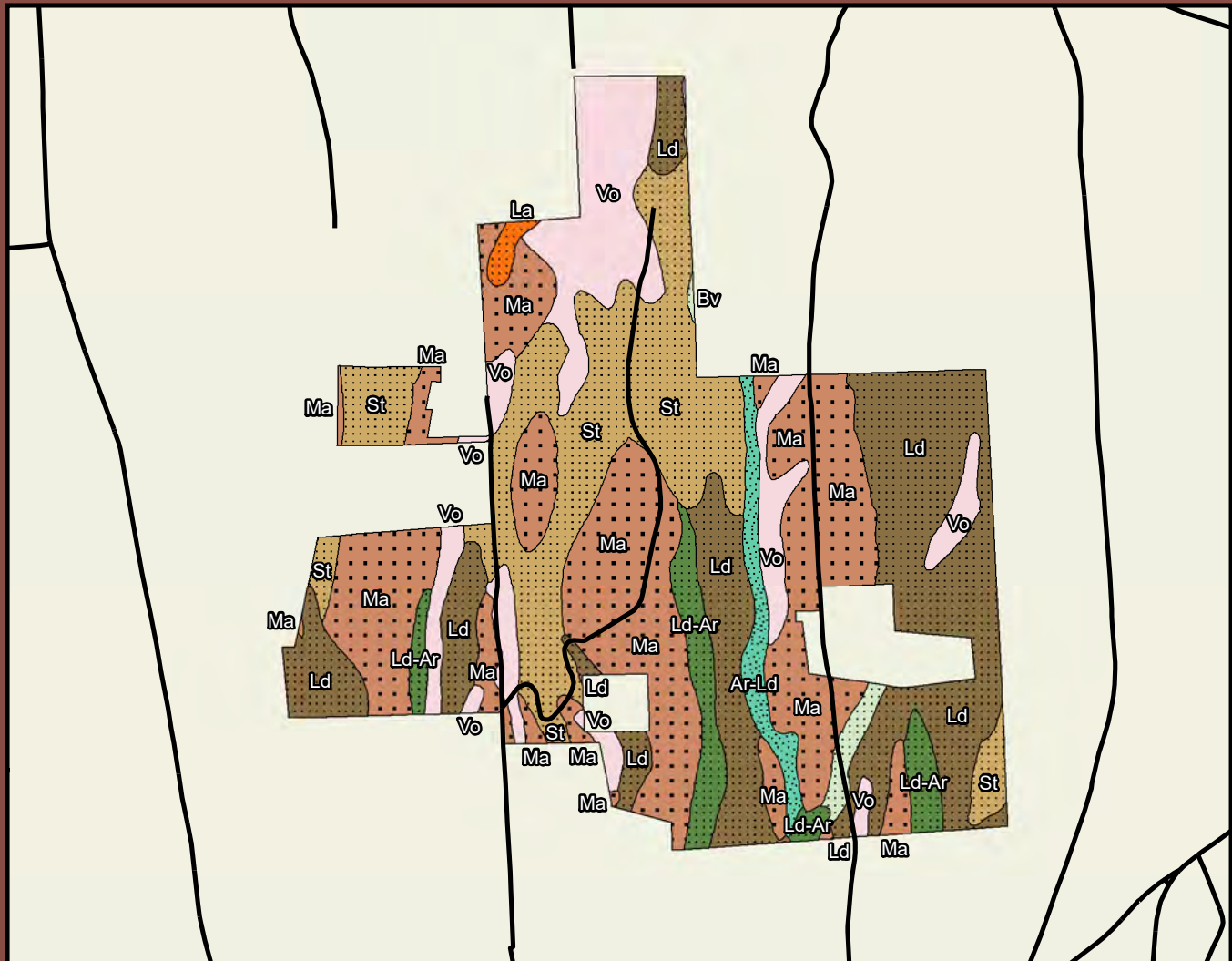
Snowmobile Trail

Hiking Trail

Scale 1:25,000



# Soil Series and Drainage Classes of DeRuyter State Forest



- |                                 |                                       |                                   |
|---------------------------------|---------------------------------------|-----------------------------------|
| ■ Open Water                    | ■ Hr - Herkimer channery silt loam    | ■ Hy - Honeoye silt loam          |
| ■ Au - Alluvial land            | ■ Ld - Lordstown channery silt loam   | ■ Li - Lima silt loam             |
| ■ Ca - Carlisle muck            | ■ St - Stockbridge channery silt loam | ■ Ly - Lyons silt loam            |
| ■ Pa - Palms muck               | ■ Ma - Mardin channery silt loam      | ■ Te - Teel silt loam             |
| ■ Al - Alden mucky s. loam      | ■ Tu - Tuller channery silt loam      | ■ Wy - Wayland silt loam          |
| ■ Fn - Fonda mucky s. loam      | ■ Vo - Volusia channery silt loam     | ■ Hw - Howard fine sandy loam     |
| ■ Ap - Appleton loam            | ■ Cd - Canandaigua silt loam          | ■ Lm - Lamson v. fine sandy loam  |
| ■ Ar-Ld - Arnot-Lordstown cplex | ■ Ch - Chippewa silt loam             | ■ Pl - Palmyra gravelly loam      |
| ■ Ld-Ar - Lordstown-Arnot cplex | ■ Cl - Collamer silt loam             | ■ La - Lansing gravelly silt loam |
| ■ Ar - Arnot channery silt loam | ■ Co - Conesus silt loam              | ■ Ho - Howard gravelly silt loam  |
| ■ Ba - Bath channery silt loam  | ■ Fr - Fredon silt loam               | ■ Ph - Phelps gravelly silt loam  |
| ■ Bv - Bath various             | ■ Ha - Halsey silt loam               | ■ St-Ho - Stockbridge-Howard gsl. |

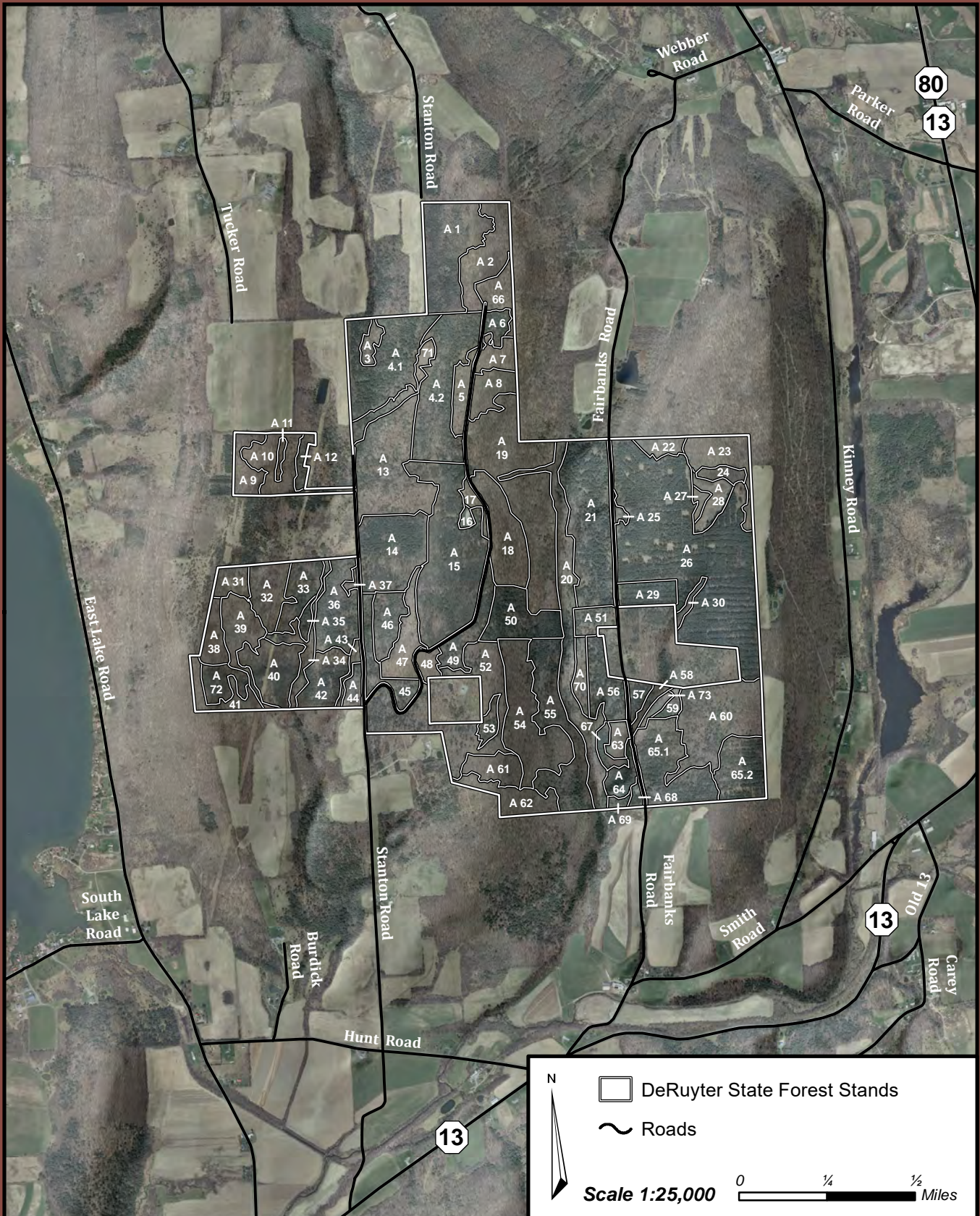
- |                            |                           |                       |
|----------------------------|---------------------------|-----------------------|
| ■ Somewhat Excess. Drained | ■ Moderately Well Drained | ■ Poorly Drained      |
| ■ Well Drained             | ■ Somewhat Poorly Drained | ■ Very Poorly Drained |



Scale 1:25,000

0 1/4 1/2 3/4 1 2 Miles

# Stand Mosaic of DeRuyter State Forest



## Current Cover Types and Management Direction of DeRuyter State Forest



### Management Direction

- Uneven Aged
- Even Aged
- Protection
- Natural Area
- Open/Brush/Other

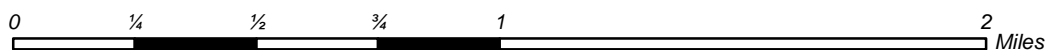
### Cover Type

- Cedar
- Hemlock
- Hemlock and White Pine
- Northern Hardwood
- Northern Hardwood and Hemlock
- N. Hardwood with Pine or Spruce
- Plantation Mixed Softwoods

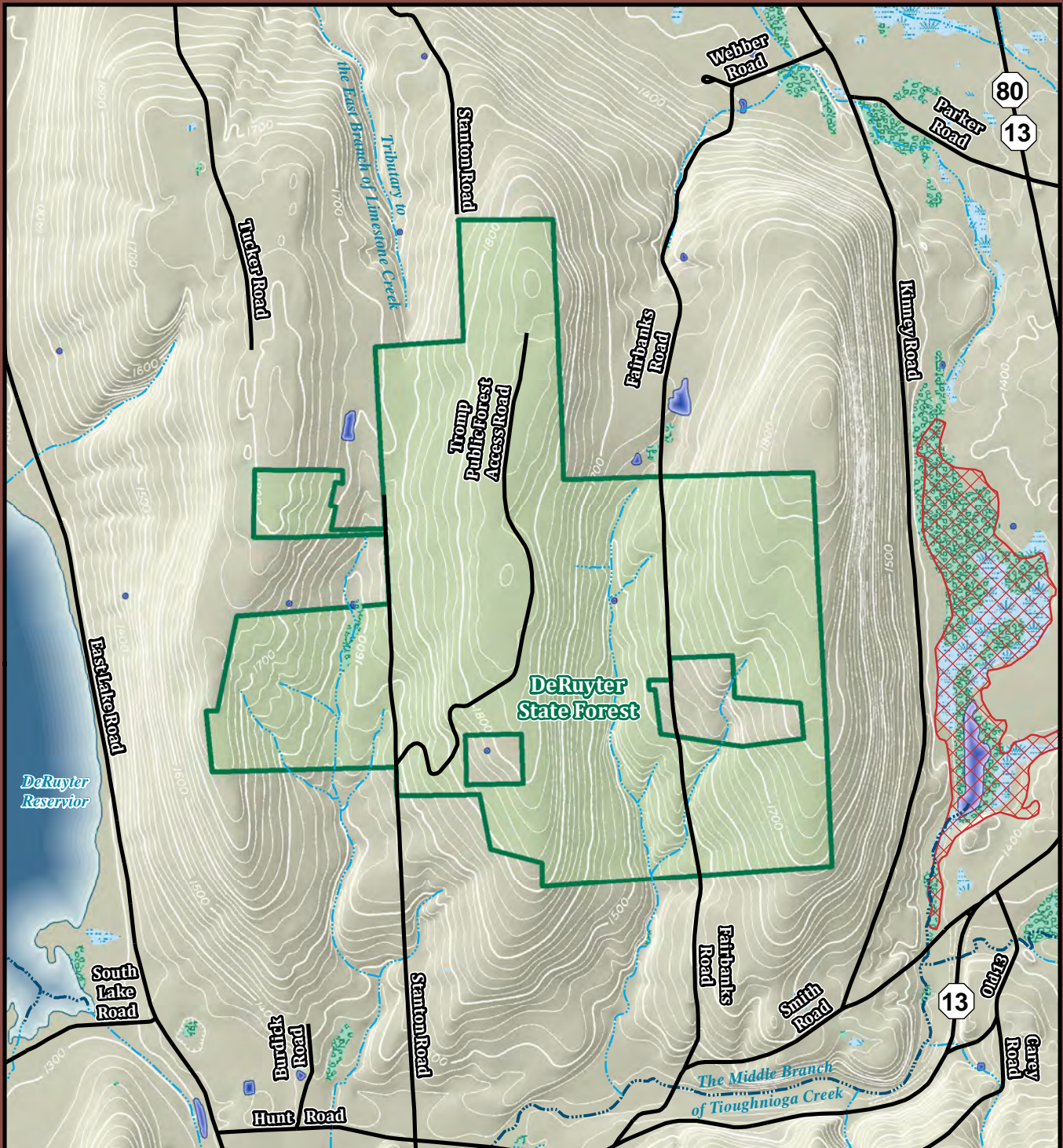
- Plantation Pine
- Plantation Pine with Hardwood
- Plantation Spruce
- Plantation Spruce with Hardwood
- Shrublands
- Open Fields
- Wet with Alder or Open
- Pond or Open Water



Scale 1:25,000



# Water Resources of DeRuyter State Forest



DeRuyter SF

NYS Regulatory Wetland

Other Streams

Protected Streams

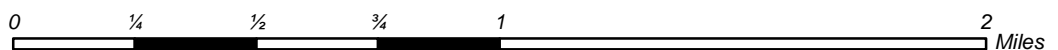
Freshwater Emergent Wetland

Freshwater Forest/Shrub Wetland

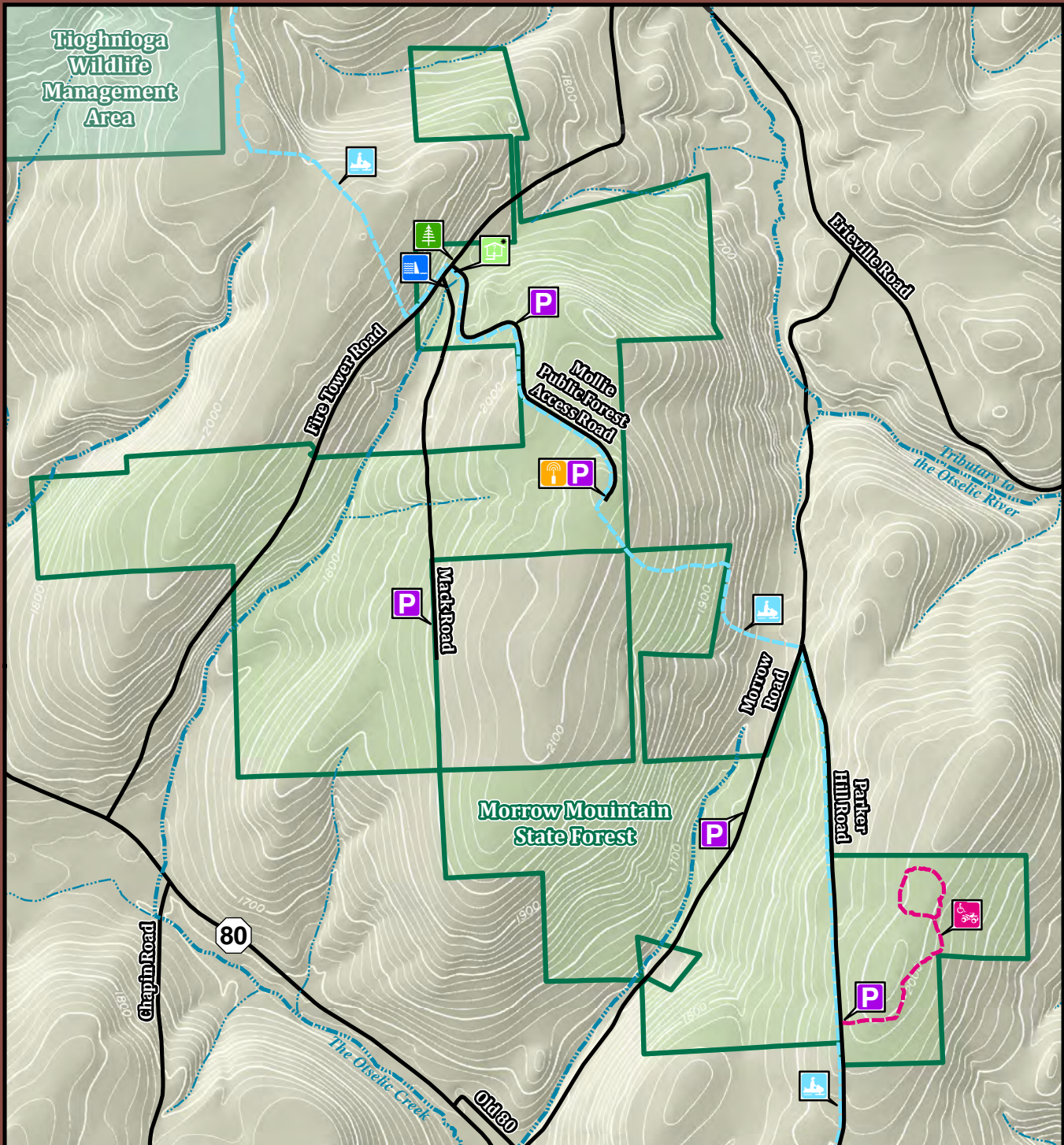
Lake

Pond

Scale 1:25,000



# Recreation, Facilities, Roads, and Topography of Morrow Mountain State Forest



Morrow Mountain SF



State Forest Sign



Designated Parking Area



Snowmobile Trail

Kiosk \*Proposed



Dam Impoundment

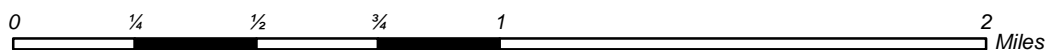


Communications Tower

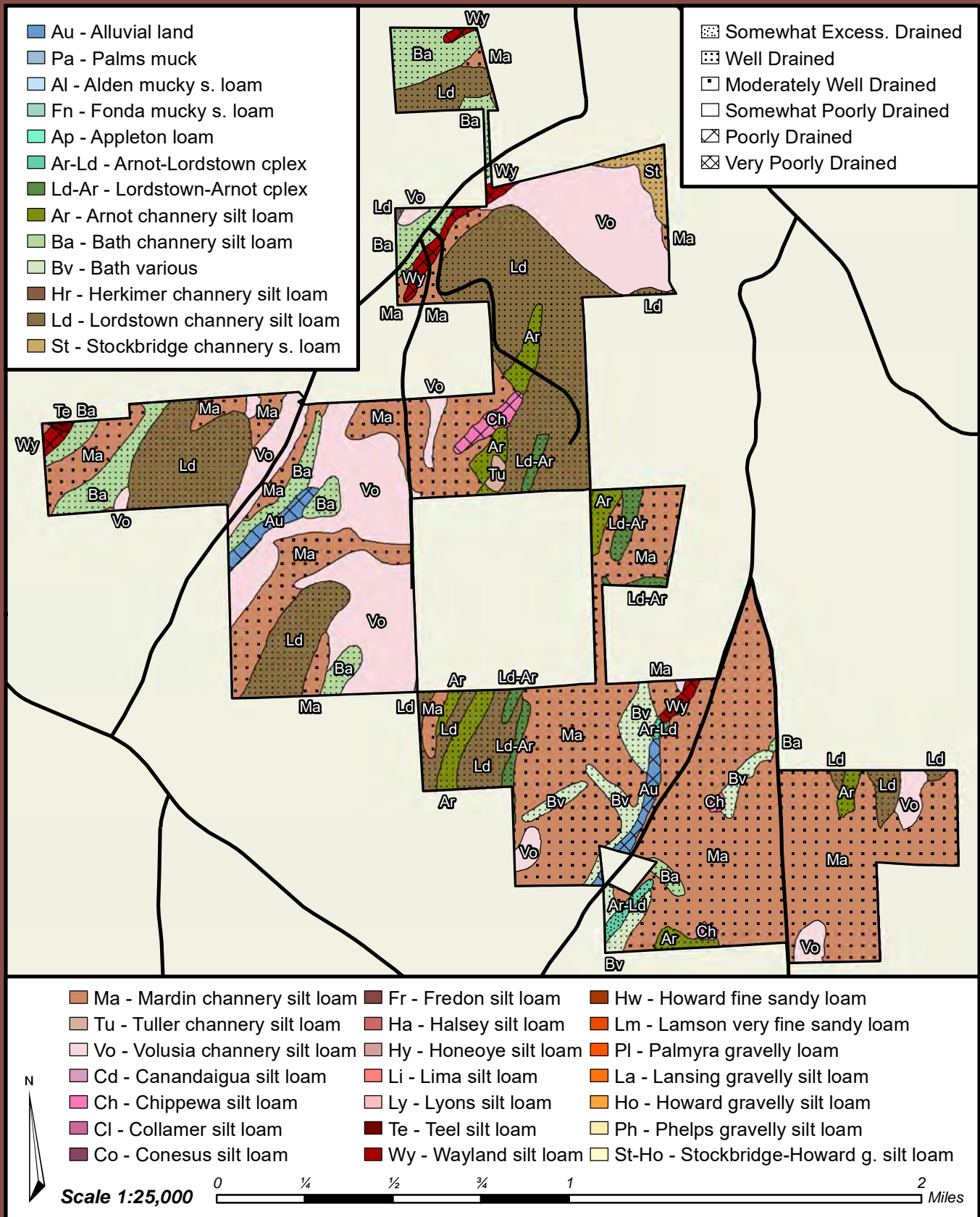


Motorized Access  
(Permit Required)

Scale 1:25,000



# Soil Series and Drainage Classes of Morrow Mountain State Forest



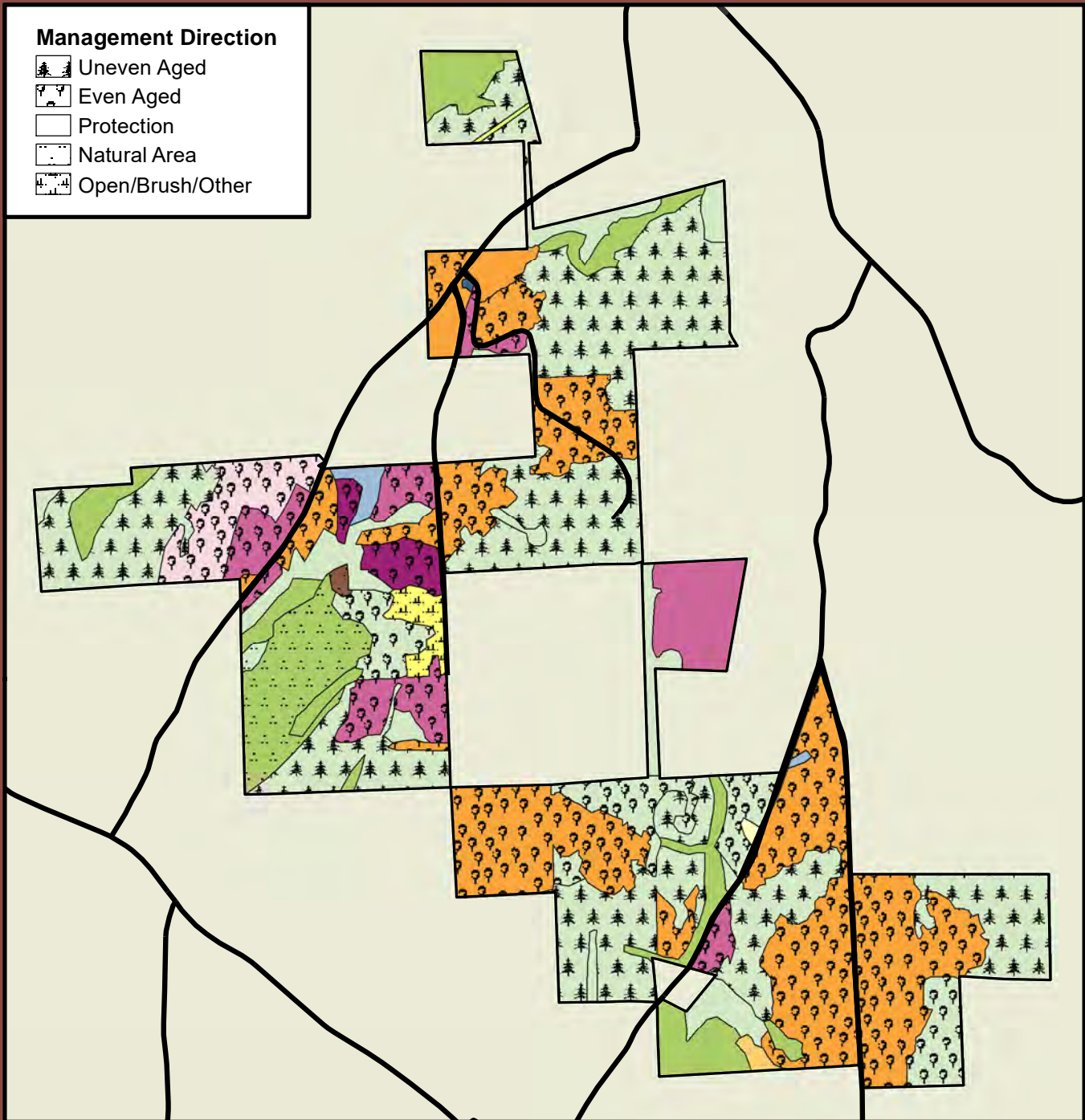
# Stand Mosaic of Morrow Mountain State Forest



# Current Cover Type and Management Direction of Morrow Mountain State Forest

## Management Direction

- Uneven Aged
- Even Aged
- Protection
- Natural Area
- Open/Brush/Other



## Cover Type

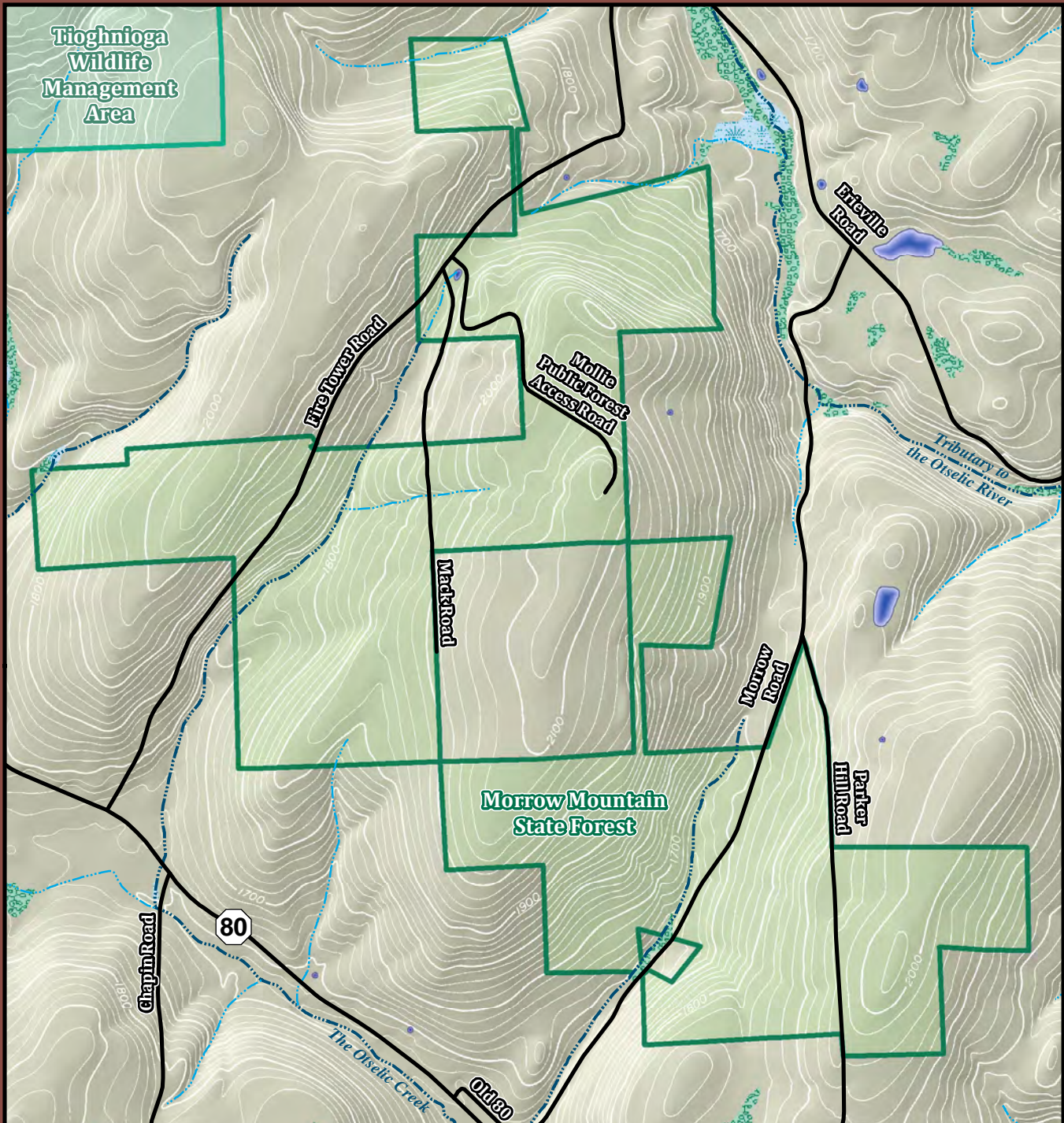
- |                        |                           |                                 |
|------------------------|---------------------------|---------------------------------|
| Shrublands             | Hemlock                   | Plantation Mixed Softwoods      |
| Open Fields            | Hemlock and White Pine    | Plantation Pine                 |
| Wet with Alder or Open | Northern Hardwood         | Plantation Pine with Hardwood   |
| Pond or Open Water     | N. H. and Hemlock         | Plantation Spruce               |
|                        | N. H. with Pine or Spruce | Plantation Spruce with Hardwood |



Scale 1:25,000

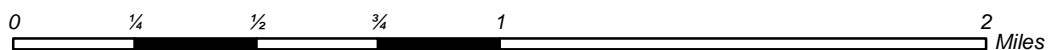
0 1/4 1/2 3/4 1 2 Miles

# Water Resources of Morrow Mountain State Forest

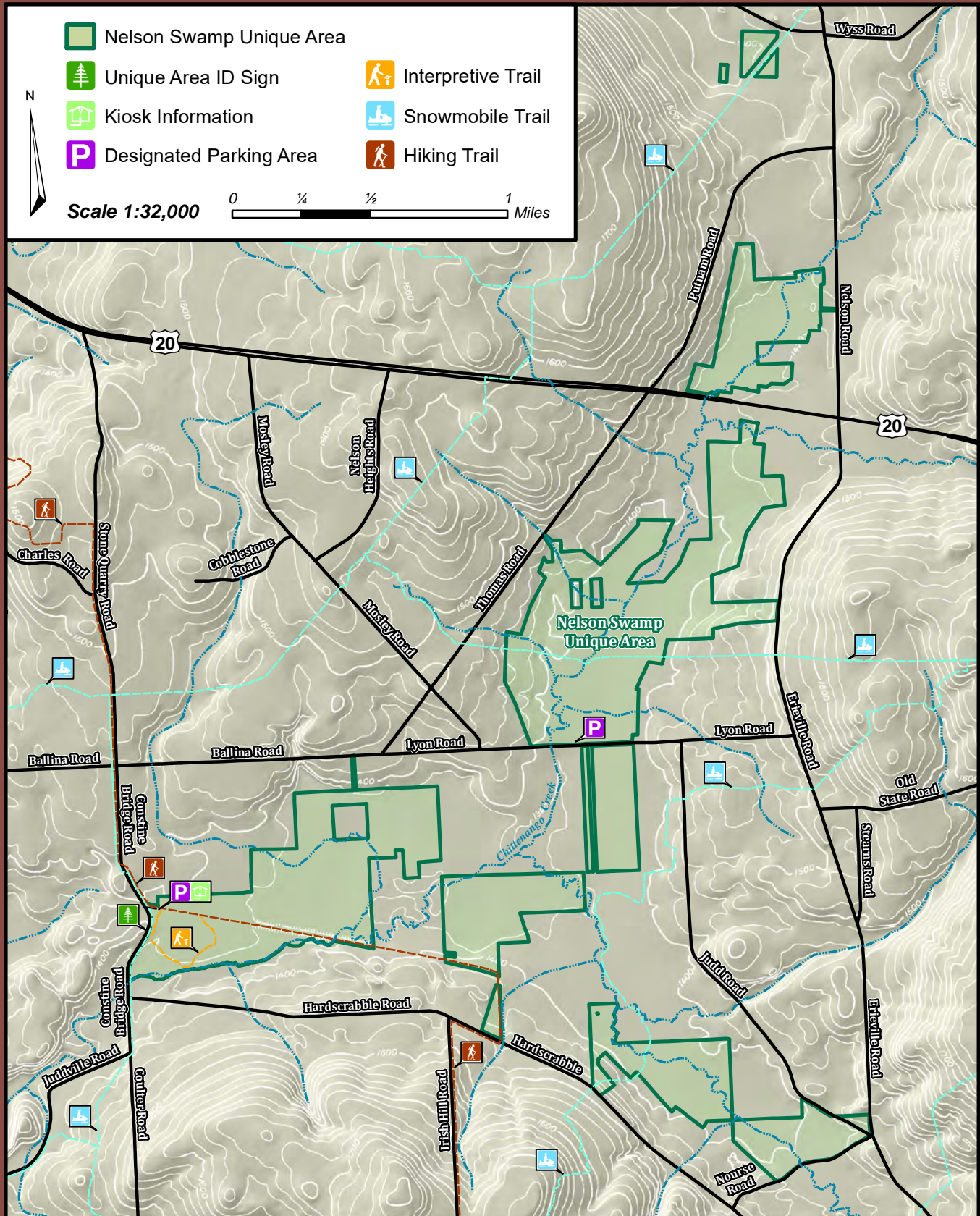


- |                        |                   |                                 |      |
|------------------------|-------------------|---------------------------------|------|
| Morrow Mountain SF     | Other Streams     | Freshwater Emergent Wetland     | Lake |
| Tioughnioga WMA        | Protected Streams | Freshwater Forest/Shrub Wetland | Pond |
| NYS Regulatory Wetland |                   |                                 |      |

Scale 1:25,000

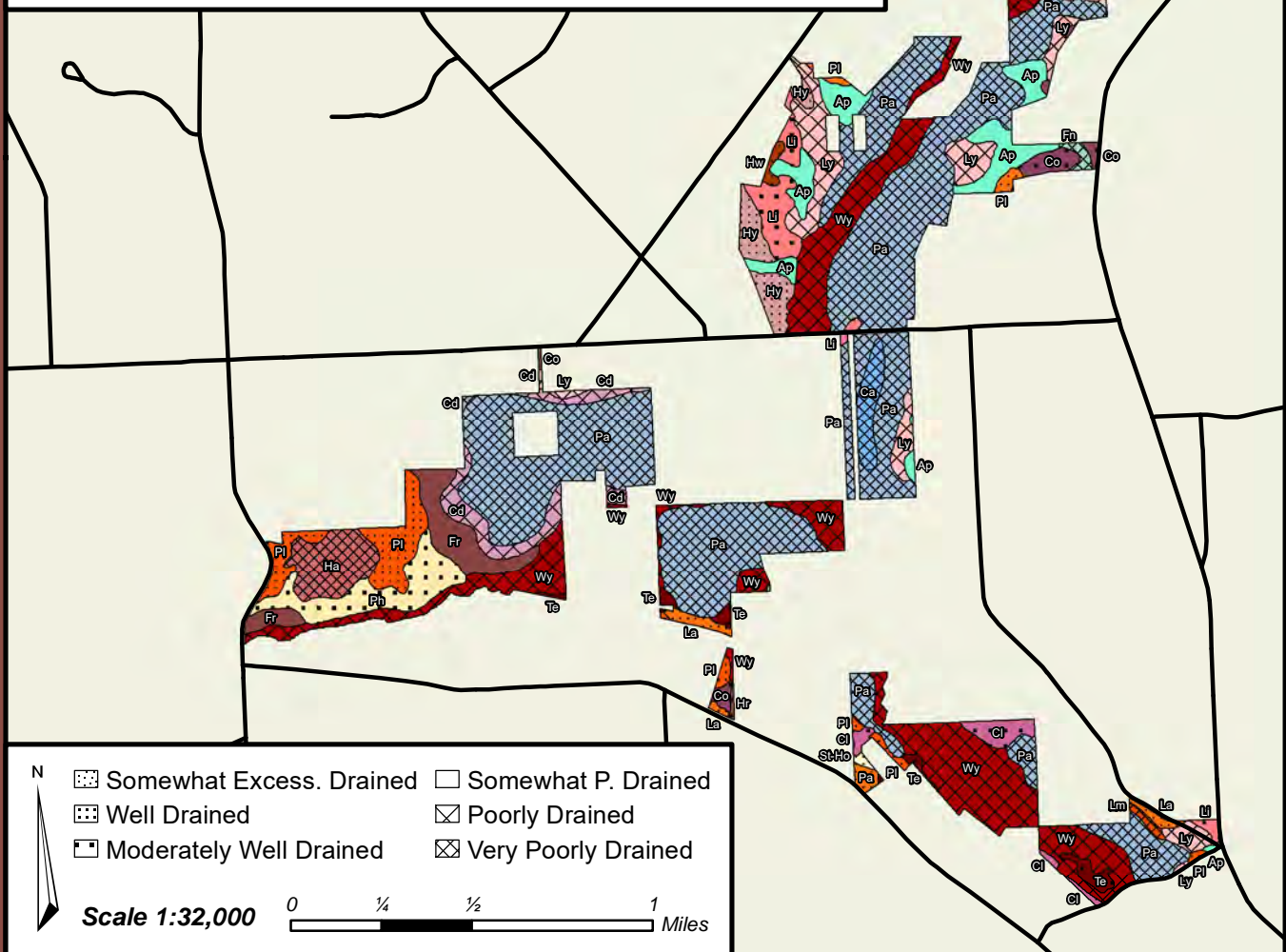


# Recreation, Facilities, Roads, and Topography of Nelson Swamp Unique Area

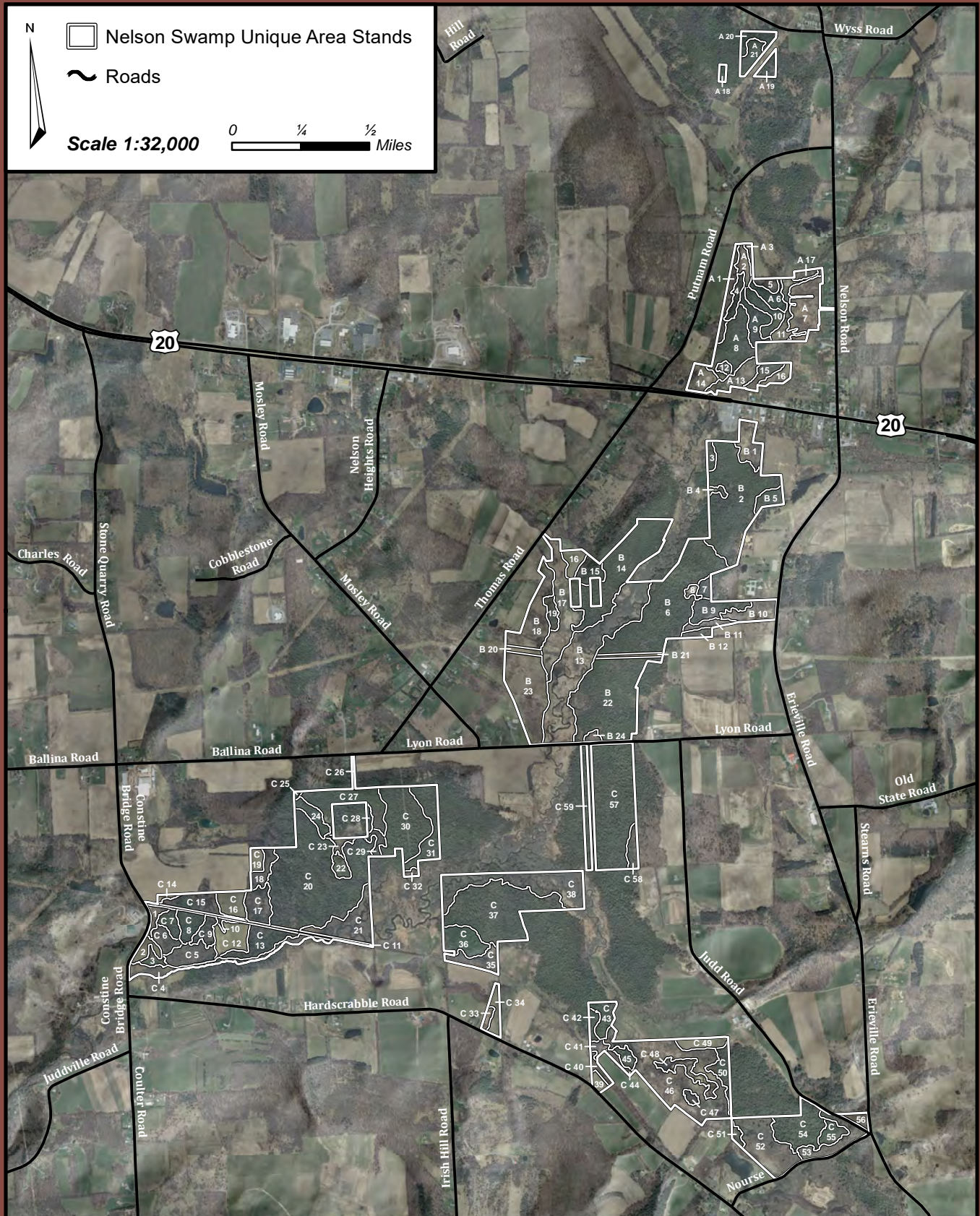


# Soil Series and Drainage Classes of Nelson Swamp Unique Area

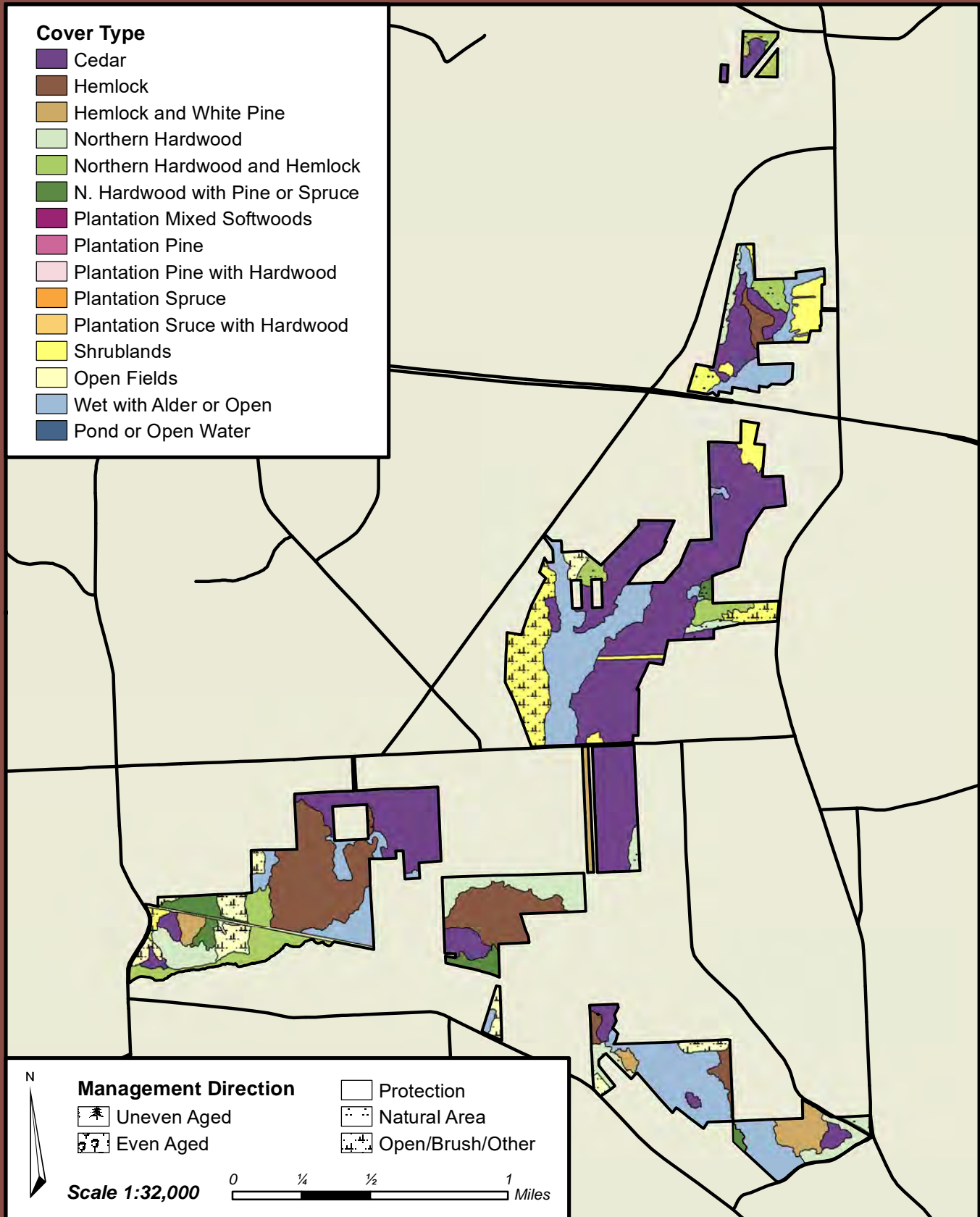
- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| ■ Open Water                          | ■ Cd - Canandaigua silt loam      |
| ■ Au - Alluvial land                  | ■ Ch - Chippewa silt loam         |
| ■ Ca - Carlisle muck                  | ■ Cl - Collamer silt loam         |
| ■ Pa - Palms muck                     | ■ Co - Conesus silt loam          |
| ■ Al - Alden mucky s. loam            | ■ Fr - Fredon silt loam           |
| ■ Fn - Fonda mucky s. loam            | ■ Ha - Halsey silt loam           |
| ■ Ap - Appleton loam                  | ■ Hy - Honeoye silt loam          |
| ■ Ar-Ld - Arnot-Lordstown cplex       | ■ Li - Lima silt loam             |
| ■ Ld-Ar - Lordstown-Arnot complex     | ■ Ly - Lyons silt loam            |
| ■ Ar - Arnot channery silt loam       | ■ Te - Teel silt loam             |
| ■ Ba - Bath channery silt loam        | ■ Wy - Wayland silt loam          |
| ■ Bv - Bath various                   | ■ Hw - Howard fine sandy loam     |
| ■ Hr - Herkimer channery silt loam    | ■ Lm - Lamson v. fine sandy loam  |
| ■ Ld - Lordstown channery silt loam   | ■ Pl - Palmyra gravelly loam      |
| ■ St - Stockbridge channery silt loam | ■ La - Lansing gravelly silt loam |
| ■ Ma - Mardin channery silt loam      | ■ Ho - Howard gravelly silt loam  |
| ■ Tu - Tuller channery silt loam      | ■ Ph - Phelps gravelly silt loam  |
| ■ Vo - Volusia channery silt loam     | ■ St-Ho - Stockbridge-Howard gsl. |



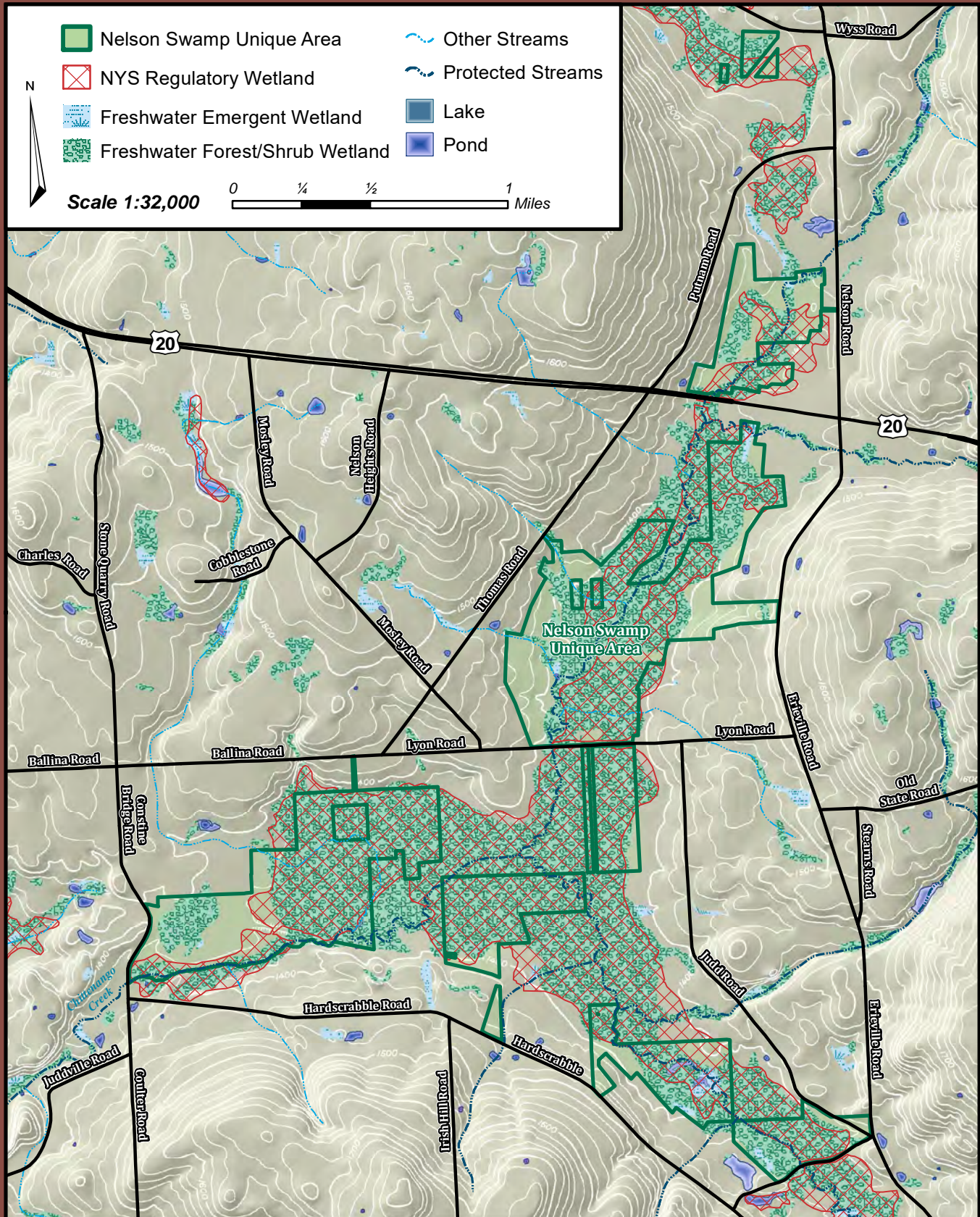
# Stand Mosaic of Nelson Swamp Unique Area



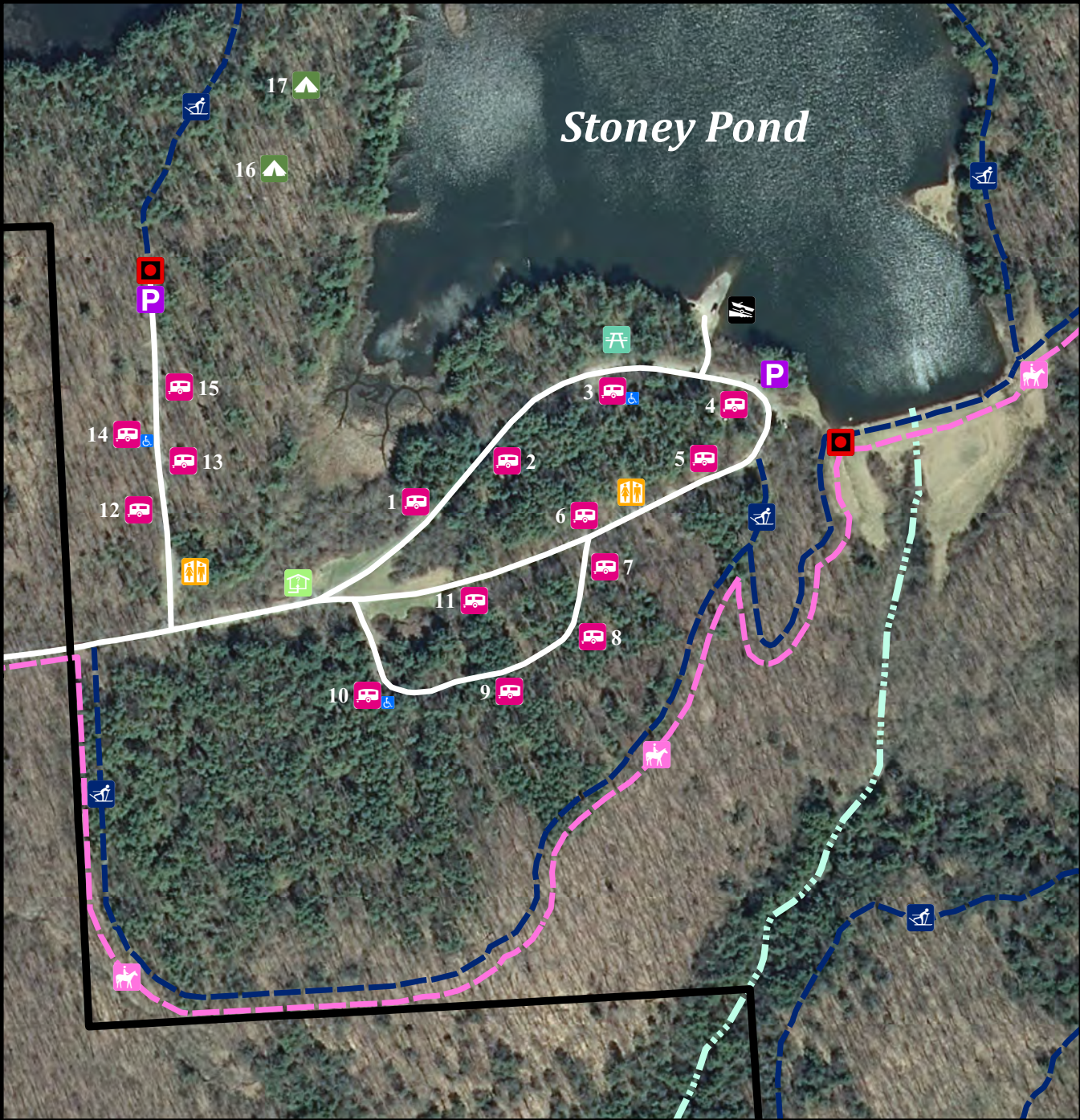
## Current Cover Types and Management Direction of Nelson Swamp Unique Area



# Water Resources of Nelson Swamp Unique Area



# Campground Area of Stoney Pond State Forest

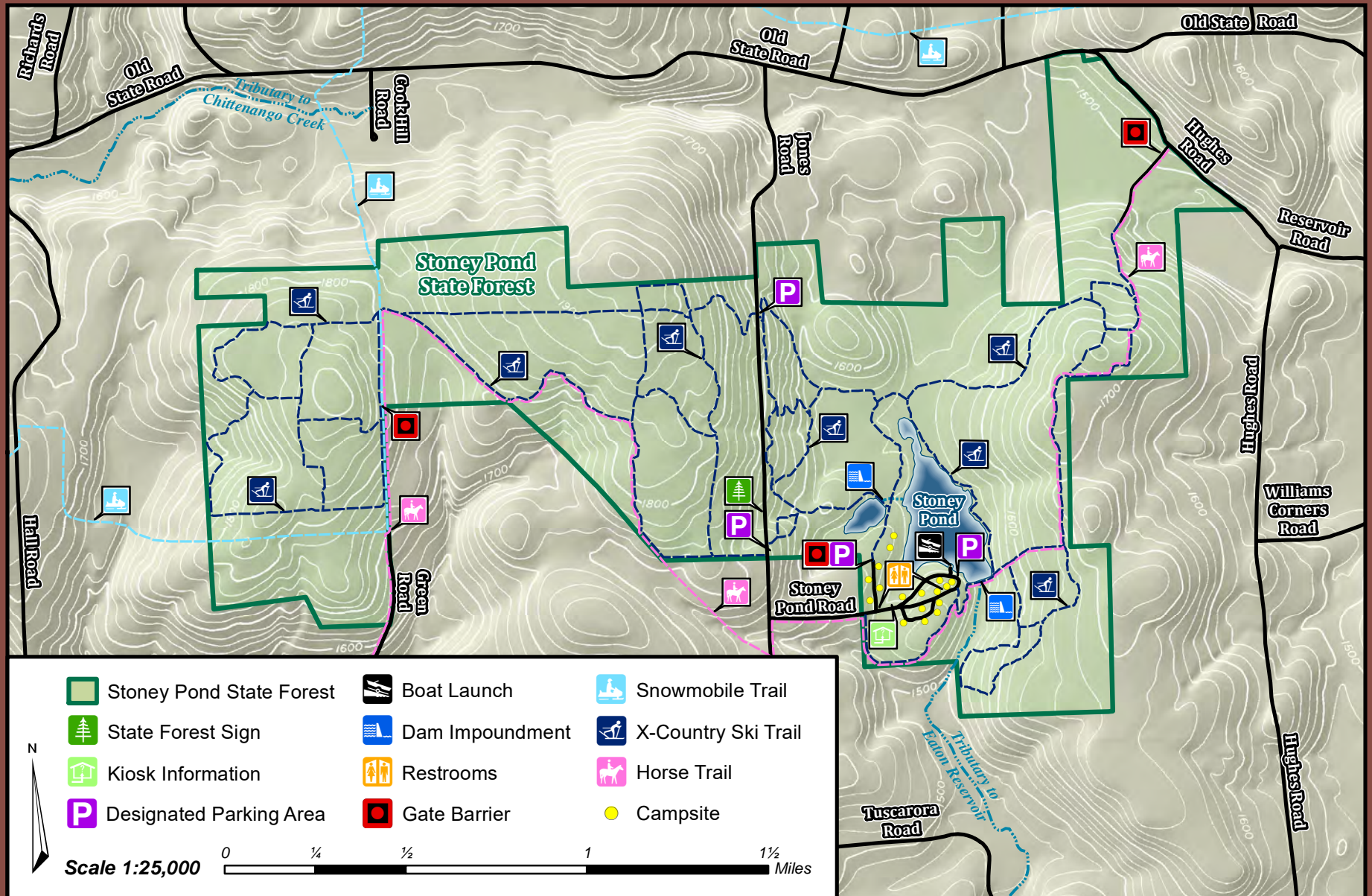


- |                          |                   |              |                     |
|--------------------------|-------------------|--------------|---------------------|
| Stoney Pond State Forest | Camping Site      | Day Use Area | X-Country Ski Trail |
| Kiosk Information        | Walk-In Tent Site | Boat Launch  | Horse Trail         |
| Designated Parking Area  | Accessible Site   | Restrooms    | Gate Barrier        |

Scale 1:3,750



## Recreation, Facilities, Roads, and Topography of Stoney Pond State Forest



### Soil Series and Drainage Classes of Stoney Pond State Forest

**Legend:**

Au - Alluvial land	Ld-Ar - Lordstown-Arnot complex	Ma - Mardin channery silt loam	Fr - Fredon silt loam	Hw - Howard fine sandy loam	Some Excess. Drained
Ca - Carlisle muck	Ar - Arnot channery silt loam	Tu - Tuller channery silt loam	Ha - Halsey silt loam	Lm - Lamson v. fine sandy loam	Well Drained
Pa - Palms muck	Ba - Bath channery silt loam	Vo - Volusia channery silt loam	Hy - Honeoye silt loam	Pl - Palmyra gravelly loam	Moderately Well Drained
Al - Alden mucky s. loam	Bv - Bath various	Cd - Canandaigua silt loam	Li - Lima silt loam	La - Lansing gravelly silt loam	Somewhat Poorly Drained
Fn - Fonda mucky s. loam	Hr - Herkimer channery silt loam	Ch - Chippewa silt loam	Ly - Lyons silt loam	Ho - Howard gravelly silt loam	Poorly Drained
Ap - Appleton loam	Ld - Lordstown channery silt loam	Cl - Collamer silt loam	Te - Teel silt loam	Ph - Phelps gravelly silt loam	Very Poorly Drained
Ar-Ld - Arnot-Lordstown cplex	St - Stockbridge channery silt loam	Co - Conesus silt loam	Wy - Wayland silt loam	St-Ho - Stockbridge-Howard gsl.	Open Water

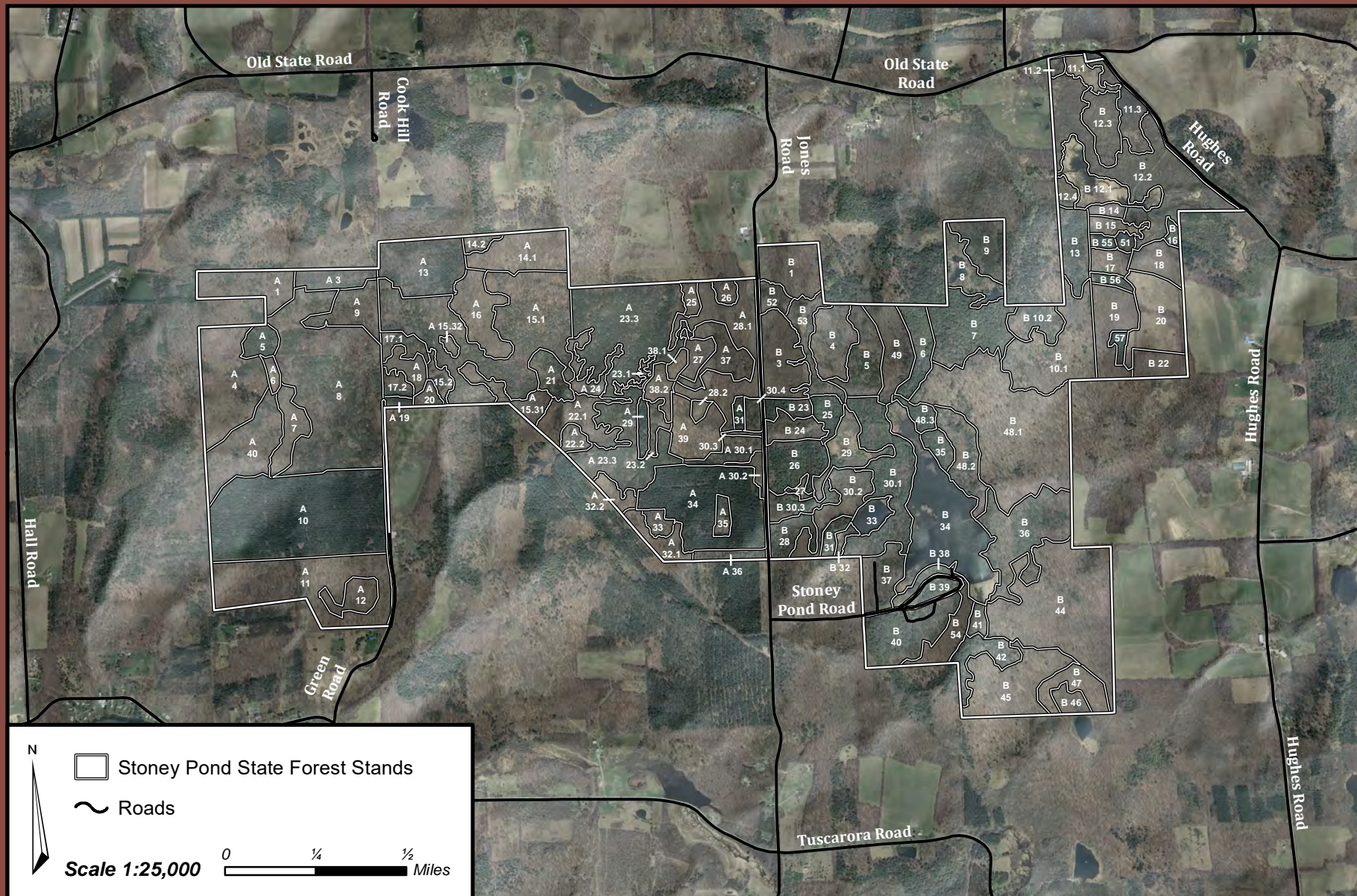
**Scale:** 1:25,000

**North Arrow:** N

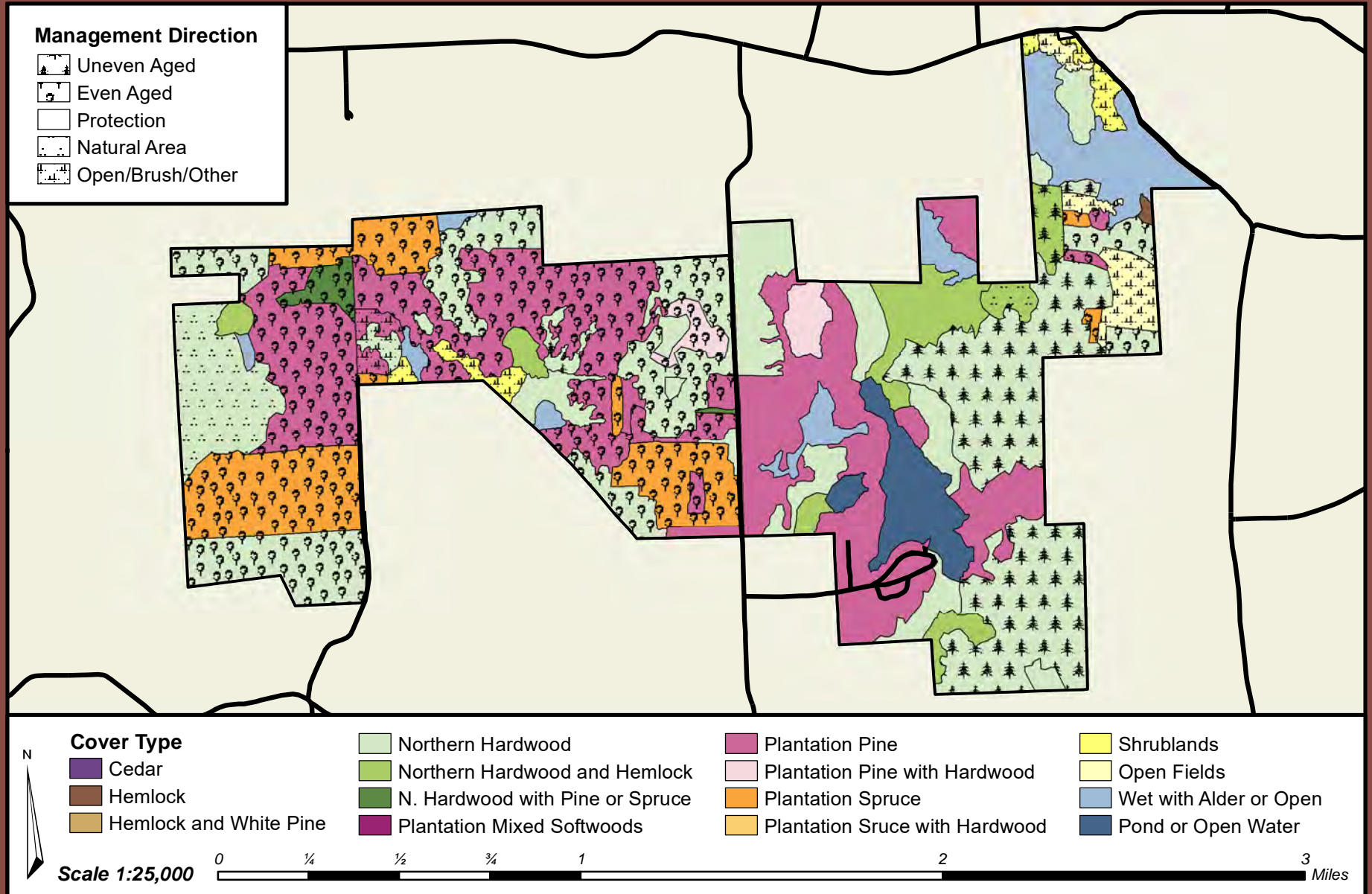
**Scale Bar:** 0 to 3 Miles

**Map Labels:** The map is labeled with various soil series abbreviations including Au, Ca, Pa, Al, Fn, Ap, Ar-Ld, Ld-Ar, Ma, Tu, Vo, Cd, Ch, Cl, Co, Fr, Ha, Hy, Li, Ly, Te, Wy, Hw, Lm, Pl, La, Ho, Ph, St-Ho, and various drainage classes (e.g., Well Drained, Moderately Well Drained, Somewhat Poorly Drained, Poorly Drained, Very Poorly Drained, Open Water).

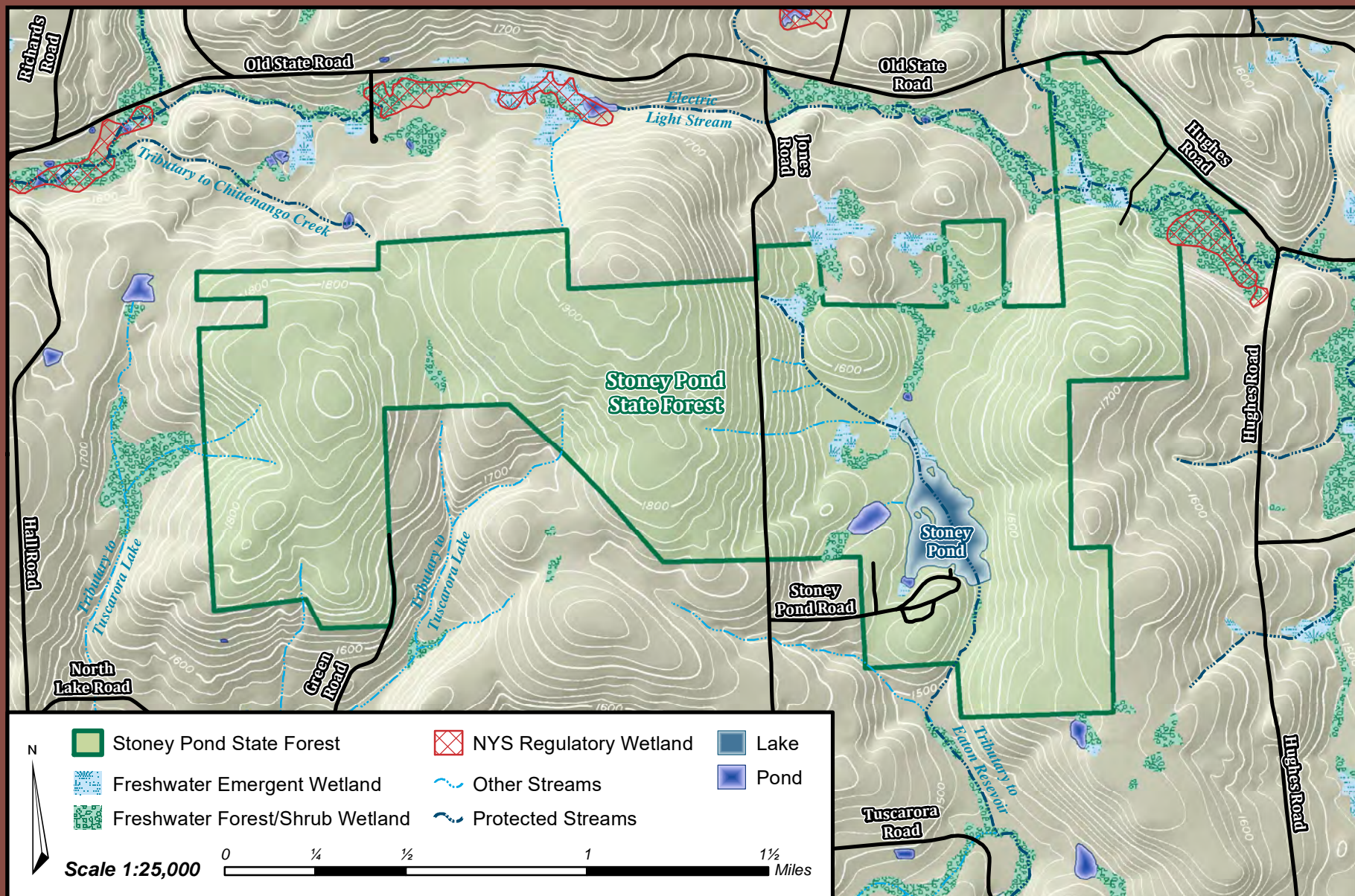
# Stand Mosaic of Stoney Pond State Forest



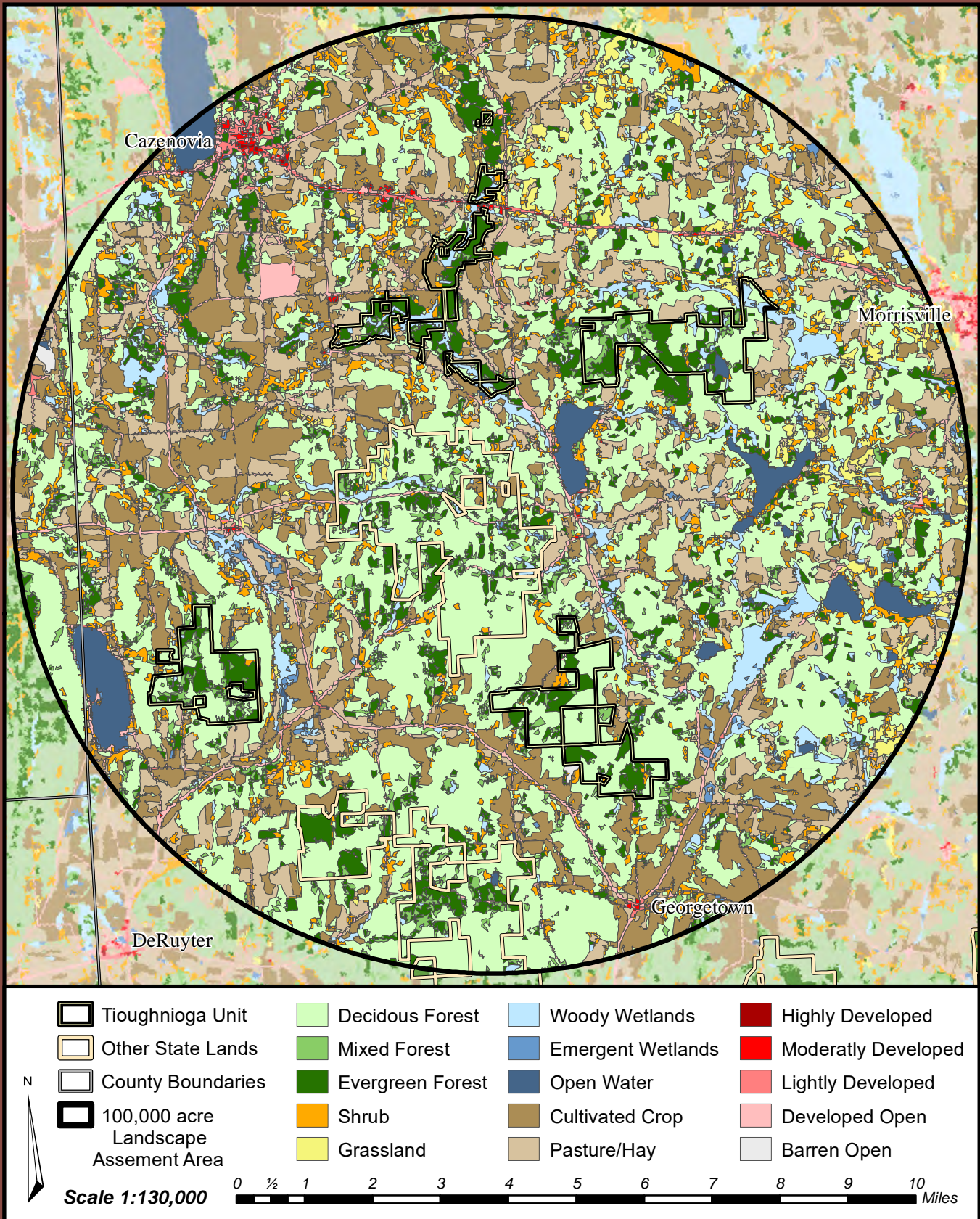
## Current Cover Types and Management Direction of Stoney Pond State Forest



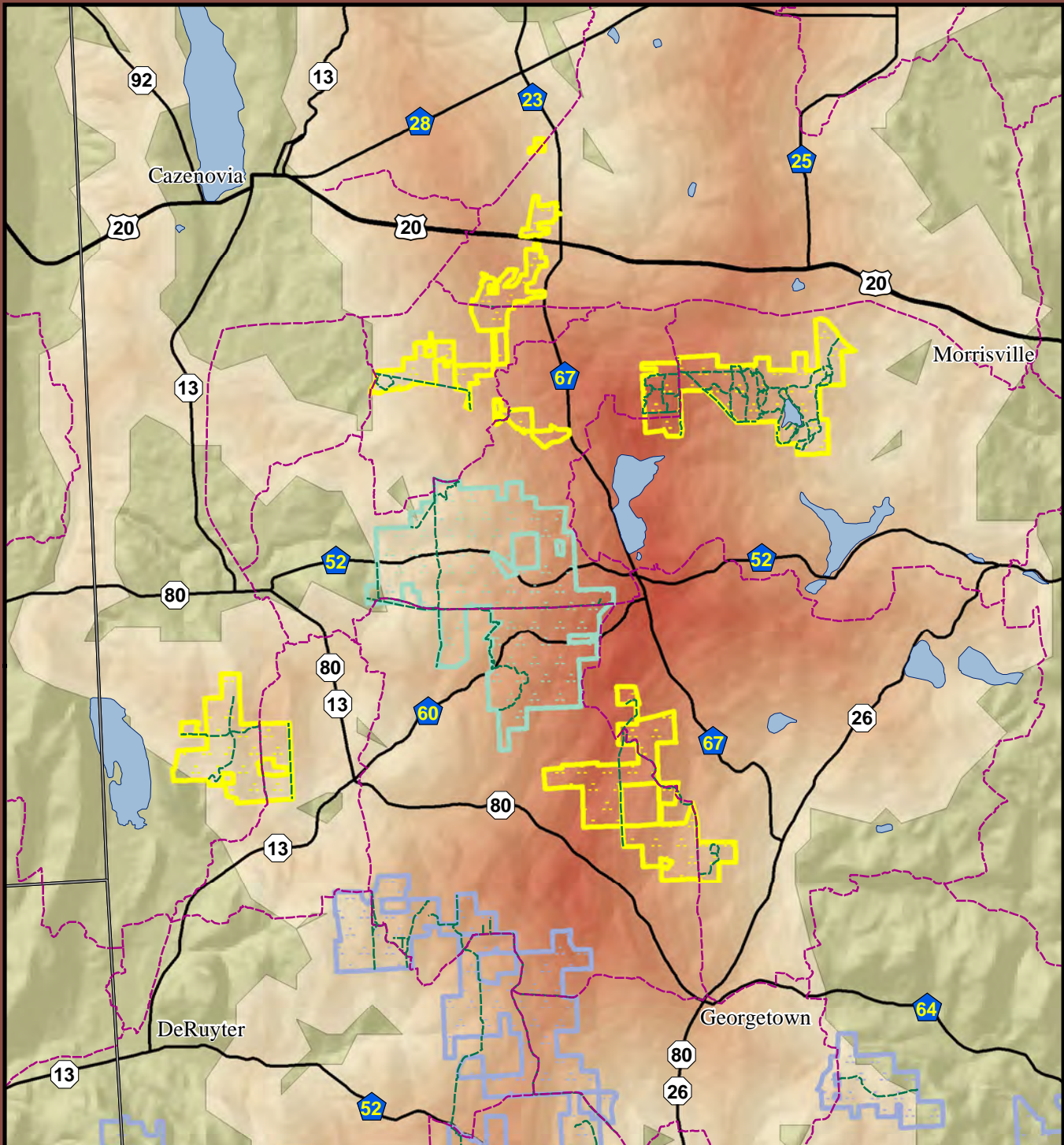
# Water Resources of Stoney Pond State Forest



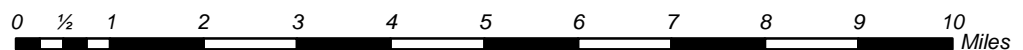
# Land Cover Classifications of the Tioughnioga Unit and Surrounding Landscape



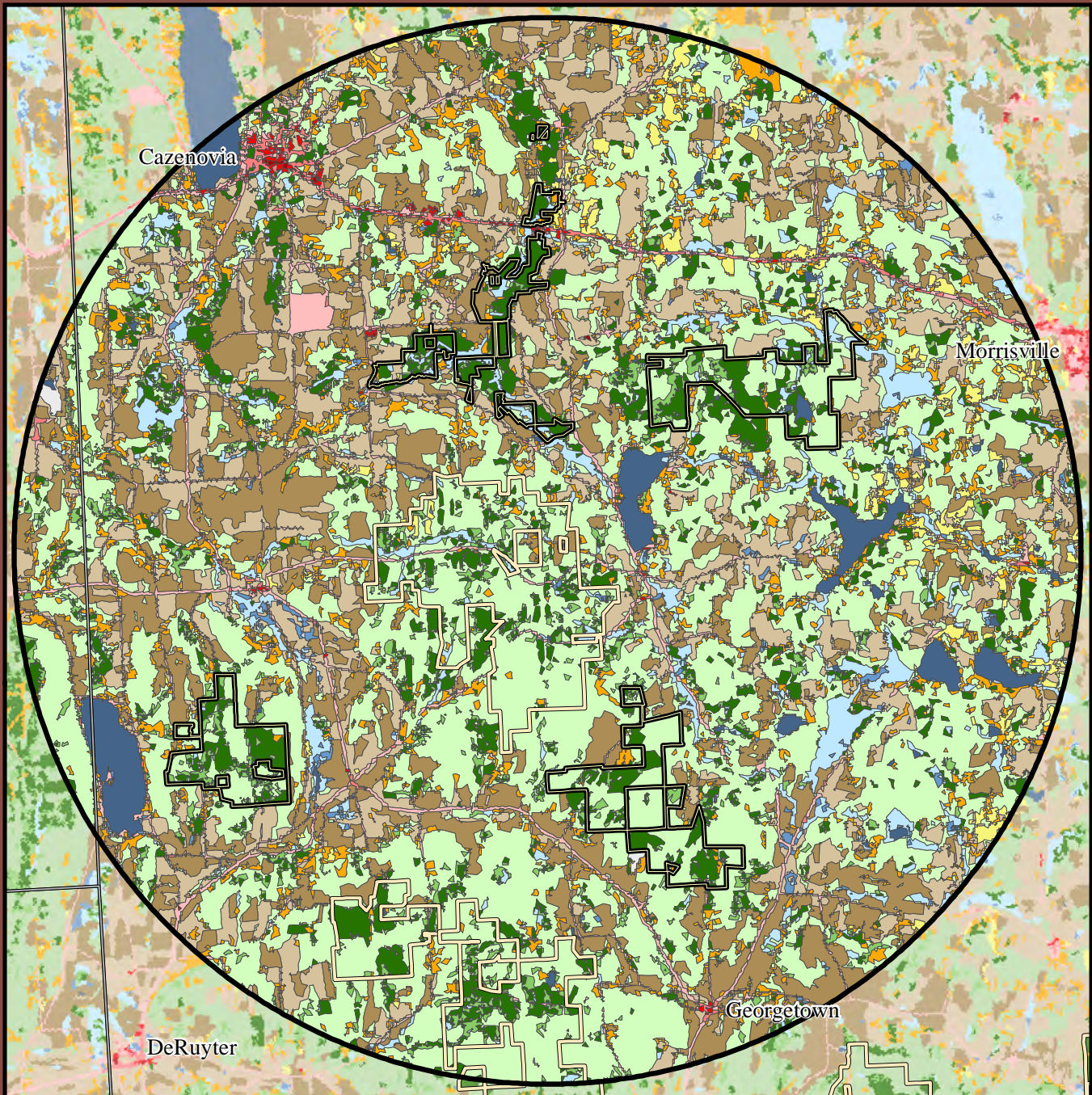
## Trail System Overview and Forest Block Linkage Zones



Scale 1:130,000



# Land Cover Classifications of the Tioughnioga Unit and Surrounding Landscape



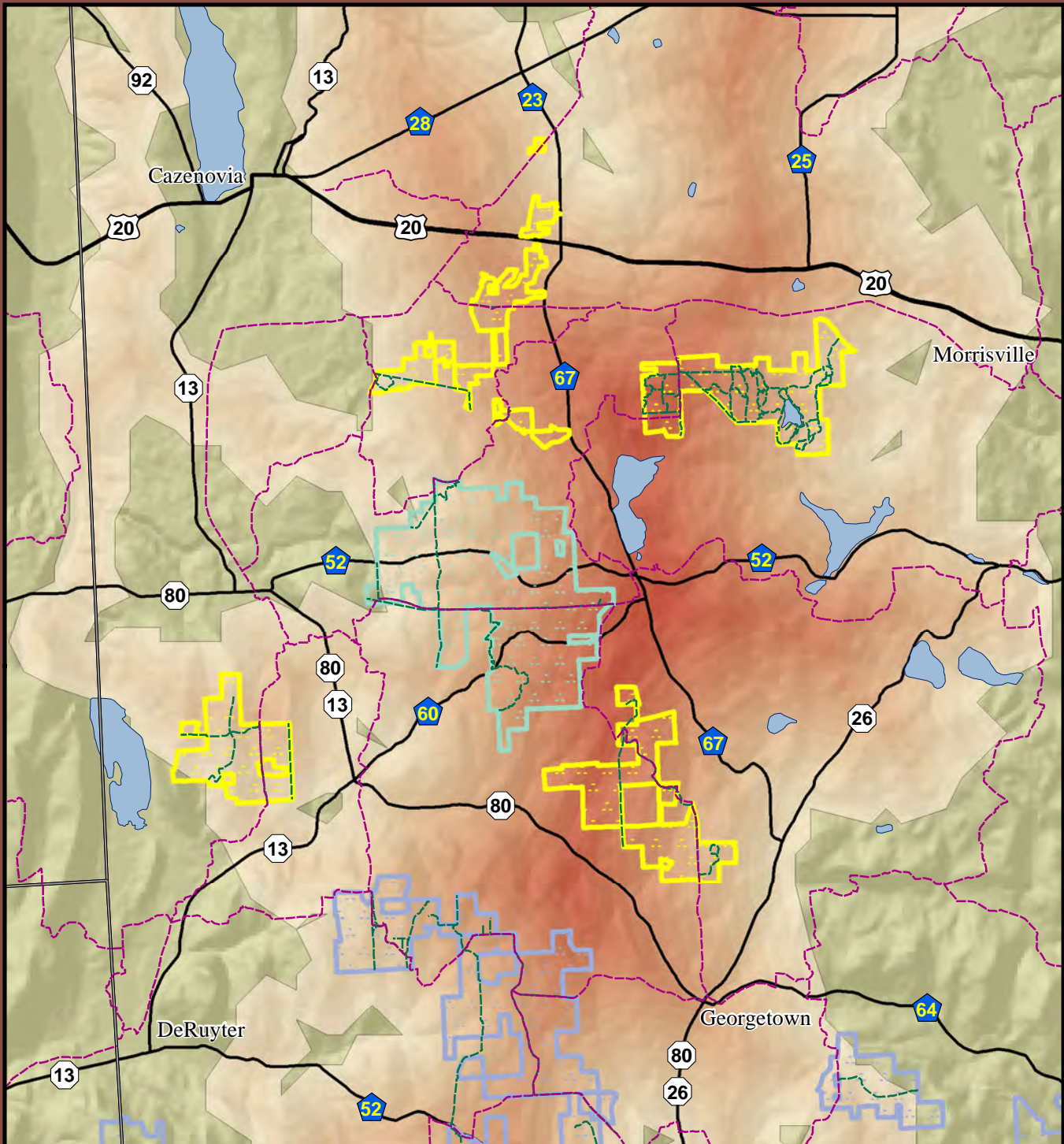
- |  |                  |                   |                     |
|--|------------------|-------------------|---------------------|
| Tioughnioga Unit                       | Deciduous Forest | Woody Wetlands    | Highly Developed    |
| Other State Lands                      | Mixed Forest     | Emergent Wetlands | Moderatly Developed |
| County Boundaries                      | Evergreen Forest | Open Water        | Lightly Developed   |
| 100,000 acre Landscape Assessment Area | Shrub            | Cultivated Crop   | Developed Open      |
|  | Grassland        | Pasture/Hay       | Barren Open         |



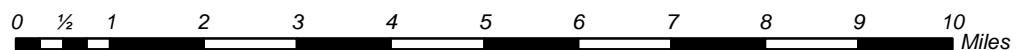
Scale 1:130,000

0 1/2 1 2 3 4 5 6 7 8 9 10 Miles

## Trail System Overview and Forest Block Linkage Zones



Scale 1:130,000



Troughnioga Unit

County Boundaries

Troughnioga WMA

Snowmobile Trails

Linkage Zone

Large Waterbody

Other State Forests

All Other Trail Types