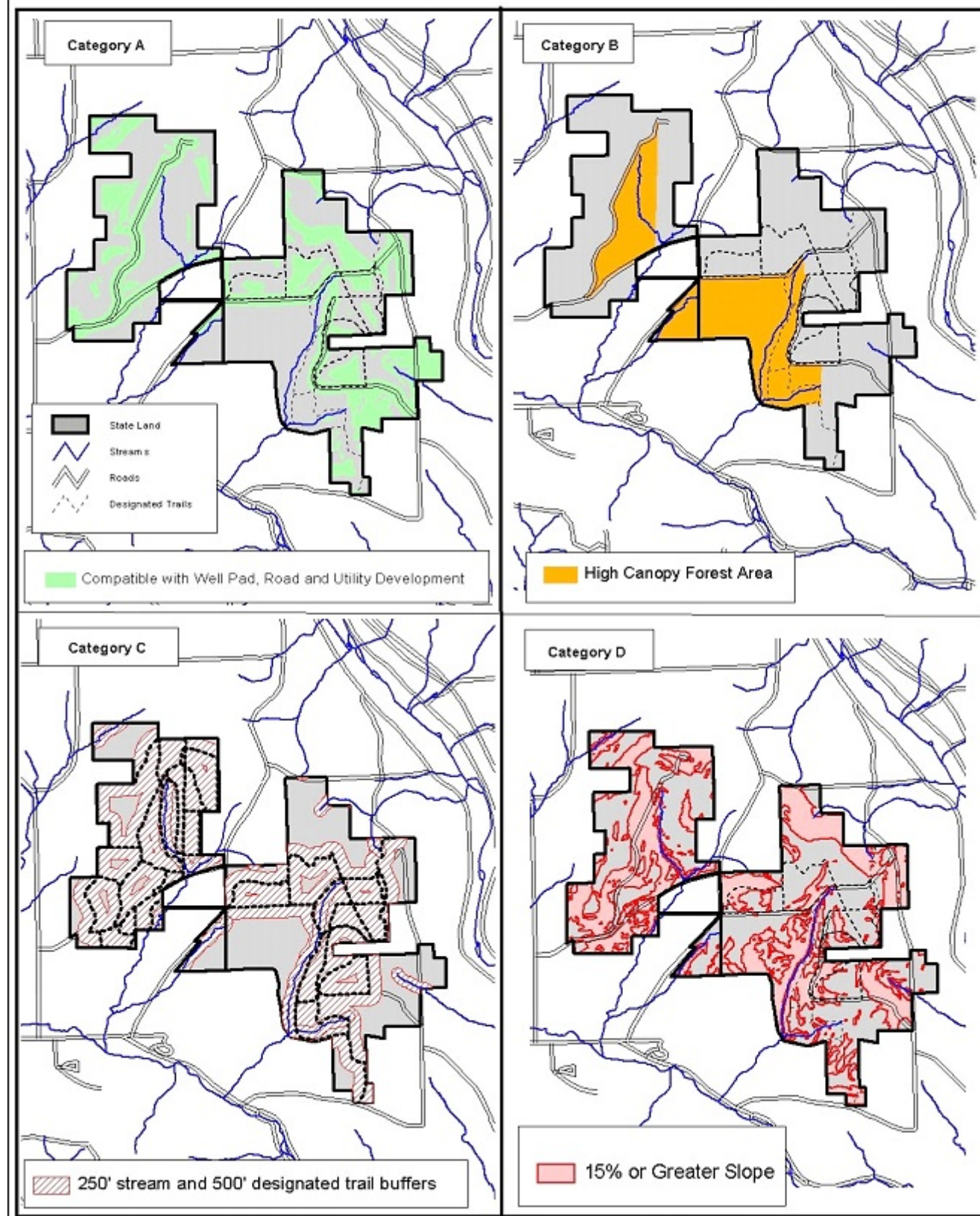
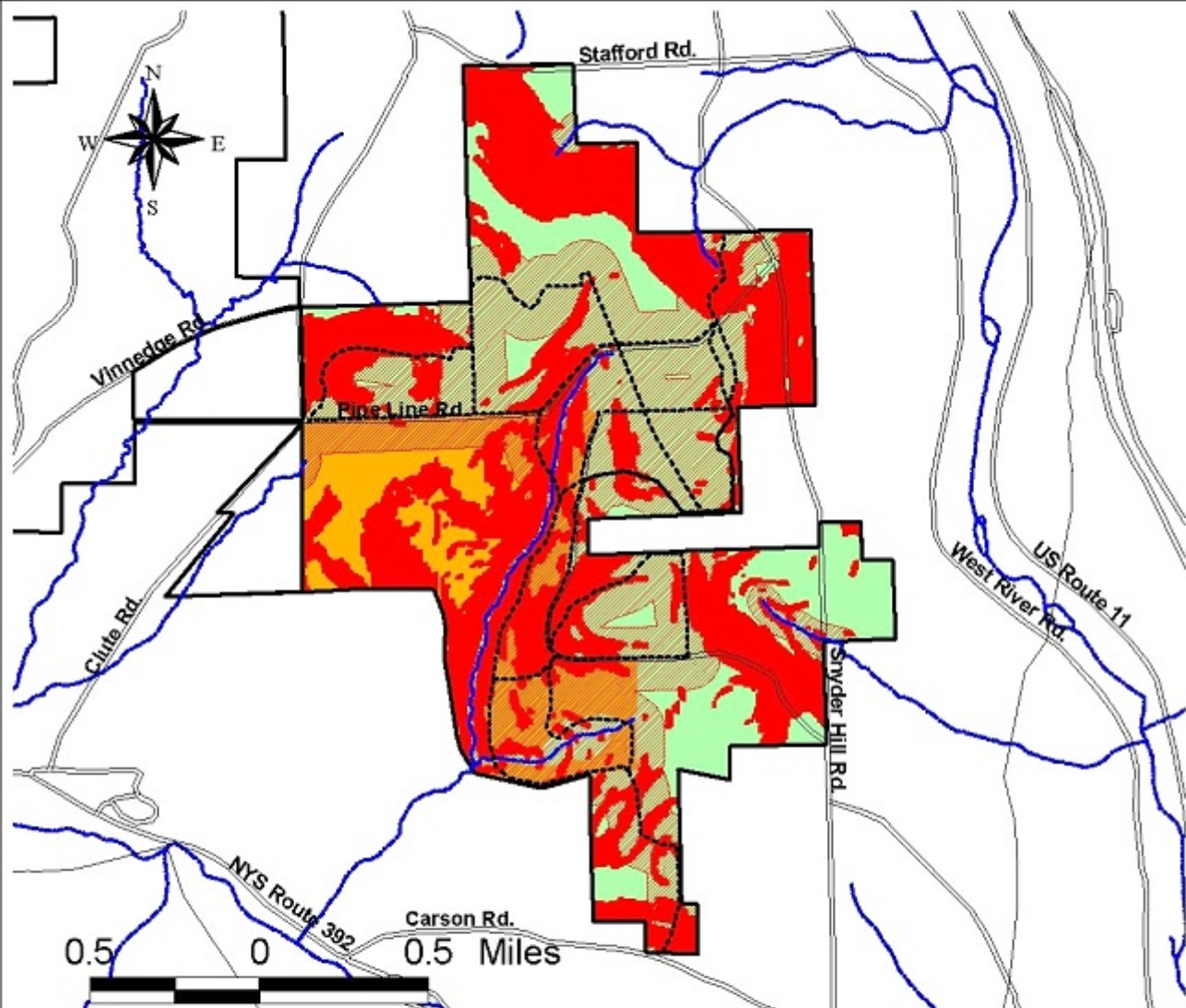


Oil and Gas Exploration Hierarchy - Cortland #9&10 (Tuller Hill State Forest)



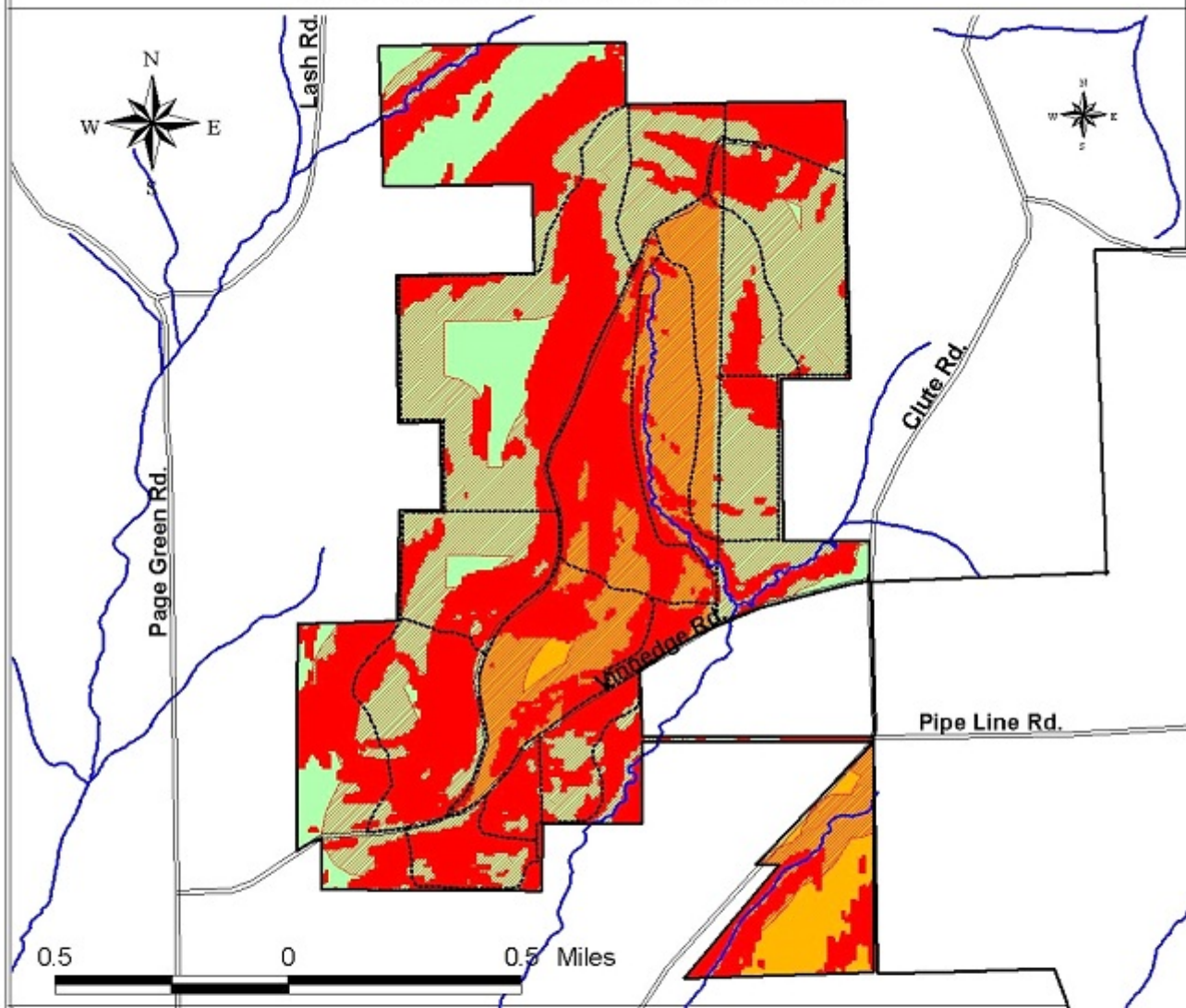
UMP Comprehensive Oil and Gas Exploration Map Cortland #9 (Tuller Hill State Forest)



Oil & Gas Exploration Hierarchy Map Legend

- Category A - Compatible with well pad, road and utility development.
- Category B - High Forest Canopy Area - One well pad per State Forest.
- Category C - 250 foot Stream & Designated Trail Buffers
Not compatible with well pad development; compatible with road and utility development.
- Category D - Protection Areas - Not compatible with well pad, road or utility development.
- State Boundary
- Roads
- Designated Recreational Trails
- Streams

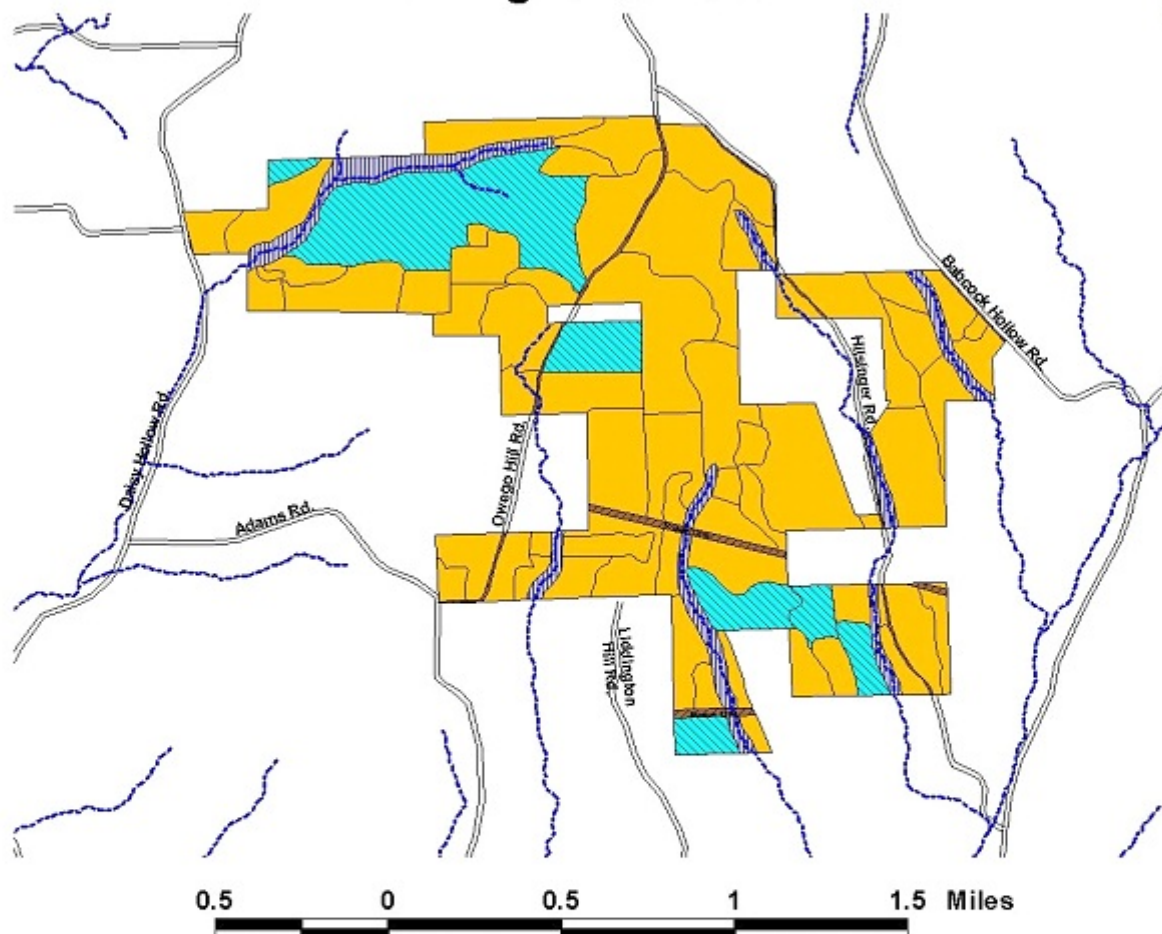
UMP Comprehensive Oil and Gas Exploration Map Cortland #10 (Tuller Hill State Forest)



Oil & Gas Exploration Hierarchy Map Legend

- Category A - Compatible with well pad, road and utility development.
- Category B - High Forest Canopy Area - One well pad per State Forest.
- Category C - 250 foot Stream & 500' Designated Trail Buffers
Not compatible with well pad development; compatible with road and utility development.
- Category D - Protection Areas - Not compatible with well pad, road or utility development.
- State Boundary
- Roads
- Designated Recreational Trails
- Streams

Existing Management Direction Cortland R. A. #3 James D. Kennedy Memorial State Forest Owego Hill Unit



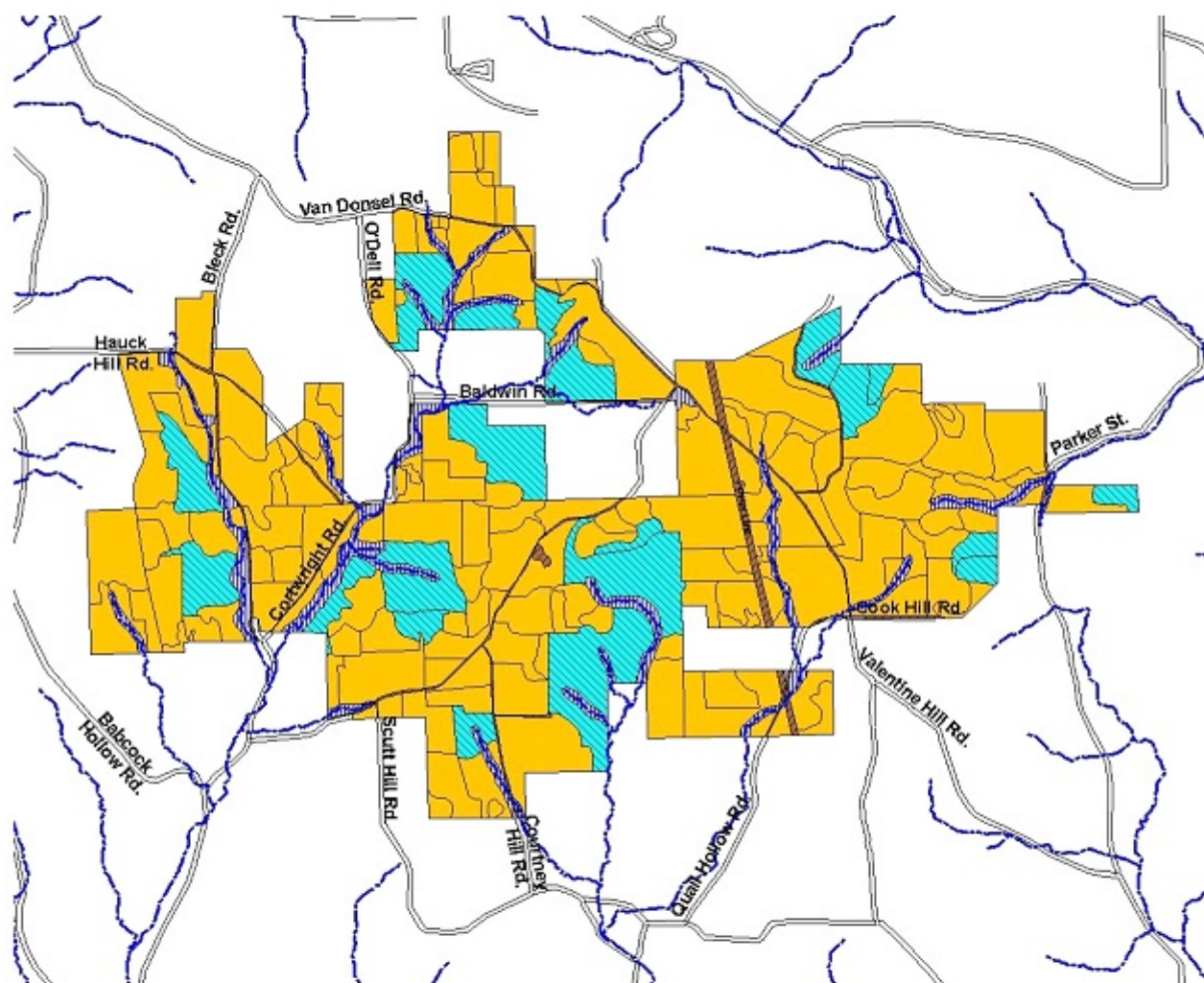
LEGEND

- Streams
- Existing Management Direction
- Even-aged
- Non-forest
- Protection Area
- Uneven-aged



MLZ 4/6/04

Existing Management Direction Cortland R. A. #3 James D. Kennedy Memorial State Forest



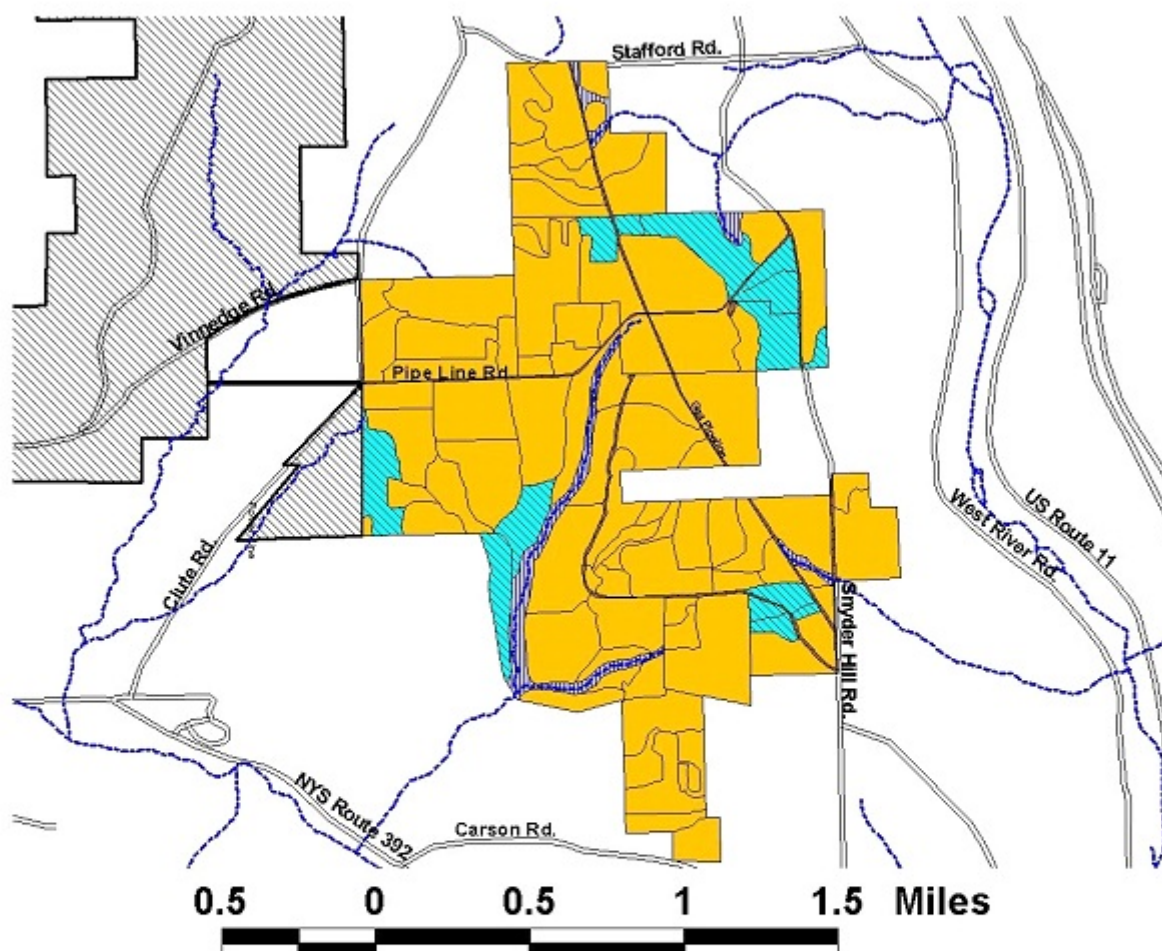
0.5 0 0.5 1 1.5 Miles

LEGEND

- Streams
- Existing Management Direction**
 - Even-aged
 - Non-forest
 - Protection Area
 - Uneven-aged

MLZ 4/5/04

Existing Management Direction Cortland R. A. #9 Tuller Hill State Forest



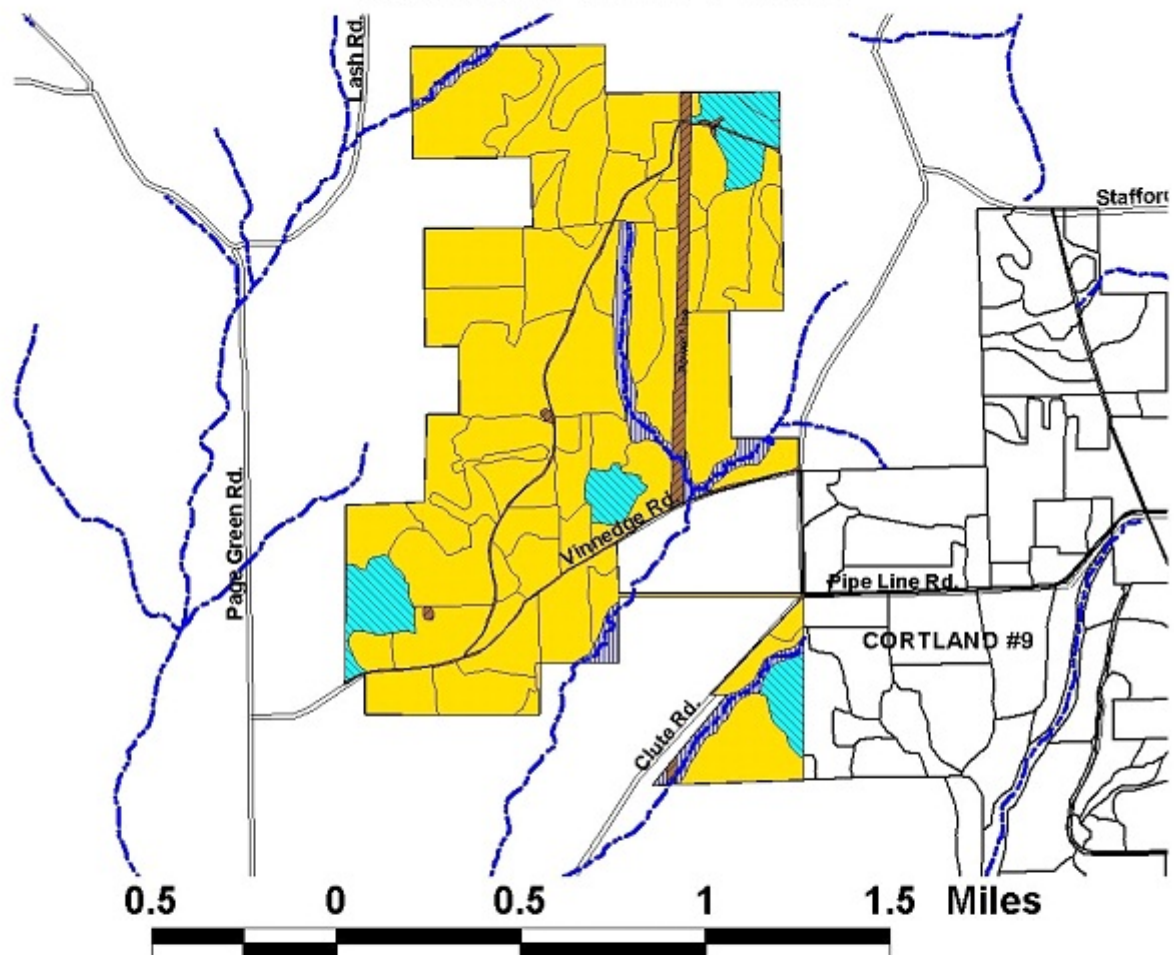
LEGEND

- Streams
- Existing Management Direction
- Non-forest
- Even-aged
- Protection Area
- Uneven-aged
- Cortland 10



MLZ 4/13/04

Existing Management Direction Cortland R. A. #10 Tuller Hill State Forest



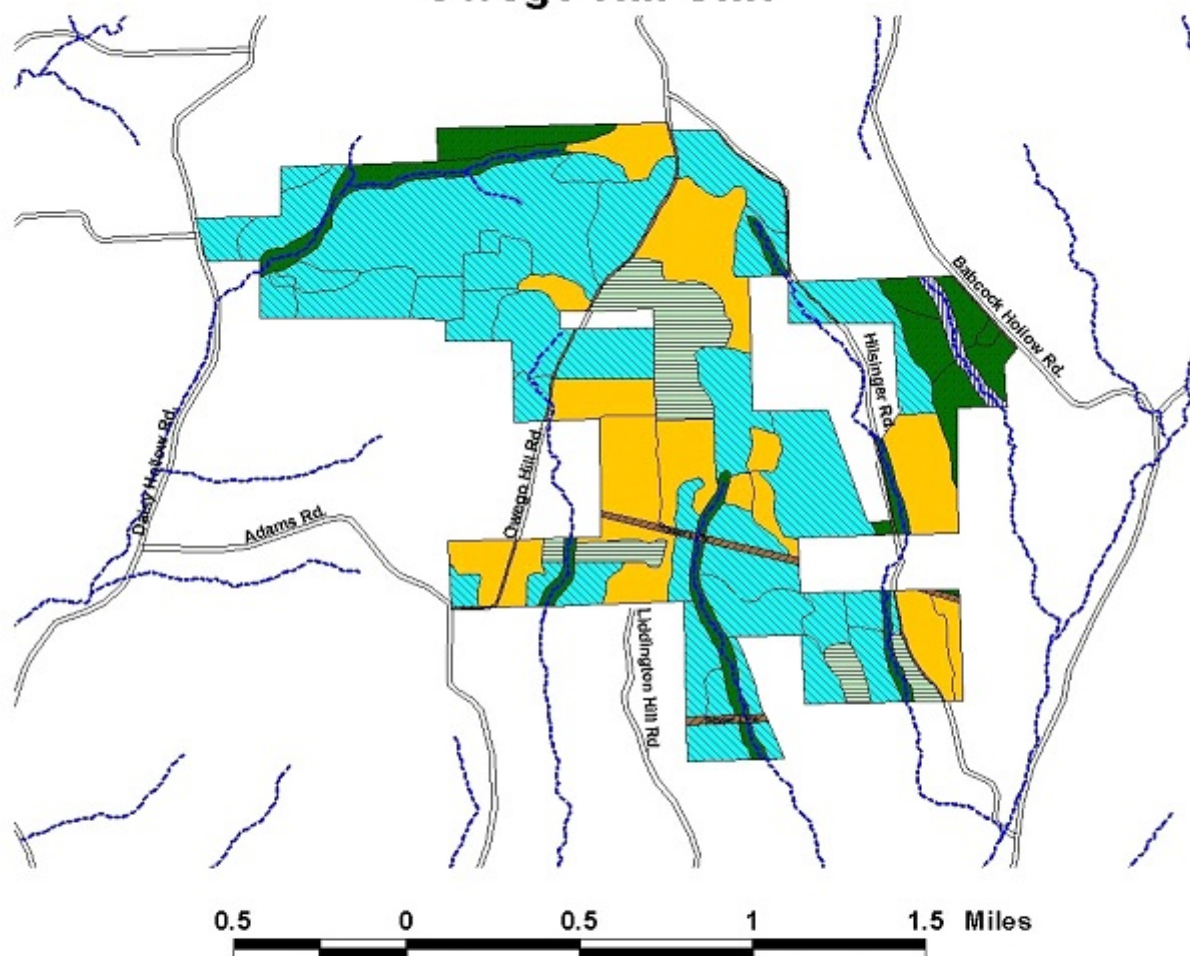
LEGEND

-  Streams
-  Existing Management Direction
-  Non-forest
-  Evenaged
-  Protection Area
-  Uneven-aged



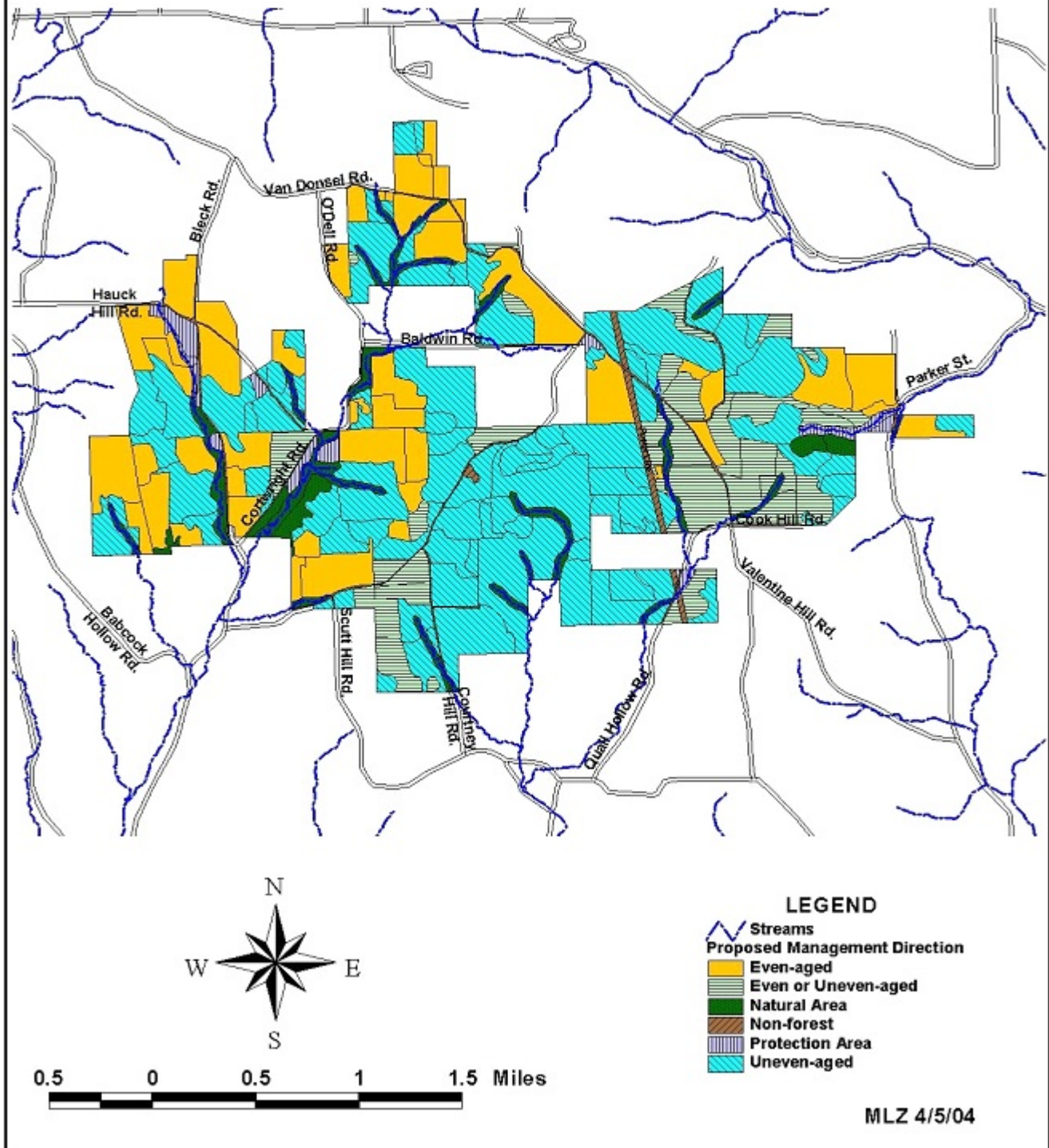
MLZ 4/14/04

Proposed Management Direction Cortland R. A. #3 James D. Kennedy Memorial State Forest Owego Hill Unit

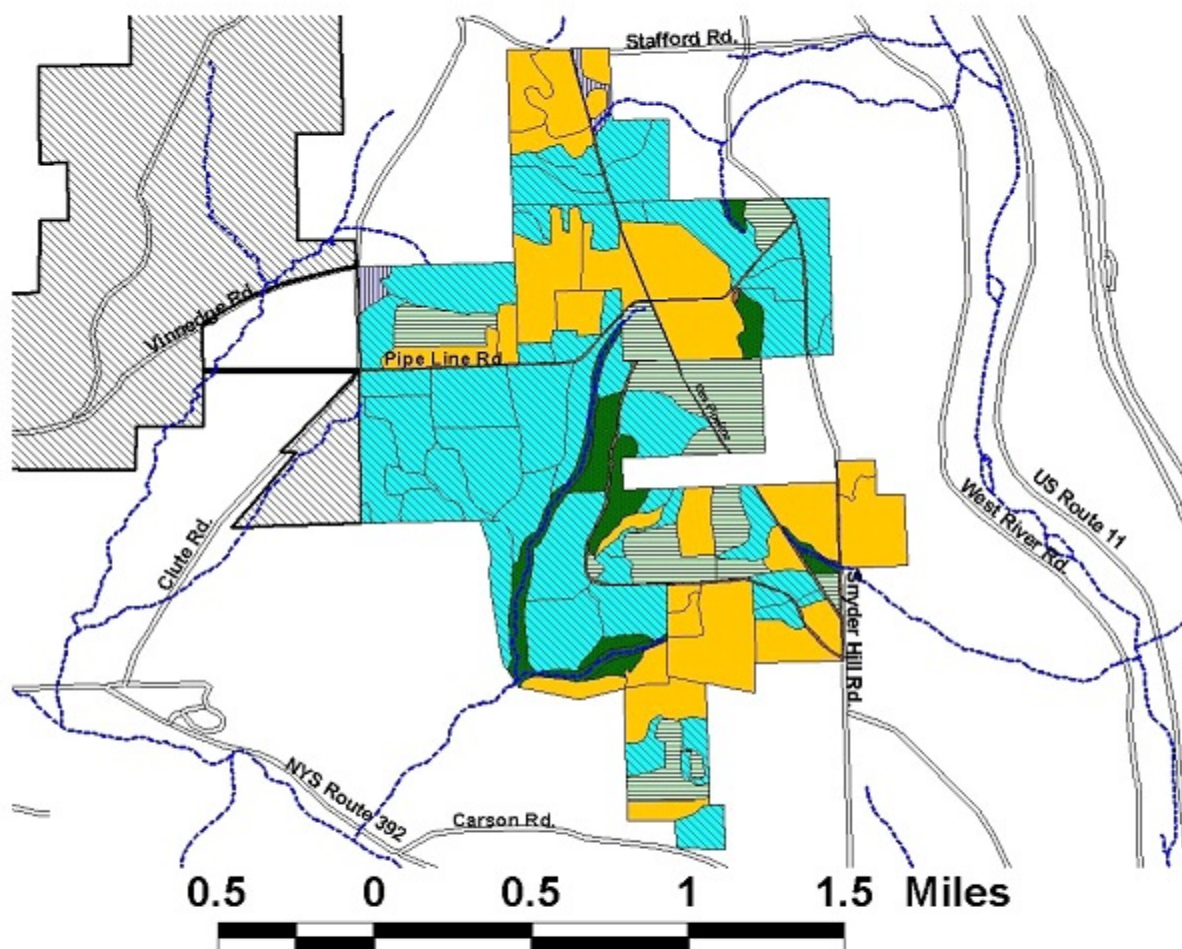


MLZ 4/6/04

Proposed Management Direction Cortland R.A. #3 James D. Kennedy Memorial State Forest



Proposed Management Direction Cortland R. A. #9 Tuller Hill State Forest



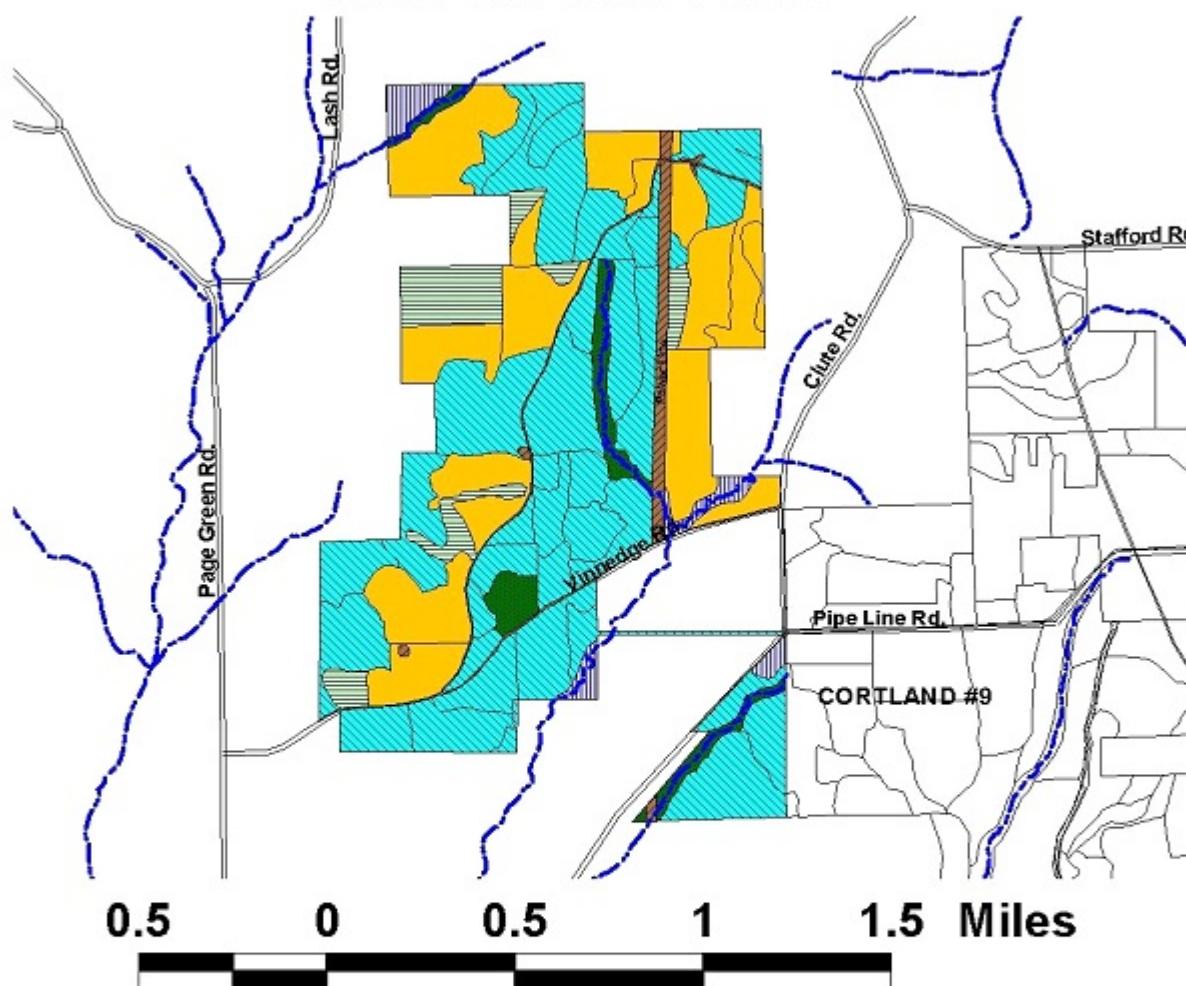
LEGEND

- Streams
- Proposed Management Direction**
 - Even-aged
 - Even or Uneven-aged
 - Natural Area
 - Non-forest
 - Protection Area
 - Uneven-aged
 - Cortland 10



MLZ 4/13/04

Proposed Management Direction Cortland R. A. #10 Tuller Hill State Forest



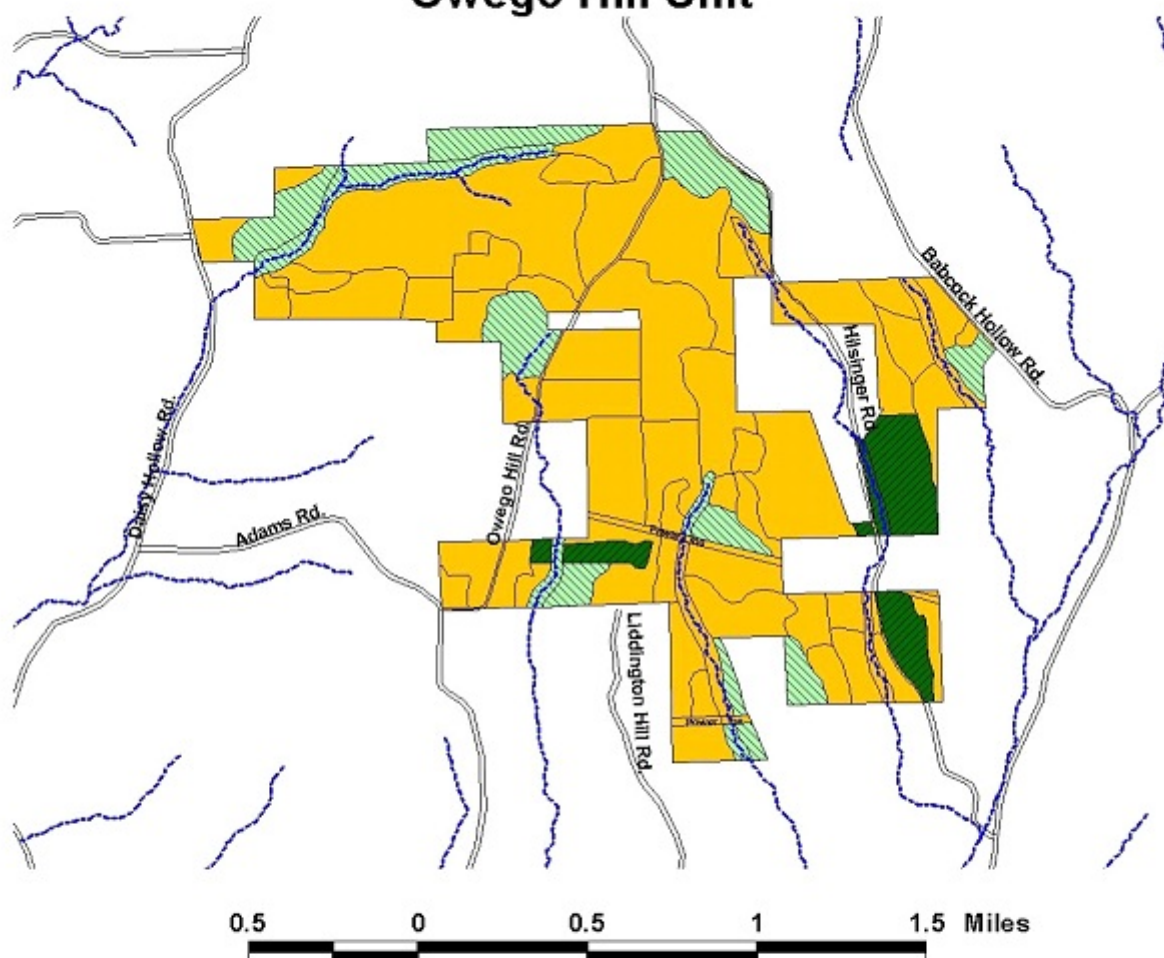
LEGEND

-  Streams
- Proposed Management Direction**
-  Even-aged
-  Even or Uneven-aged
-  Natural Area
-  Protection Area
-  Uneven-aged
-  Non-forest



MLZ 4/15/04

**Long Term Conifer Objective
Cortland R. A. #3
James D. Kennedy Memorial State Forest
Owego Hill Unit**



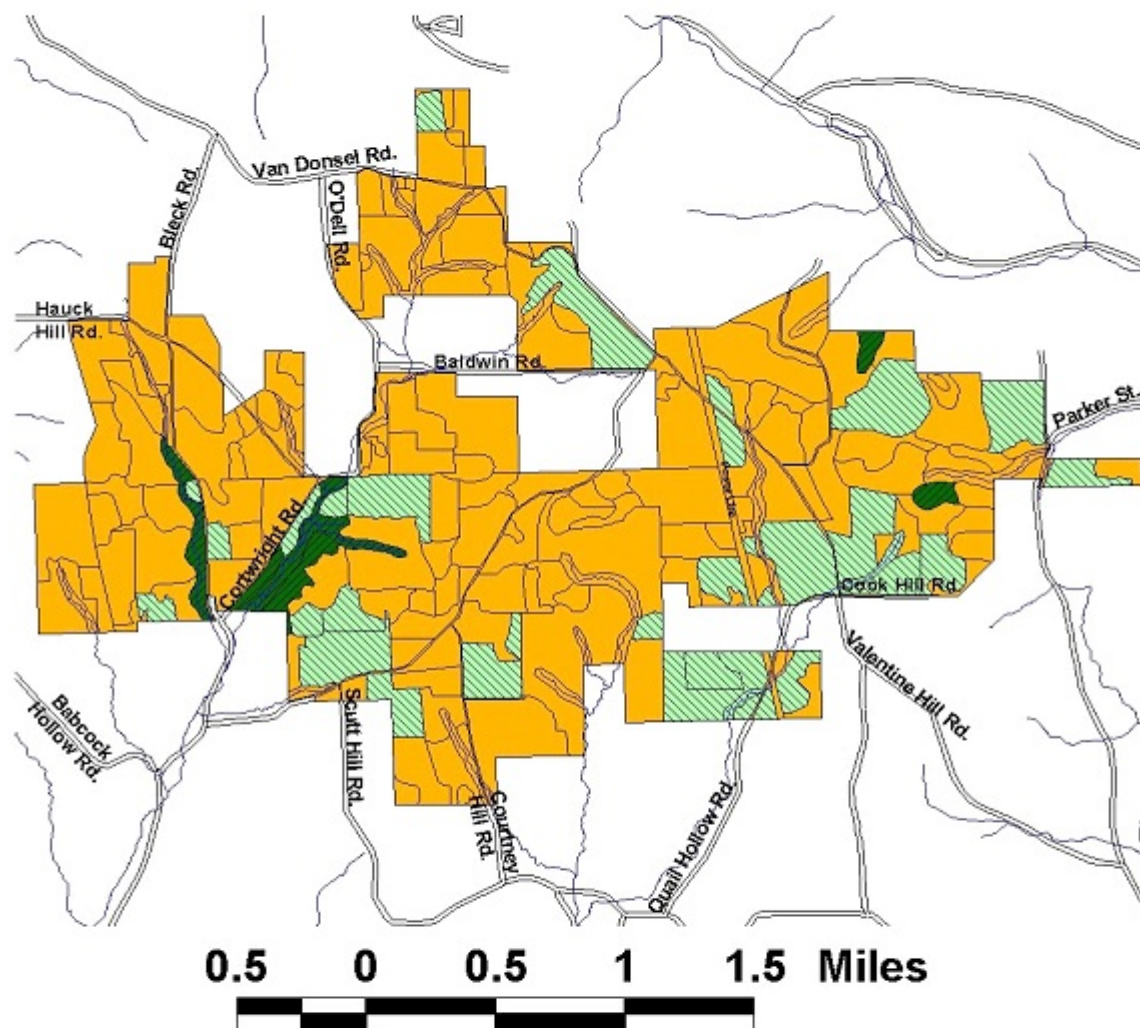
LEGEND

-  Streams
-  Spruce
-  Hemlock
-  Cortland 3



MLZ 4/9/04

Long Term Conifer Objective Cortland R. A. #3 James D. Kennedy Memorial State Forest



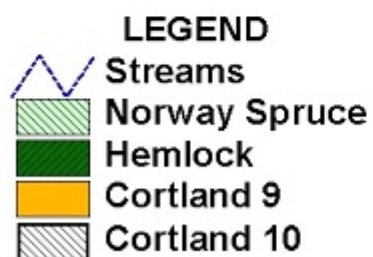
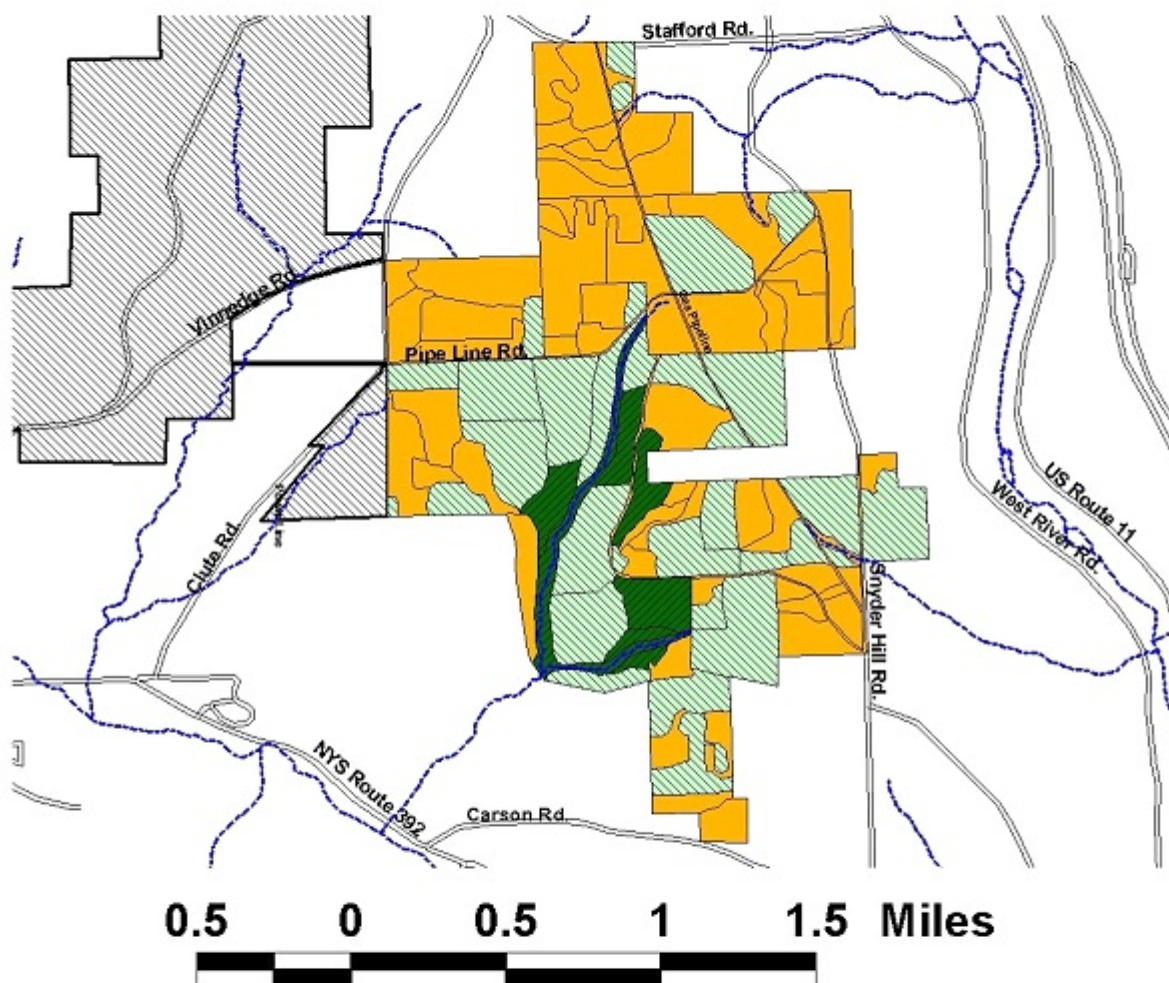
LEGEND

-  Streams
-  Hemlock
-  Norway Spruce
-  Cortland 3
-  Roads



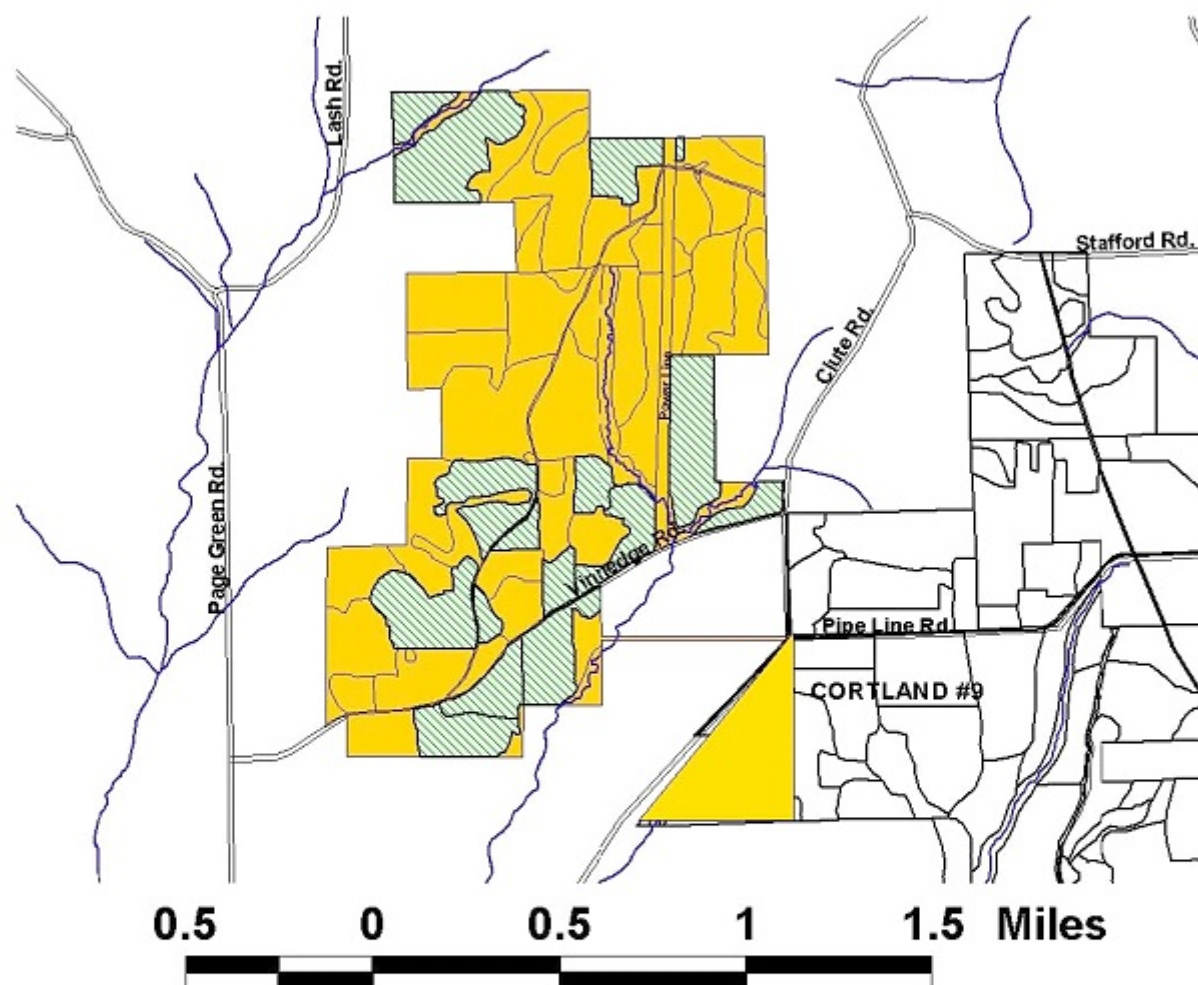
MLZ 4/6/04

Long Term Conifer Objective Cortland R. A. #9 Tuller Hill State Forest

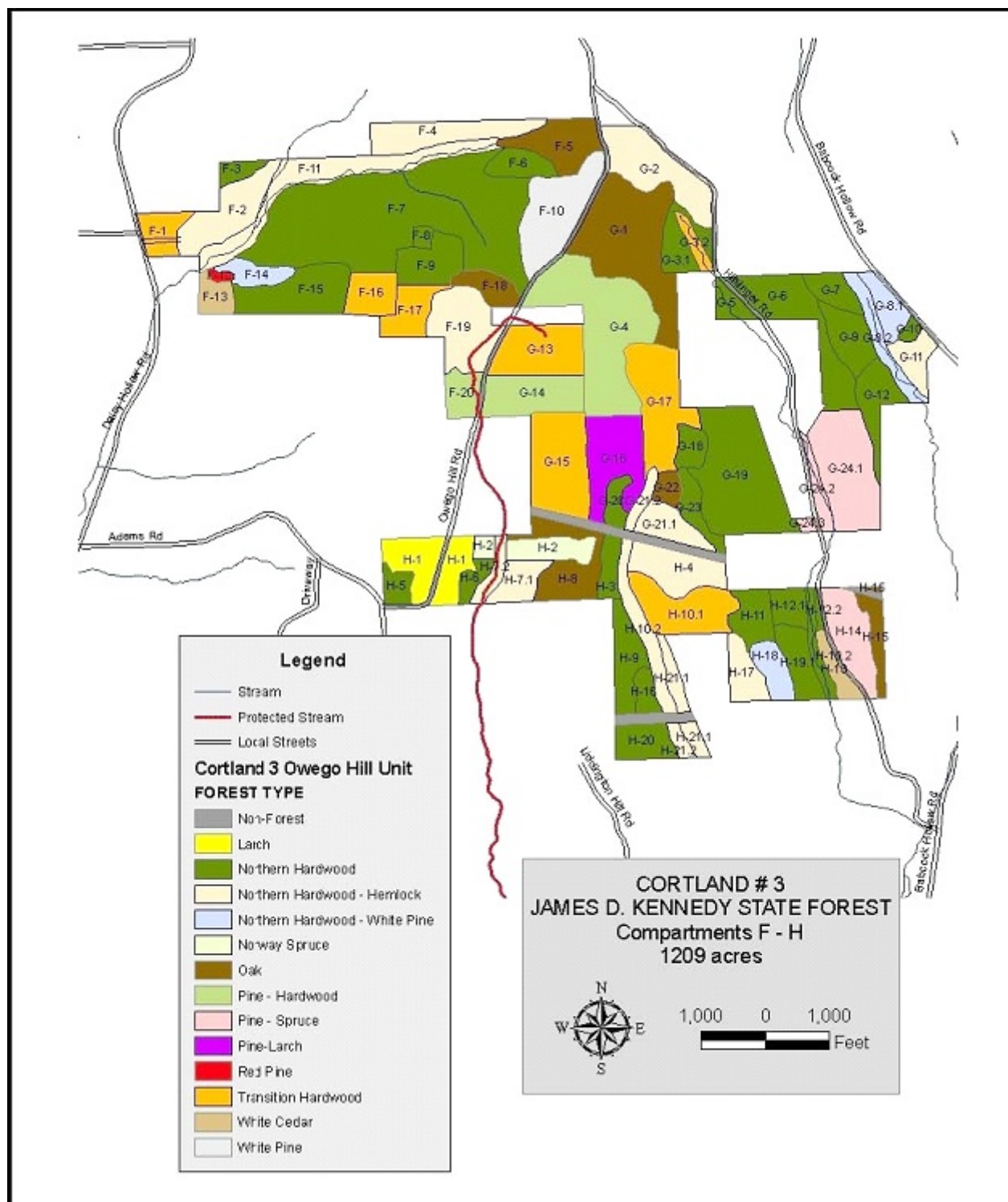


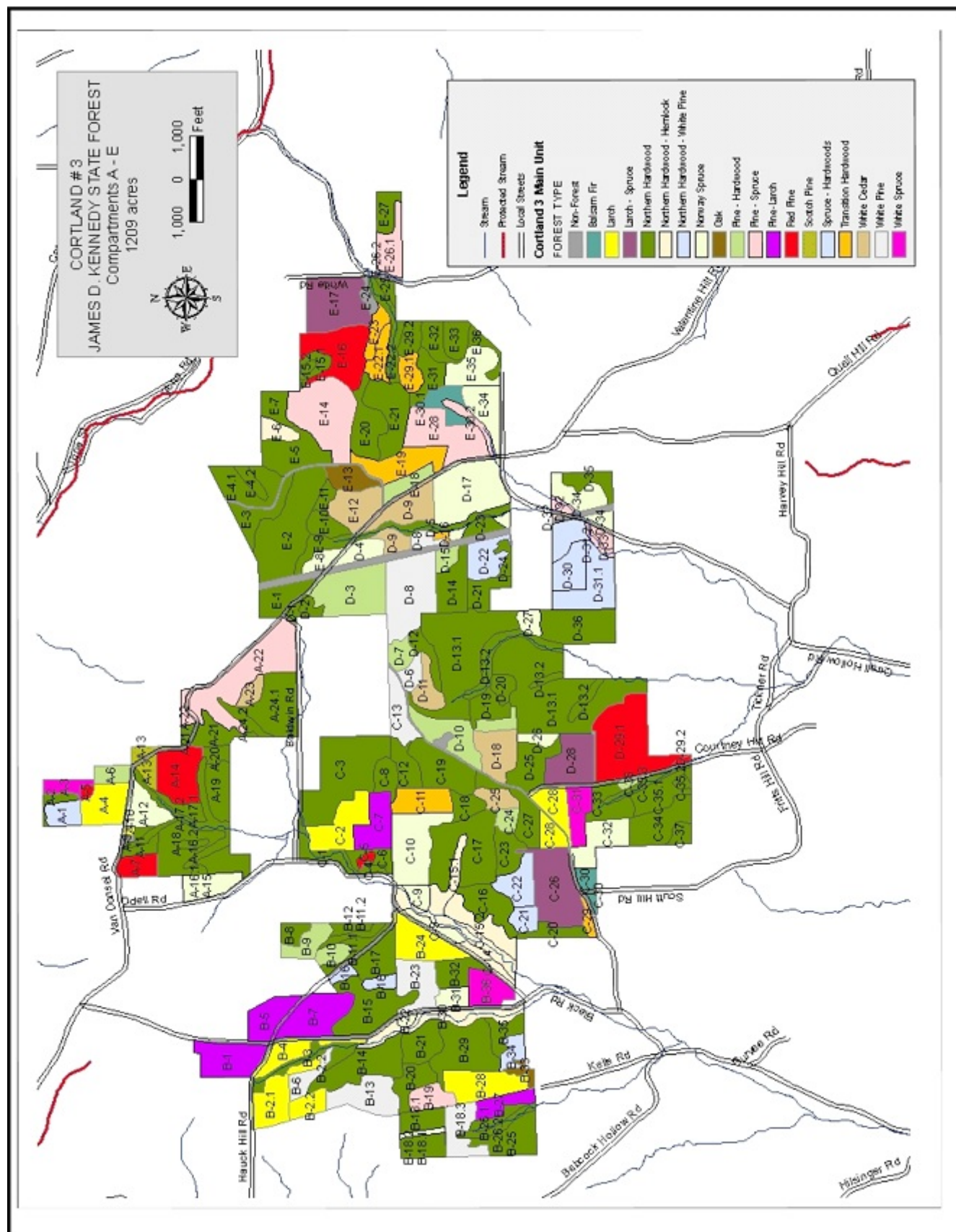
MLZ 4/13/04

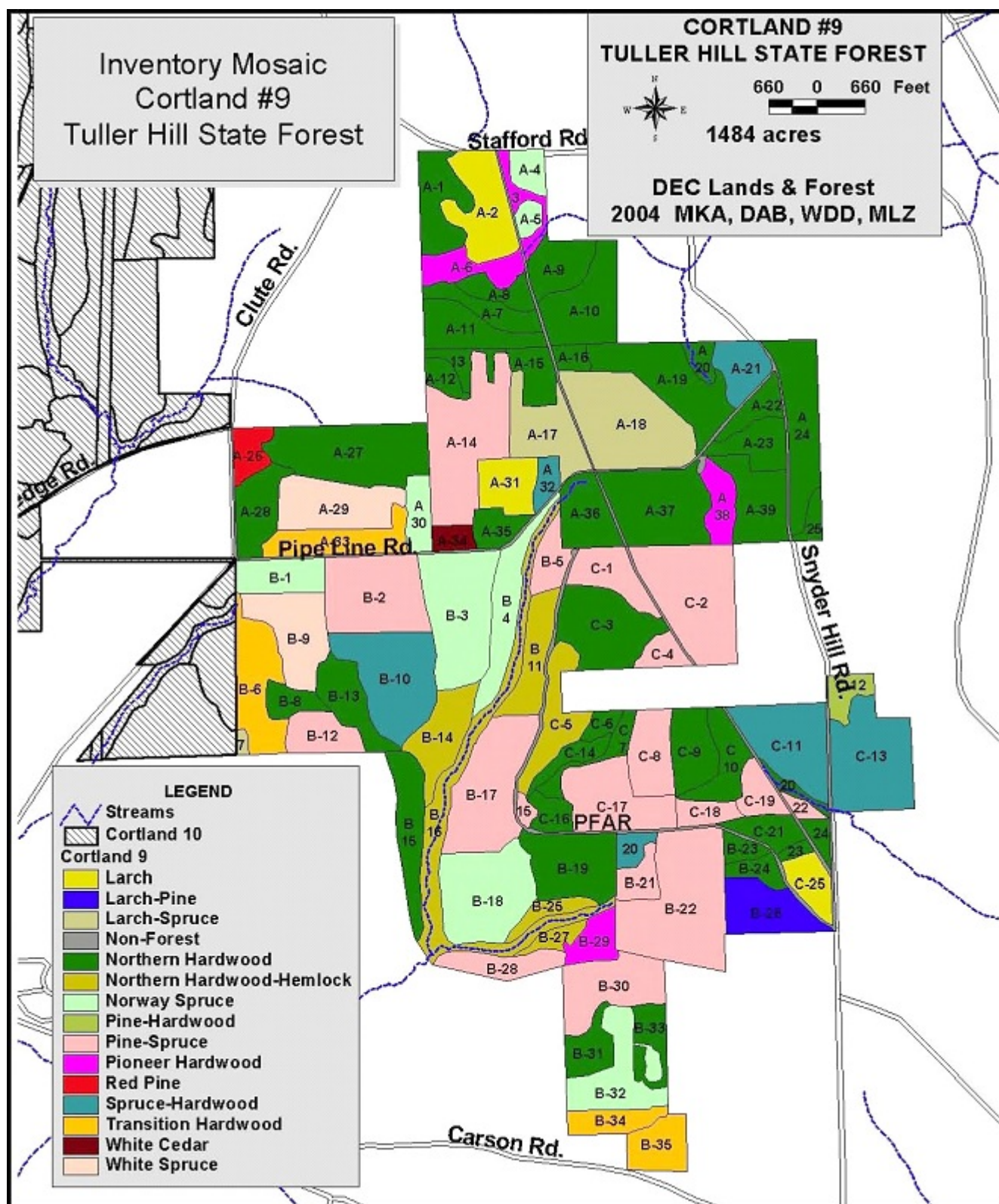
Long Term Conifer Objective Cortland R. A. #10 Tuller Hill State Forest

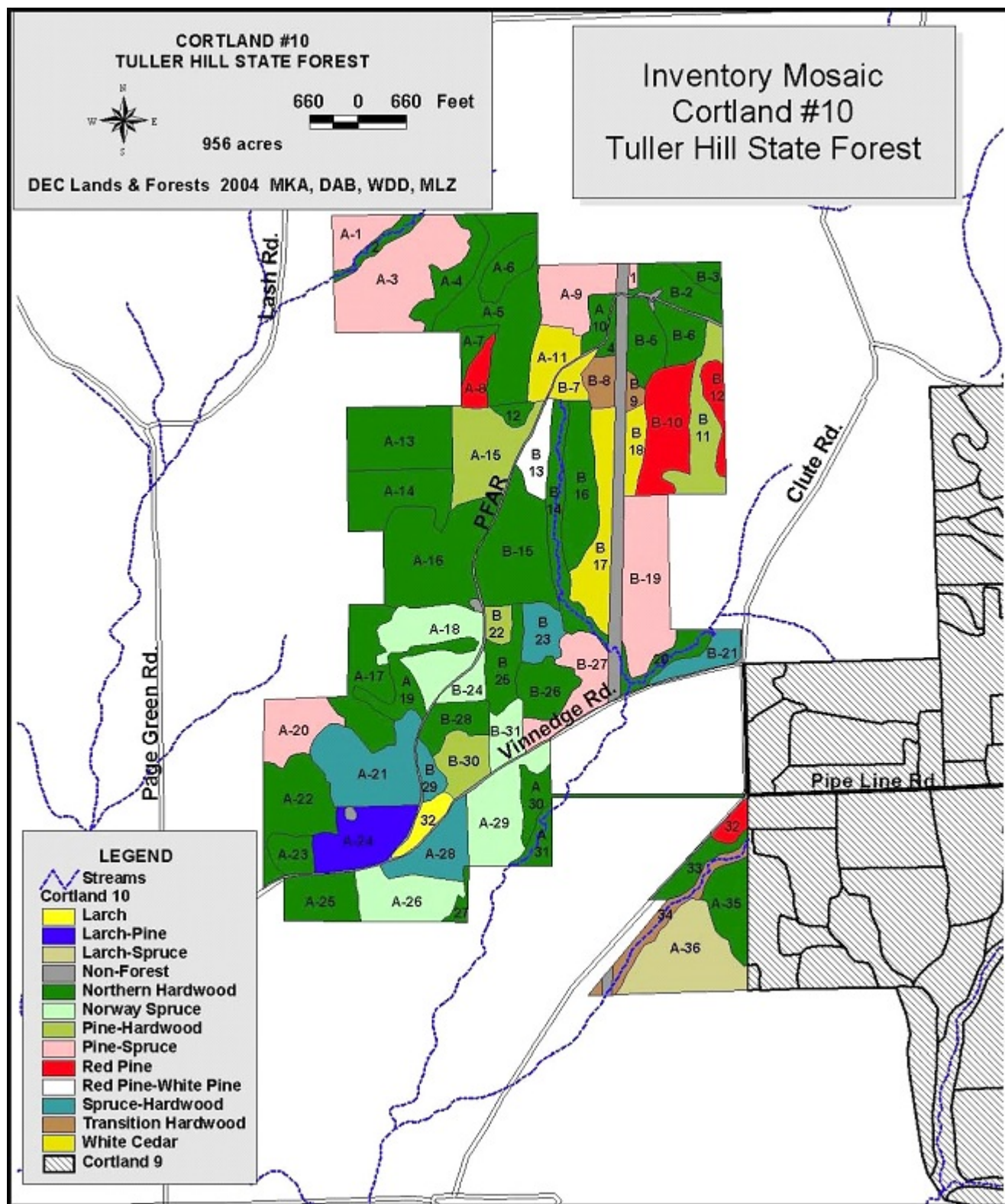


MLZ 4/20/04

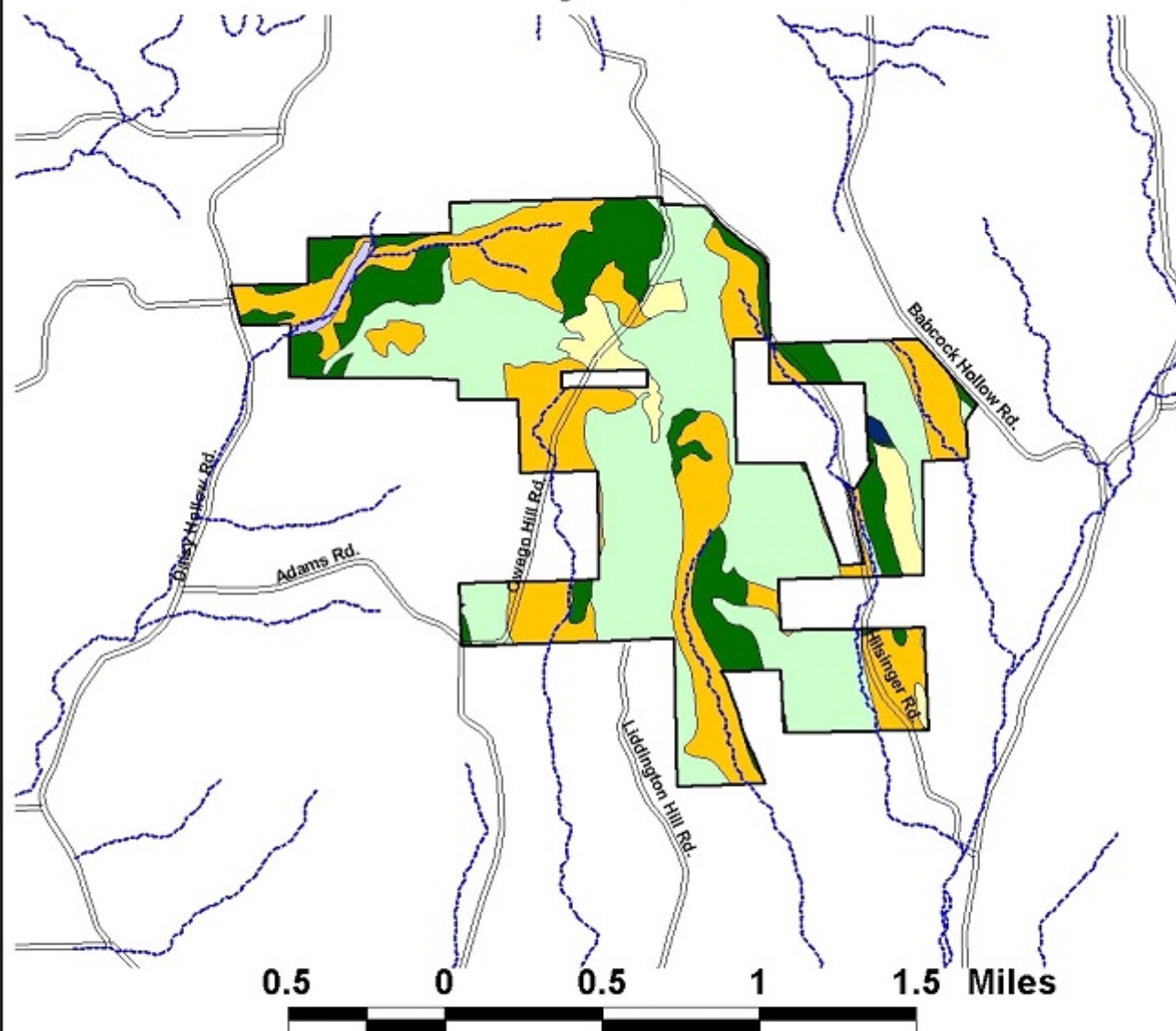








Soils Map Cortland #3 Owego Hill Unit James D. Kennedy Memorial State Forest

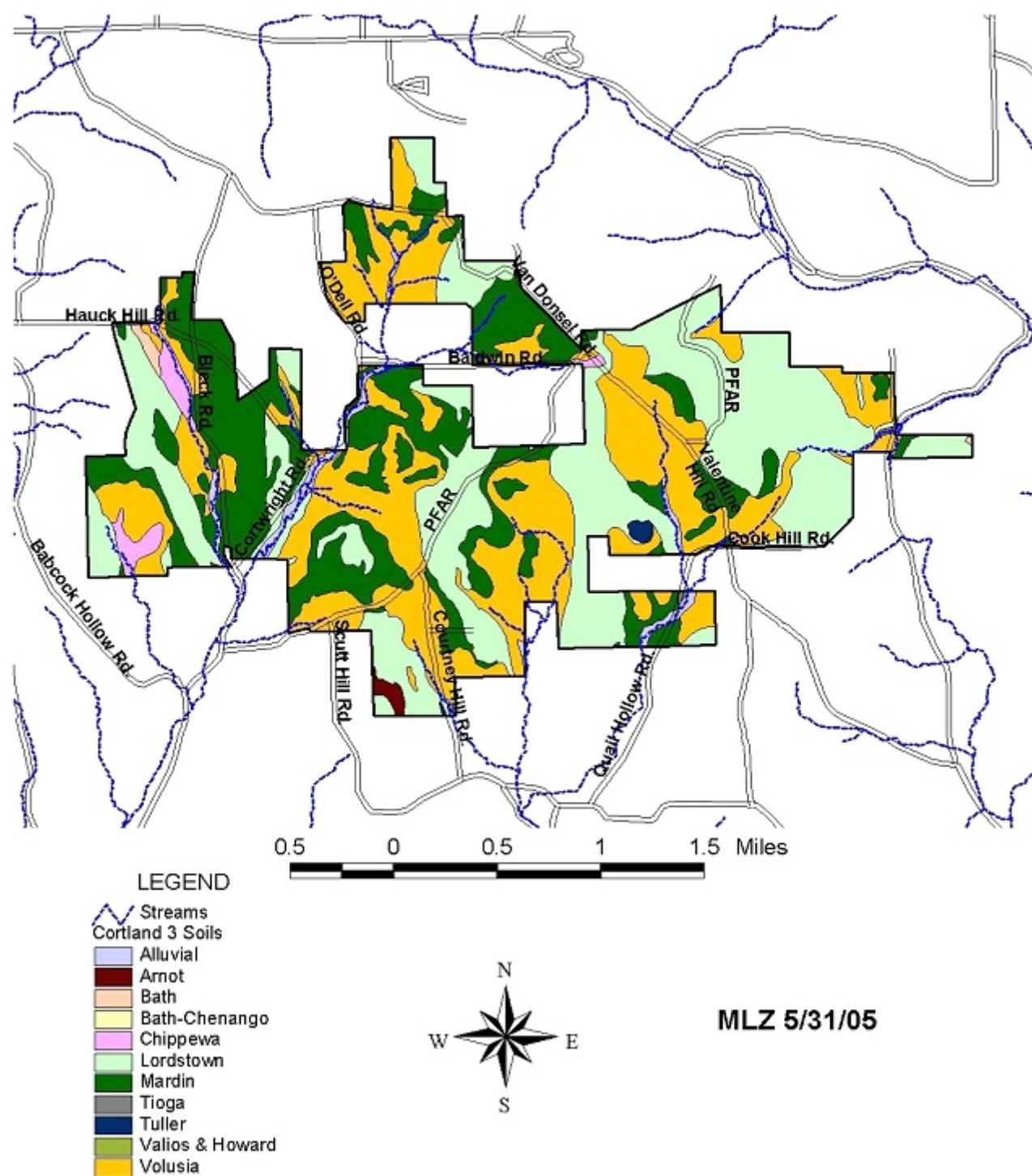


- LEGEND**
- Streams
 - Cortland 3 Soils**
 - Alluvial
 - Bath
 - Lordstown
 - Mardin
 - Tuller
 - Volusia

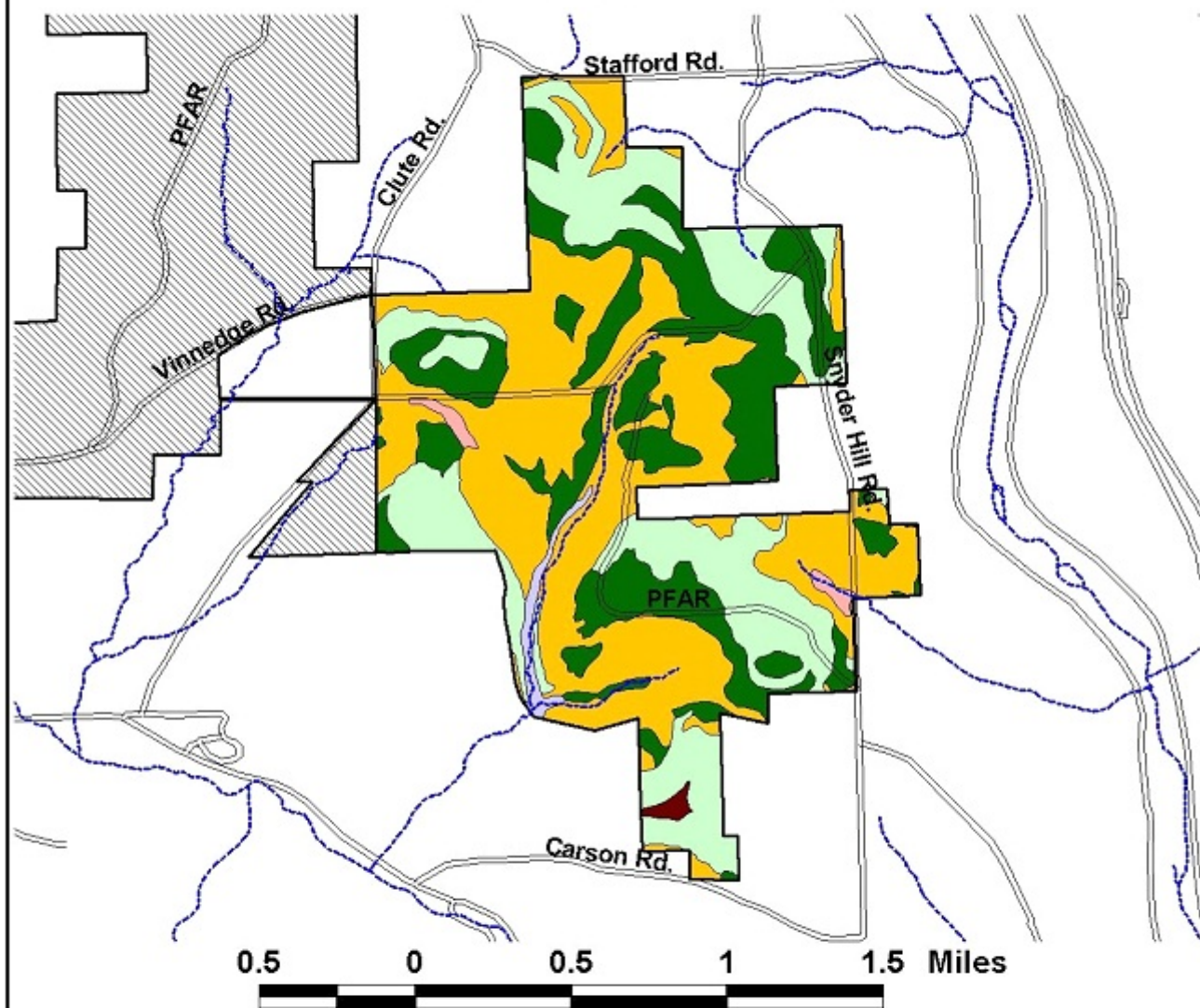


MLZ 5/31/05

Soils Map Cortland #3 Main Unit James D. Kennedy Memorial State Forest



Soils Map Cortland #9 Tuller Hill State Forest

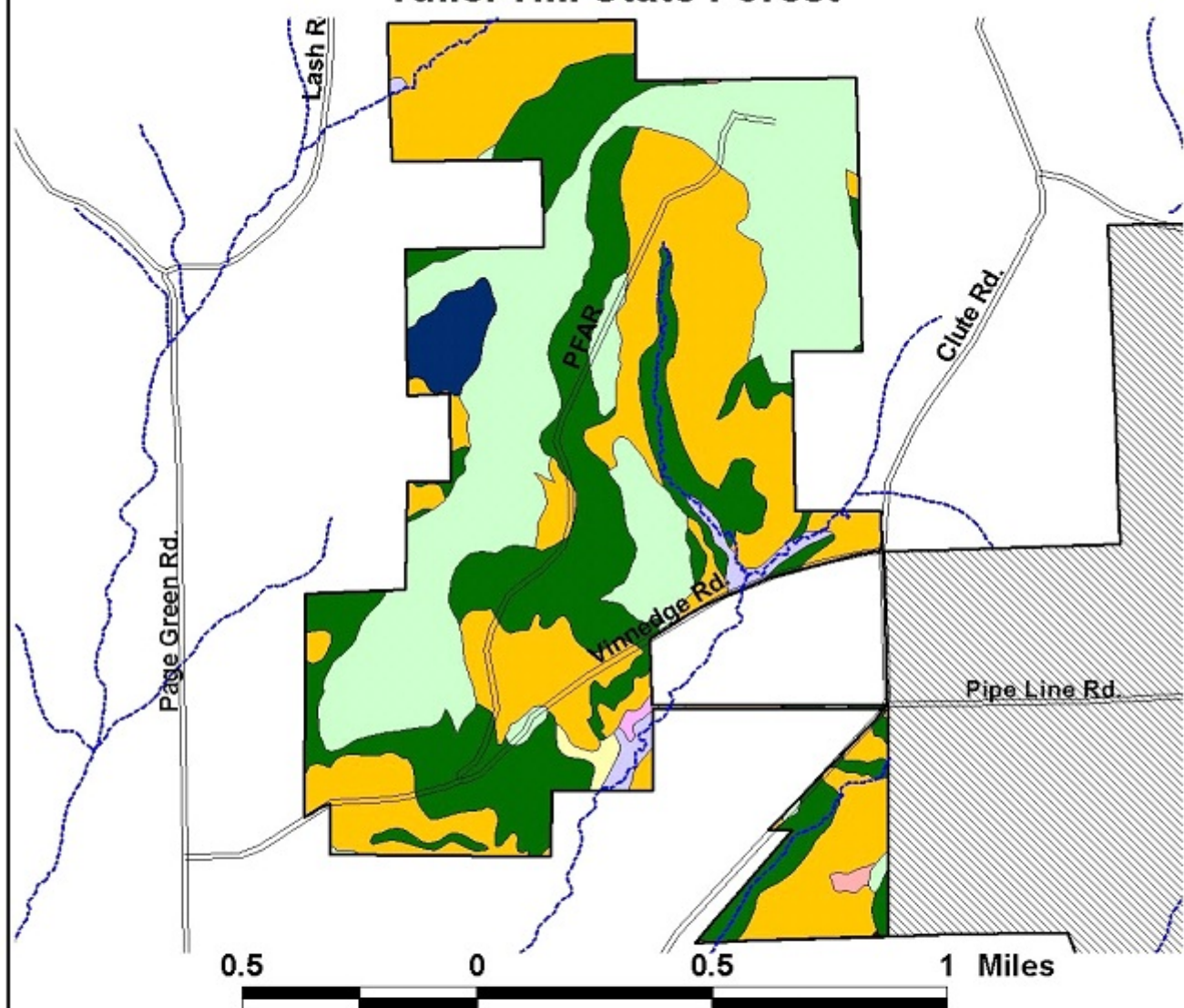


- LEGEND**
- Streams
 - Cortland 10
 - Cortland 9 Soils**
 - Alluvial
 - Arnot
 - Bath
 - Chippewa
 - Lordstown
 - Mardin
 - Volusia



MLZ 5/31/05

Soils Map Cortland #10 Tuller Hill State Forest



LEGEND

- Streams
- Cortland 10 Soils**
- Alluvial
- Arnot
- Bath & Chenango
- Bath & Mardin
- Chippewa
- Lordstown
- Mardin
- Tuller
- Volusia
- Cortland 9



MLZ 5/31/05