



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71089

Entry Year 2025

Acreage: 3,358

County Ogemaw

Management Area: Gladwin Lake Plain

Stand Examiner: Brian Martell

Legal Description:

T24N R03E Sec. 34 and 36; T24N R04E Sec. 31-33; T23N R03E Sec. 21, 26-28, 33-36; T23N R04E Sec. 11, 14-16, 22; T22N R03E Sec. 4-5, 13-14; T22N R04E Sec. 6.

Identified Planning Goals:

Vegetation management in the Gladwin Lake Plain management area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique character including the Rifle River, a designated natural river, threatened, endangered, and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on balancing the age-class distributions for aspen and red pine. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends in this 10-year planning period will be the continued need to address illegal off-road vehicle use, trash dumping and increased recreational pressure.

Soil and topography:

Upland soils are a variety of sands and loamy sands, and the lowland soils are mucky sands and peats. Topography is mostly flat with some steeper hills leading down to some kettle lakes.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

The compartment is extremely fragmented with private ownership surrounding, except for parcel that borders Rifle River State Game Area.

Unique Natural Features:

The Rifle River and tributaries of Klacking Creek and Prior Creek are designated as a "Natural River" and have sections that fall within the compartment boundaries.

There are occurrences of Bald eagle, Blanding's turtle, loon, and red-shouldered hawk within the compartment.

Archeological, Historical, and Cultural Features:

There is a possible archeological site within T22N R03E Sec. 4.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

The Rifle River and some tributaries flow through the compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for metallic minerals in this part of the state. The nearest active sand/gravel operation is more than one mile southeast. Potential for sand & gravel in this area is not as prevalent as in areas dominated by glacial outwash and ice-contact deposits, but there may still be potential for aggregate resources on uplands within the compartment. Extensive test drilling and some past hydrocarbon production has occurred in the area of the southern portion of the compartment. Additional development in this area is considered low at this time. Potential for oil & gas in the central portion of the compartment (T23N-R4E) is considered low at this time. There may be some potential for future oil & gas activity in the northeast end of the compartment. Significant acreage of State-owned mineral rights were leased in the last year just north of the compartment, in T24N-R4E. However, there has been no recent well permit activity in this area. Without access to proprietary seismic data, it is difficult to evaluate true development potential of the leased acreage and adjacent lands.

Vehicle Access:

Vehicle access in the compartment varies. Some areas have good access with decent roads, but there are low/wet areas

where vehicles cannot access as well as landlocked parcels with no access whatsoever.

Survey Needs:

A survey is needed for proposed treatments in stands 86 and 78.

Recreational Facilities and Opportunities:

Fishing, boating, hunting, hiking, and dispersed camping.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

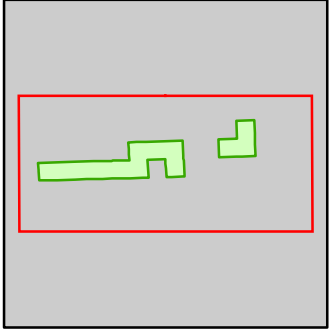
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

The following information is displayed, where pertinent, on the attached compartment maps:

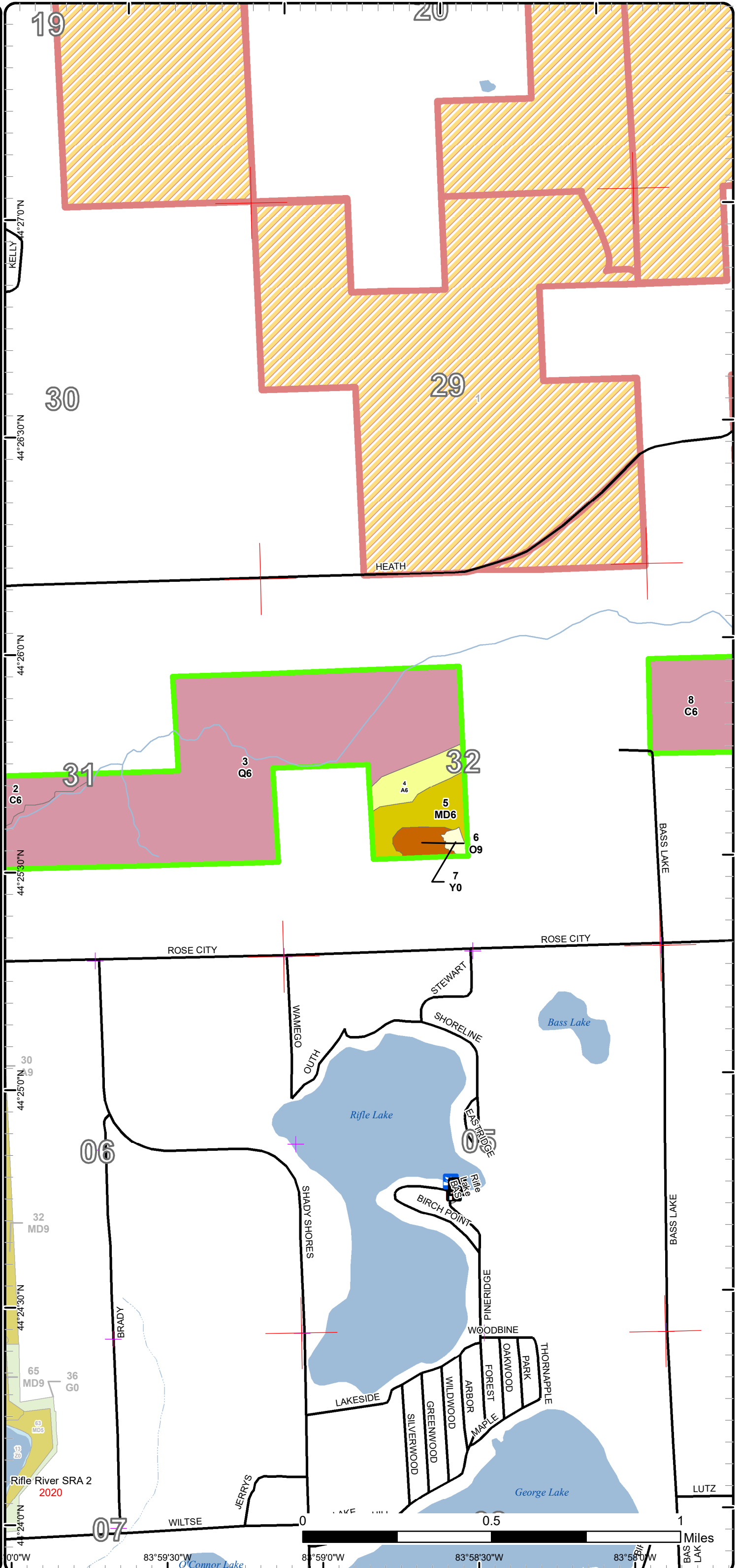
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

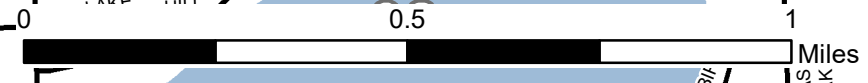
Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post



- Miris Corners
- + Remonumented Section Corners
- Counties
- Federal / State / County - Paved Road
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 612 - Lowland Coniferous Forest
- 710 - Sand/Soil



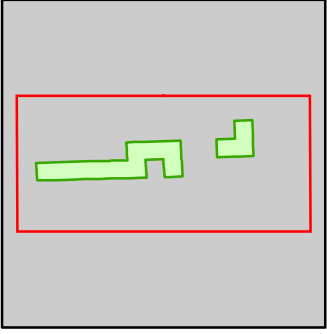
Rifle River SRA 2
 2020



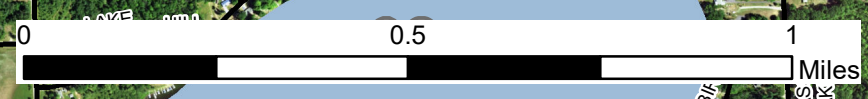
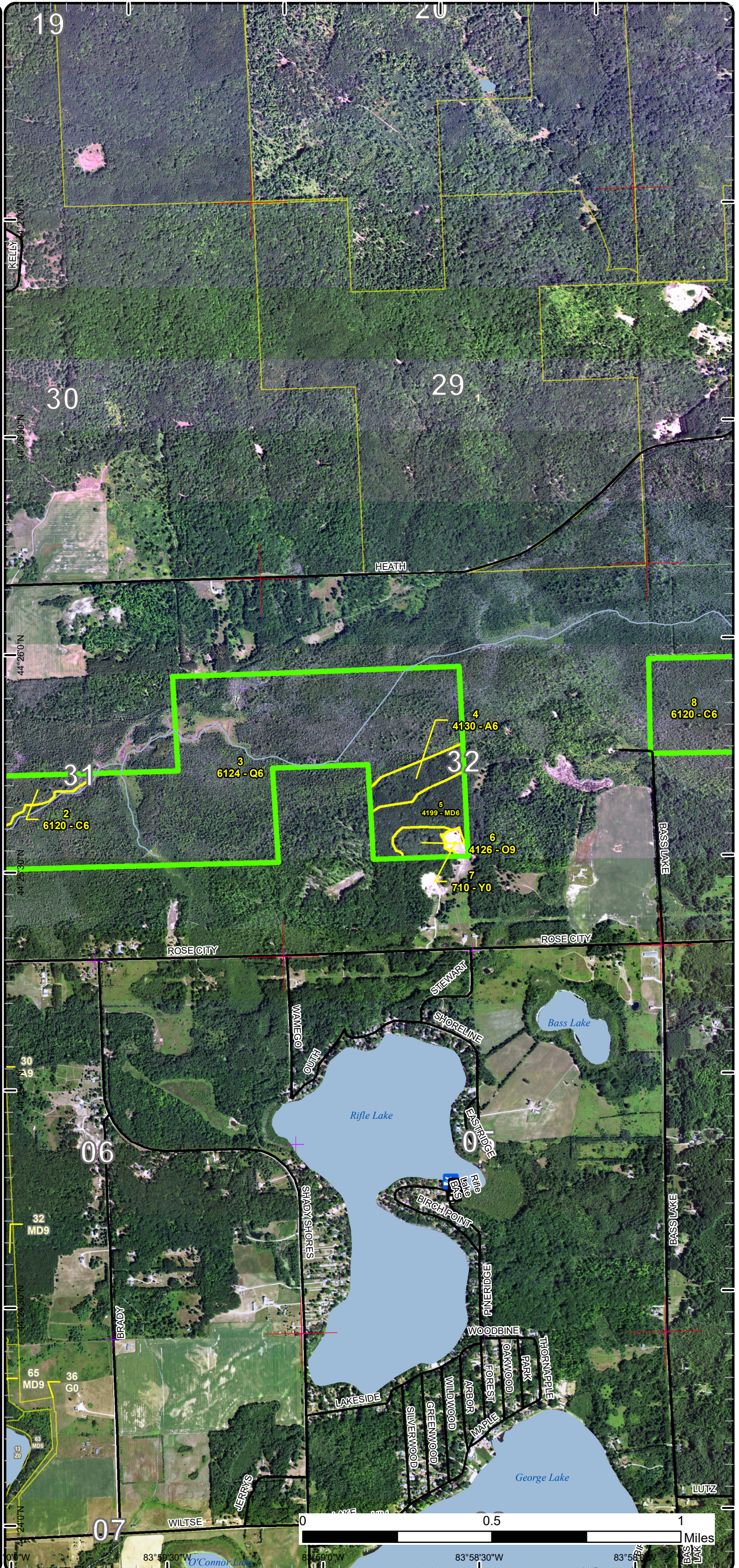
0'0"W 83°59'30"W 83°59'0"W 83°58'30"W 83°58'0"W

Stand Boundary Map

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post



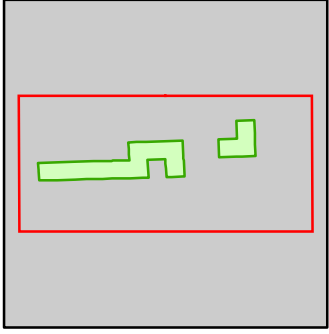
- Miris Corners
- + Remonumented Section Corners
- Counties
- Federal / State / County - Paved Road
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 612 - Lowland Coniferous Forest
- 710 - Sand/Soil



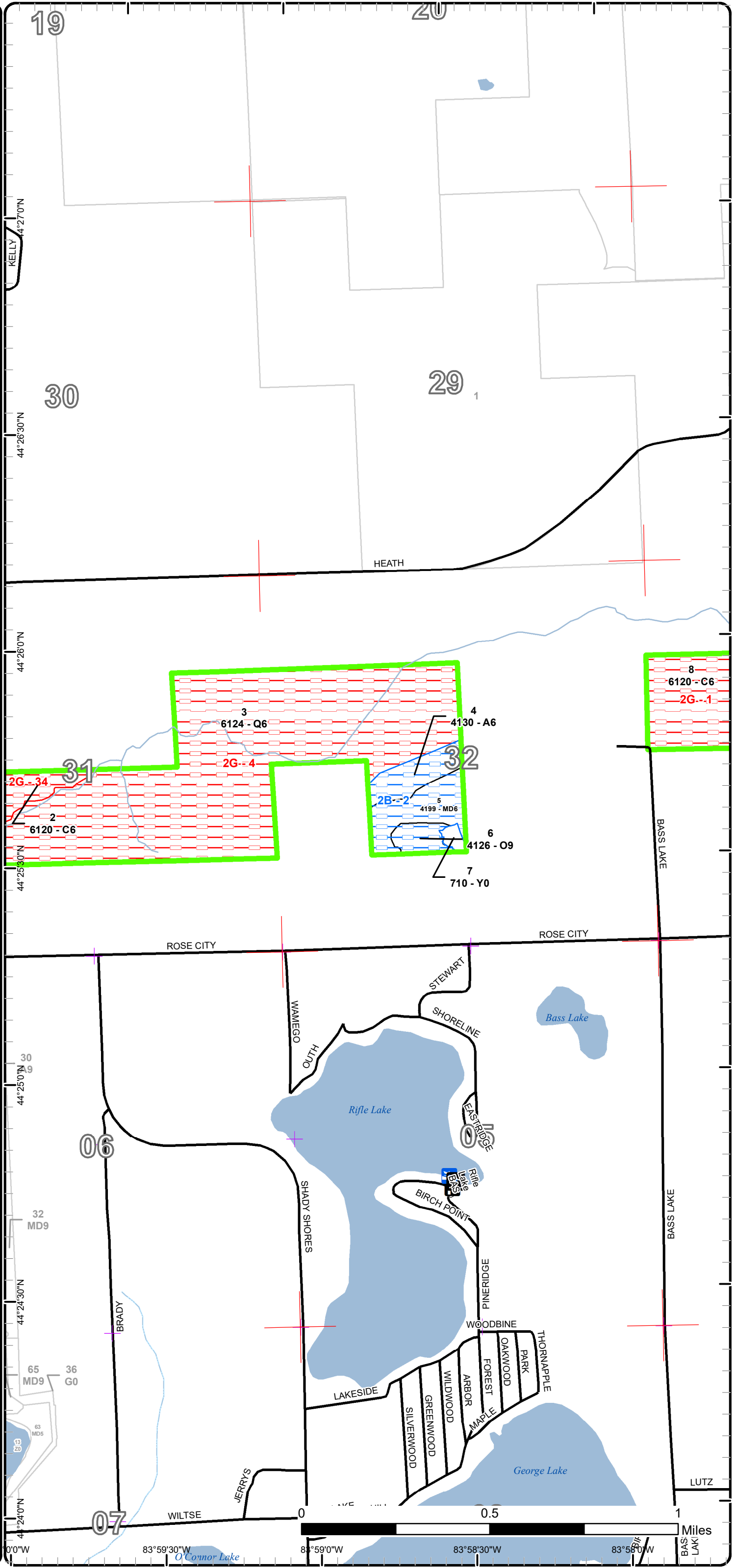
83°59'30"W 83°59'0"W 83°58'30"W 83°58'0"W

Special Conservation Areas

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post

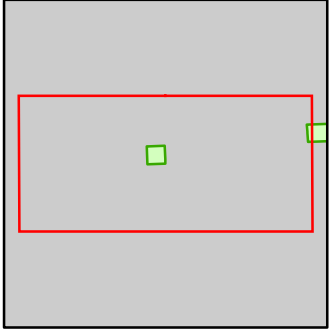


- Miris Corners
- + Remonumented Section Corners
- Counties
- Federal / State / County - Paved Road
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- Stand Boundaries
- Cold Water Streams

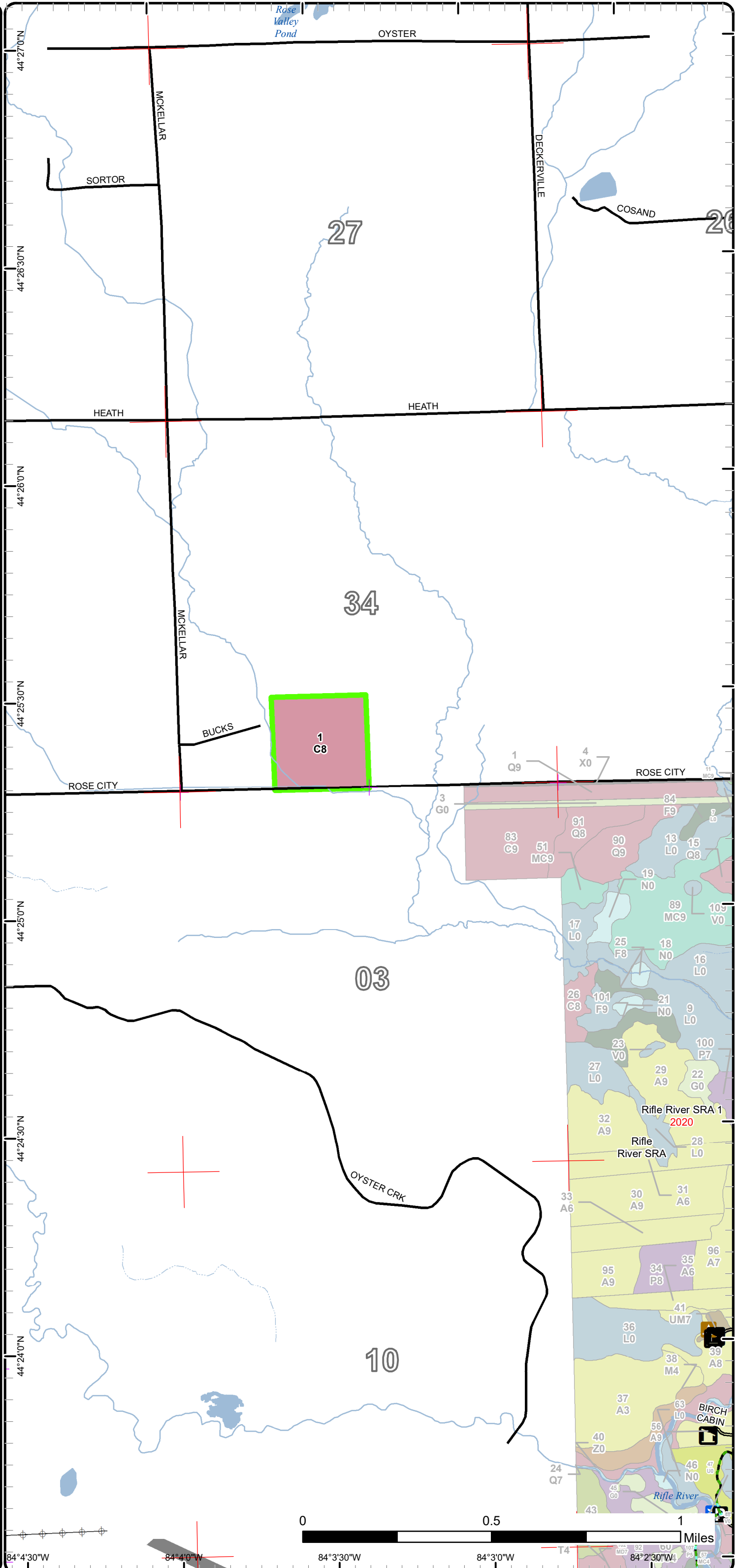


Cover Type & Treatments Map

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOY: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post

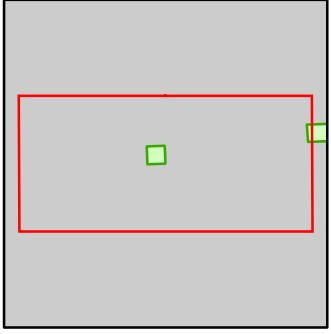


- Miris Corners
- + Remonumented Section Corners
- Counties
- Federal / State / County - Paved Road
- Designated Multi-Use Trails
- Intermittent Stream
- Perennial River
- Compartment Boundary
- 612 - Lowland Coniferous Forest

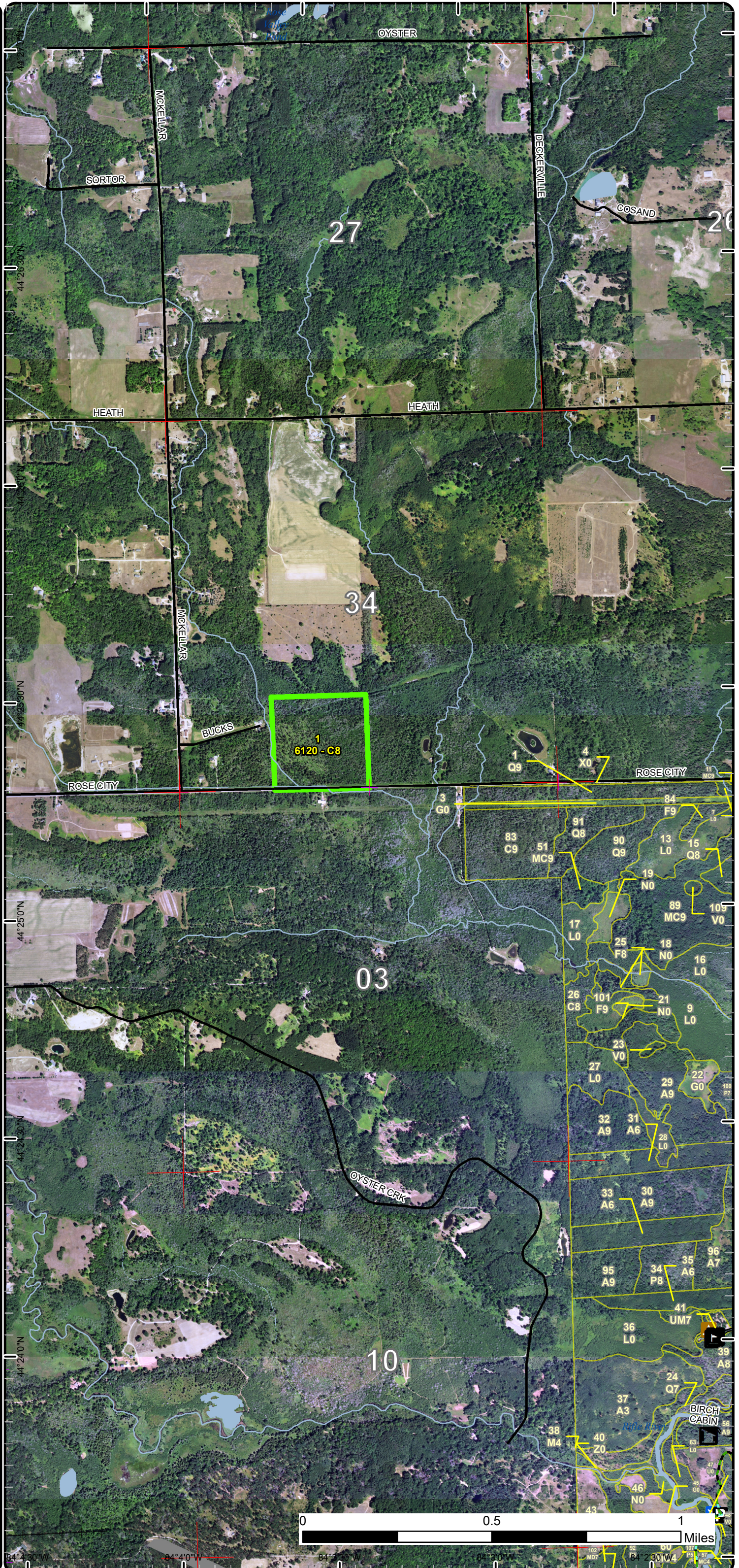


Stand Boundary Map

Compartment: 89
T24N-R03E Sec. 34,36
County: Ogemaw
Unit: Roscommon
Mgmt Area: Gladwin Lake Plain
YOE: 2025
Acres: 3358.1 GIS Calculated
Examiner: Brian Martell
Map Revised: 7/5/2023
Map Phase: Web-Post

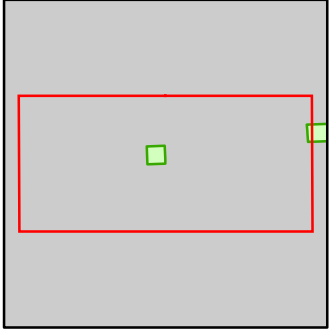


- Miris Corners
- + Remonumented Section Corners
- - - Counties
- Federal / State / County - Paved Road
- Designated Multi-Use Trails
- - - Intermittent Stream
- Perennial River
- Compartment Boundary
- Stand Boundaries
- 612 - Lowland Coniferous Forest

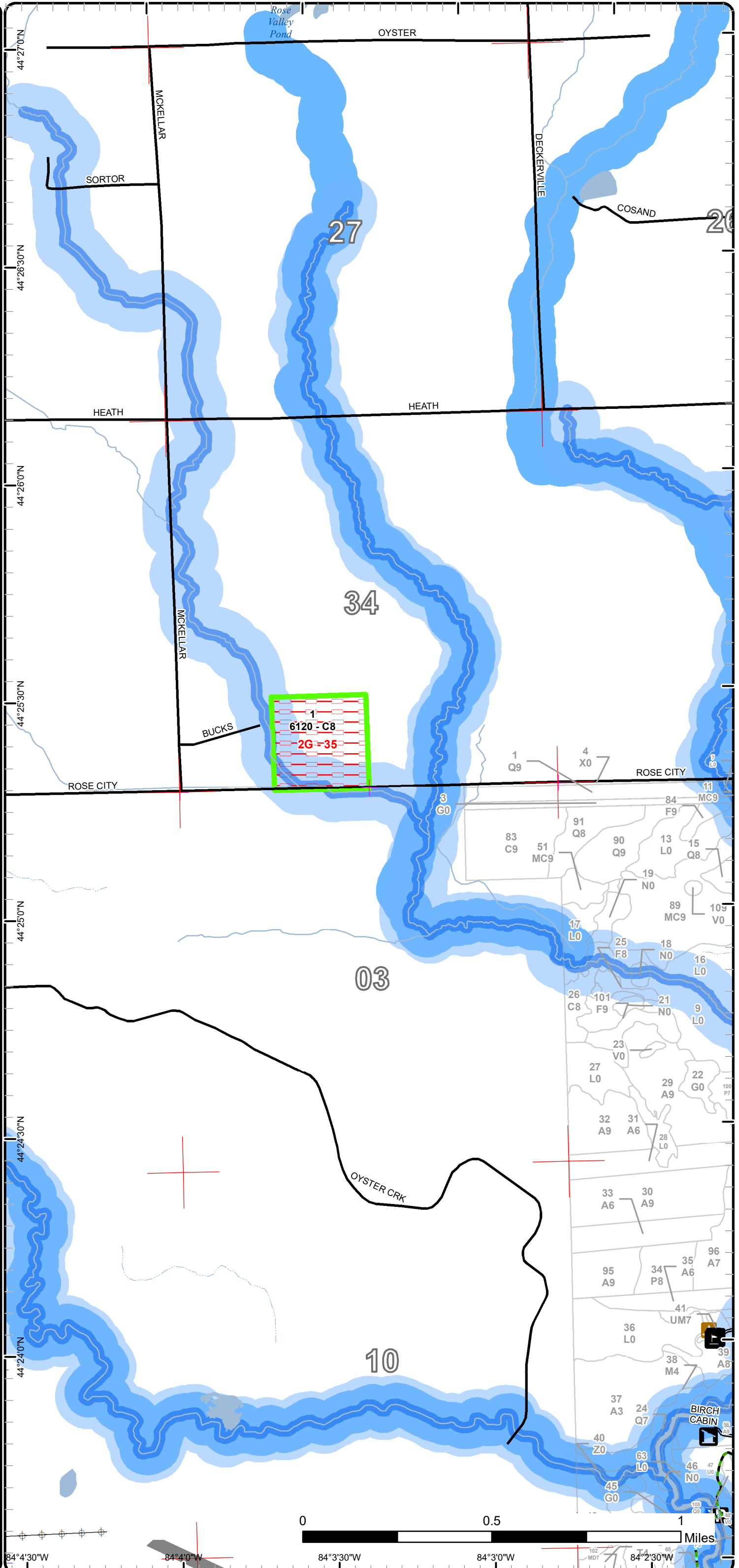


Special Conservation Areas

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post



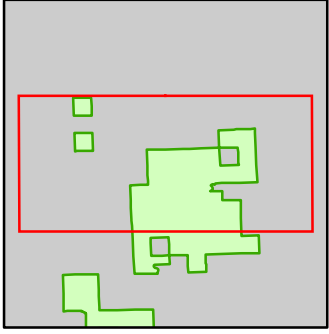
- Miris Corners
- + Remonumented Section Corners
- Counties
- Federal / State / County - Paved Road
- Designated Multi-Use Trails
- Intermittent Stream
- Perennial River
- Compartment Boundary
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer



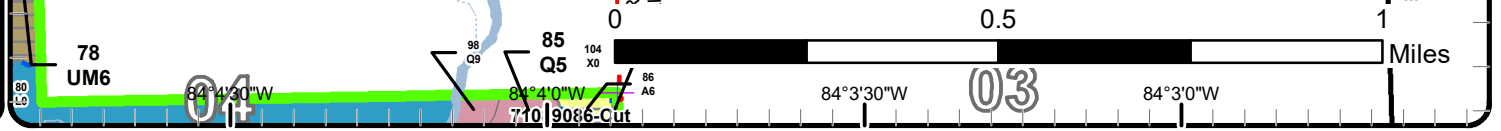
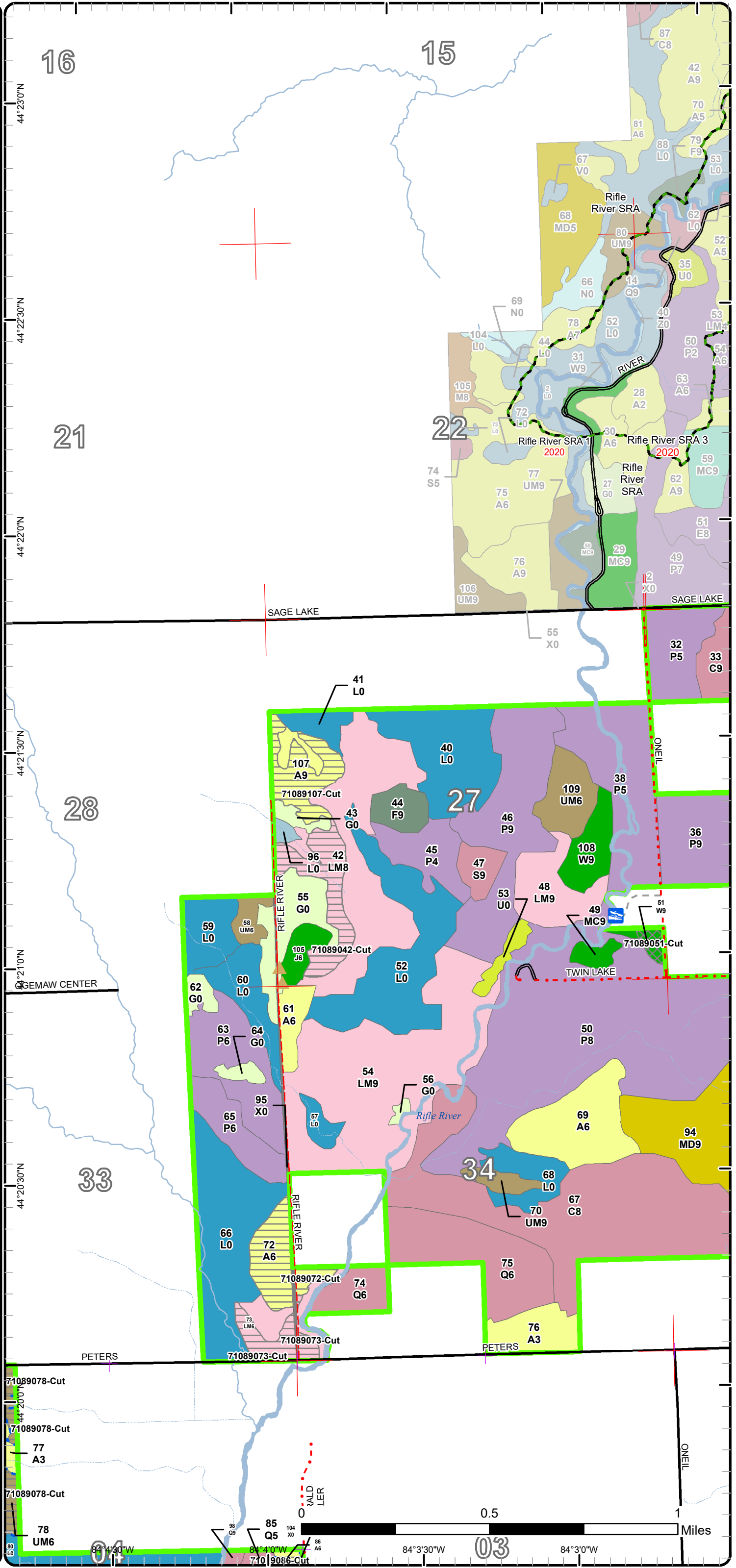
84°4'30"W
84°4'0"W
84°3'30"W
84°3'0"W
84°2'30"W

Cover Type & Treatments Map

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post

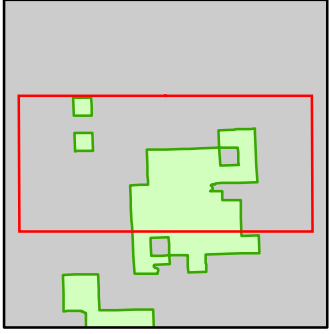


- Miris Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Multi-Use Trails
- Intermittent Stream
- Island in Lake or River
- Perennial River
- Lakes and Rivers
- Berms
- Boating Access Site
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

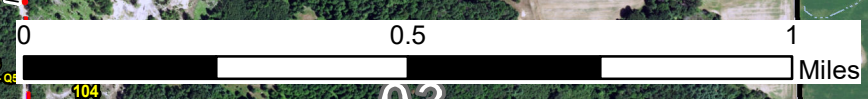
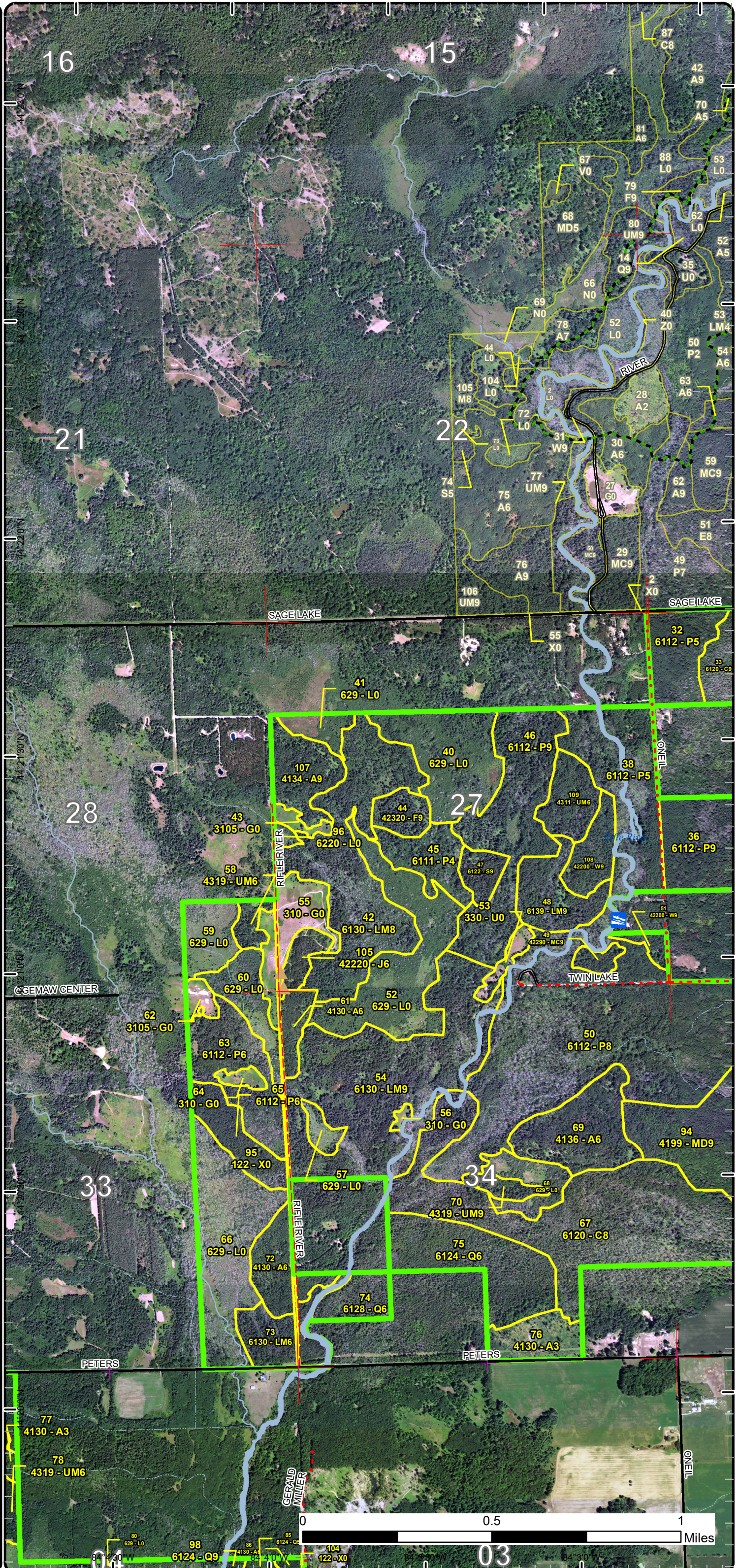


Stand Boundary Map

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post

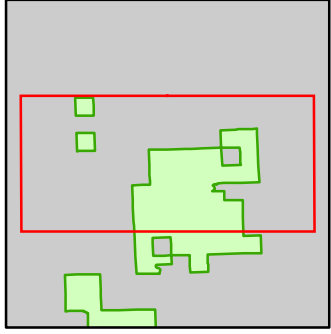


- Miris Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Multi-Use Trails
- Intermittent Stream
- Island in Lake or River
- Perennial River
- Lakes and Rivers
- Berms
- Boating Access Site
- Compartment Boundary
- Stand Boundaries
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

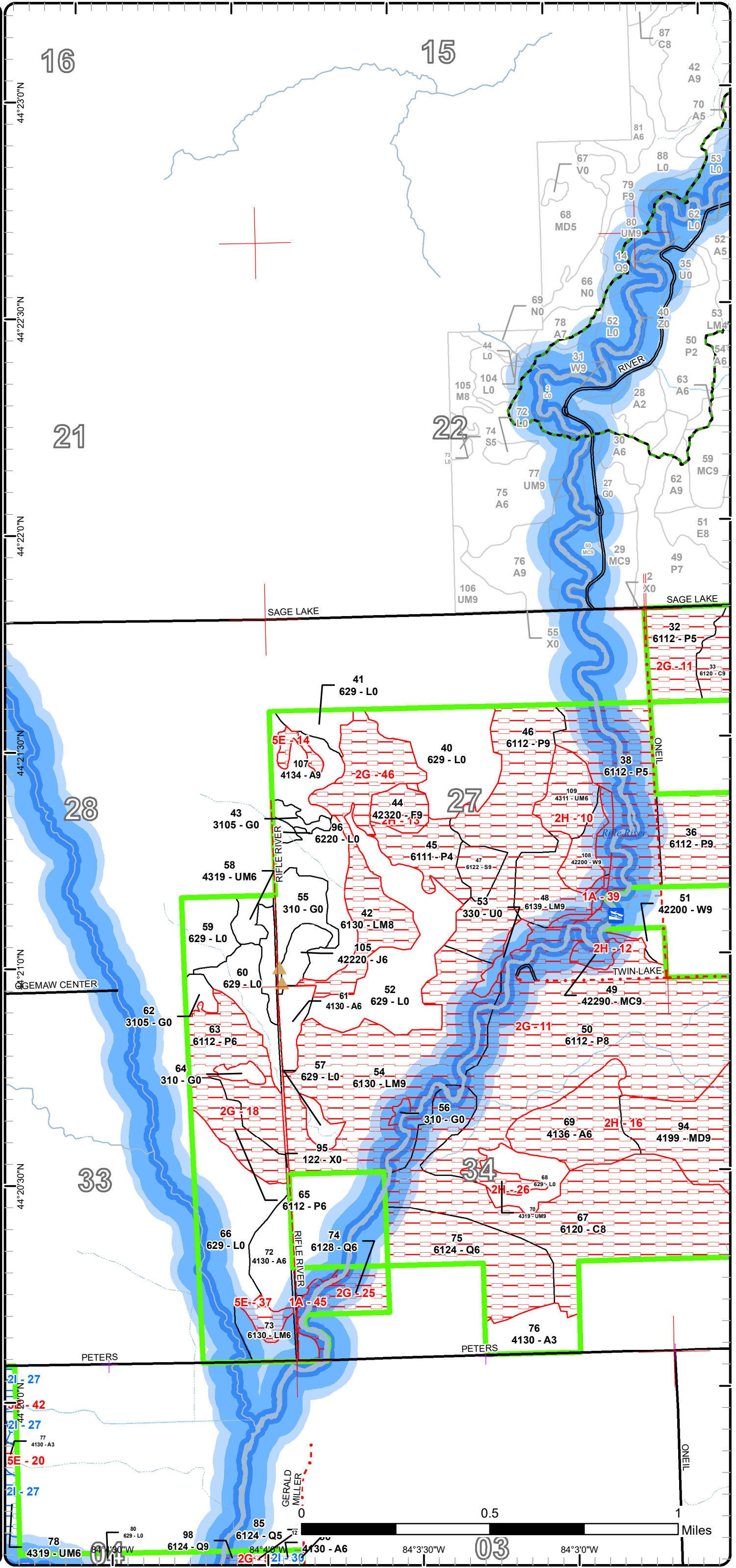


Special Conservation Areas

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post

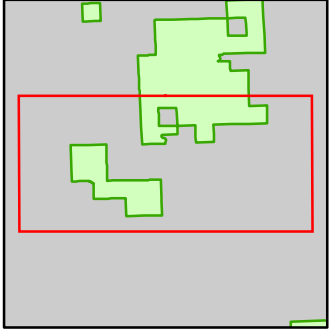


- Miris Corners
- Counties
- DNR - Secondary Forest Road
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Multi-Use Trails
- Intermittent Stream
- Island in Lake or River
- Perennial River
- Lakes and Rivers
- Berms
- Boating Access Site
- Compartment Boundary
- Unavailable
- 1A: Federal/State/Local Law
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer

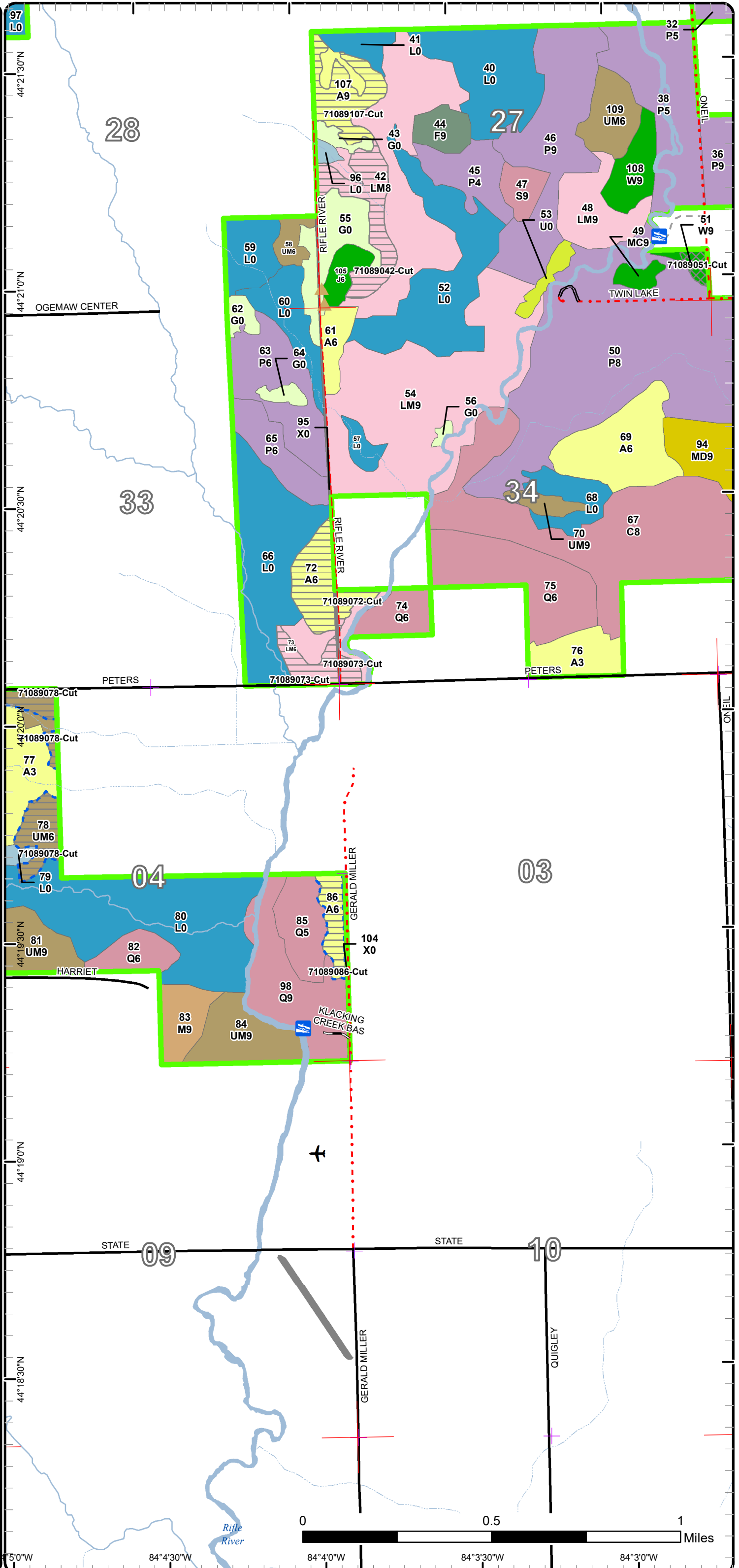


Cover Type & Treatments Map

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post

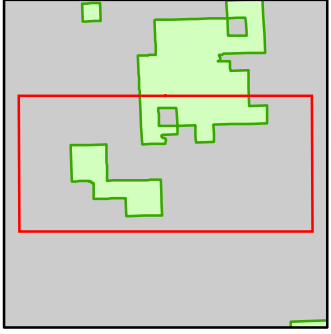


- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Primary Forest Road
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- ✈ Airport
- Boating Access Site
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

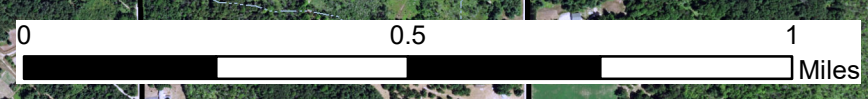
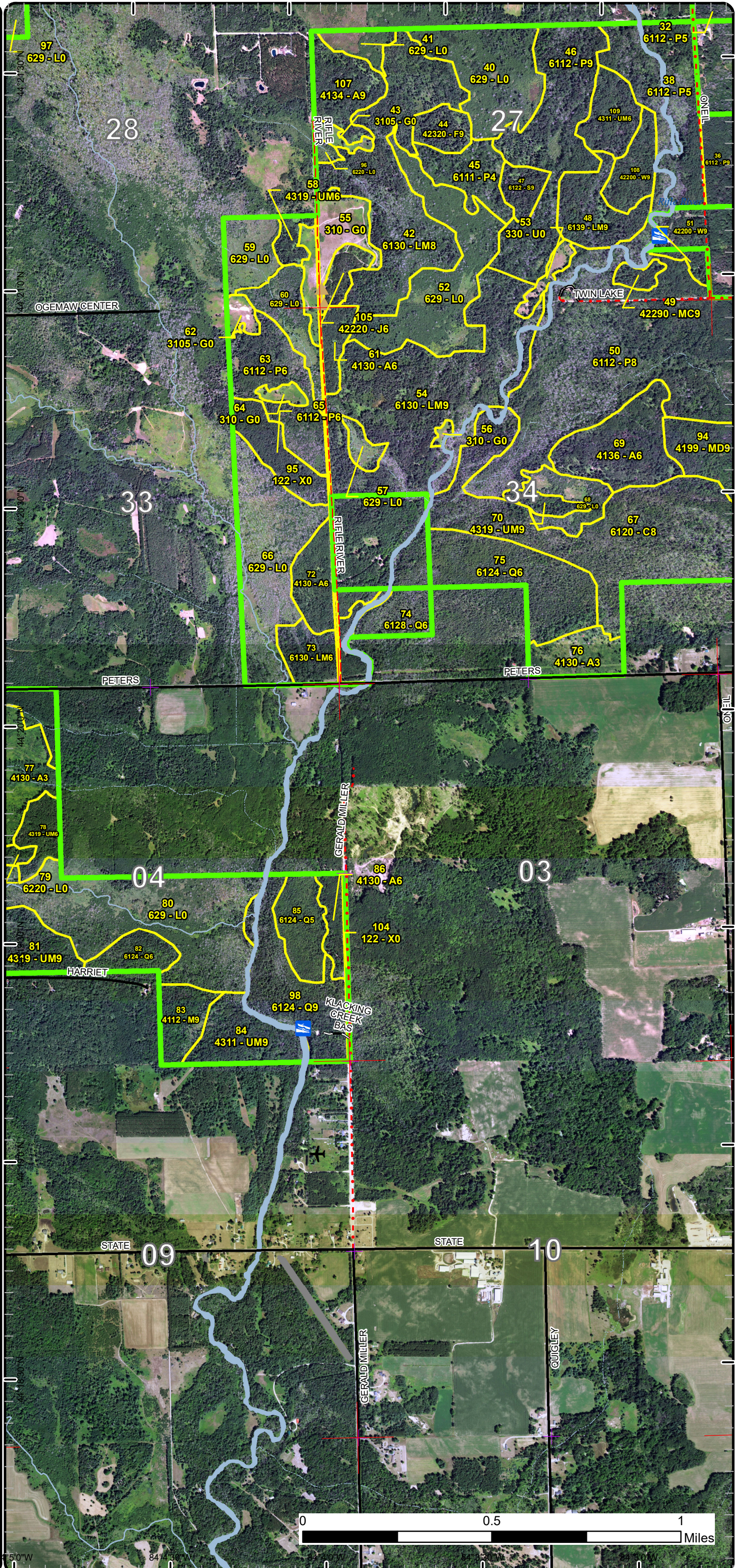


Stand Boundary Map

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post

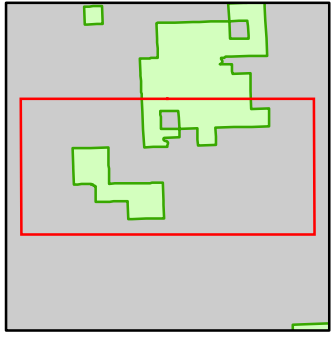


- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Primary Forest Road
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- ✈ Airport
- Boating Access Site
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

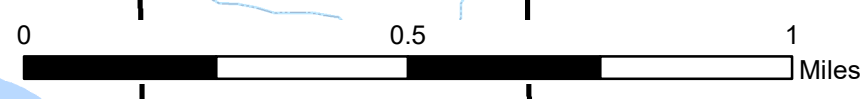
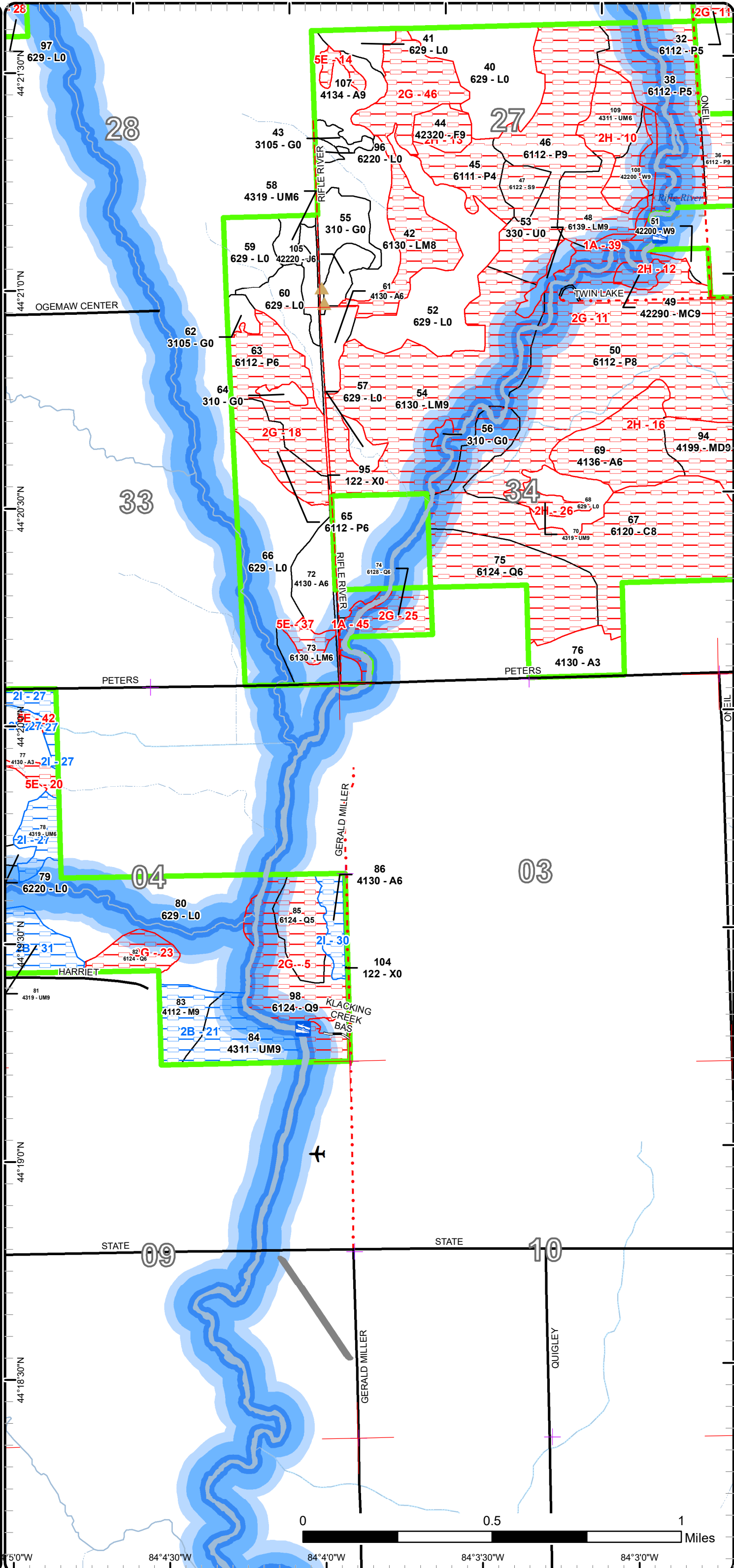


Special Conservation Areas

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post



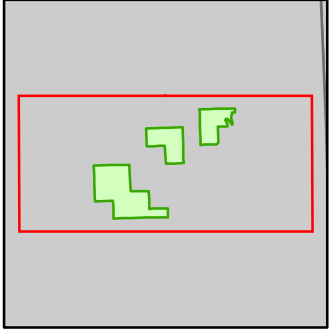
- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Primary Forest Road
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- ✈ Airport
- Boating Access Site
- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- Unavailable
- 1A: Federal/State/Local Law
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



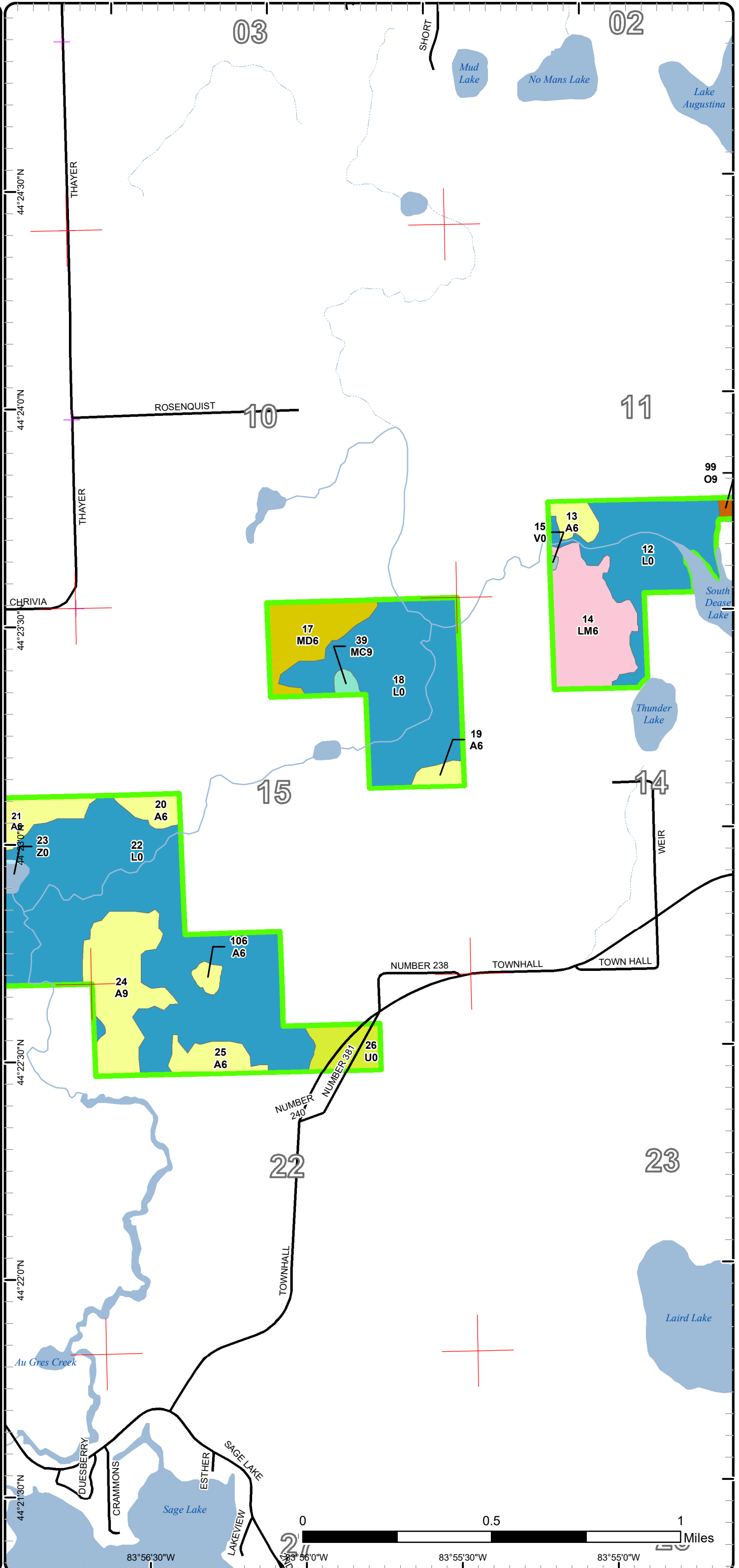
84°5'0"W 84°4'30"W 84°4'0"W 84°3'30"W 84°3'0"W

Cover Type & Treatments Map

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOY: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post

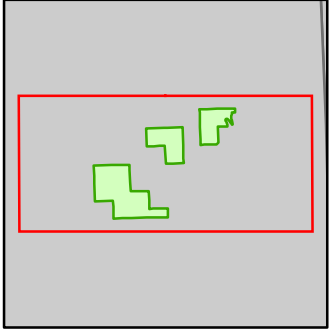


- Miris Corners
- + Remonumented Section Corners
- Counties
- Federal / State / County - Paved Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 429 - Mixed Upland Conifers
- 613 - Lowland Mixed Forest
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

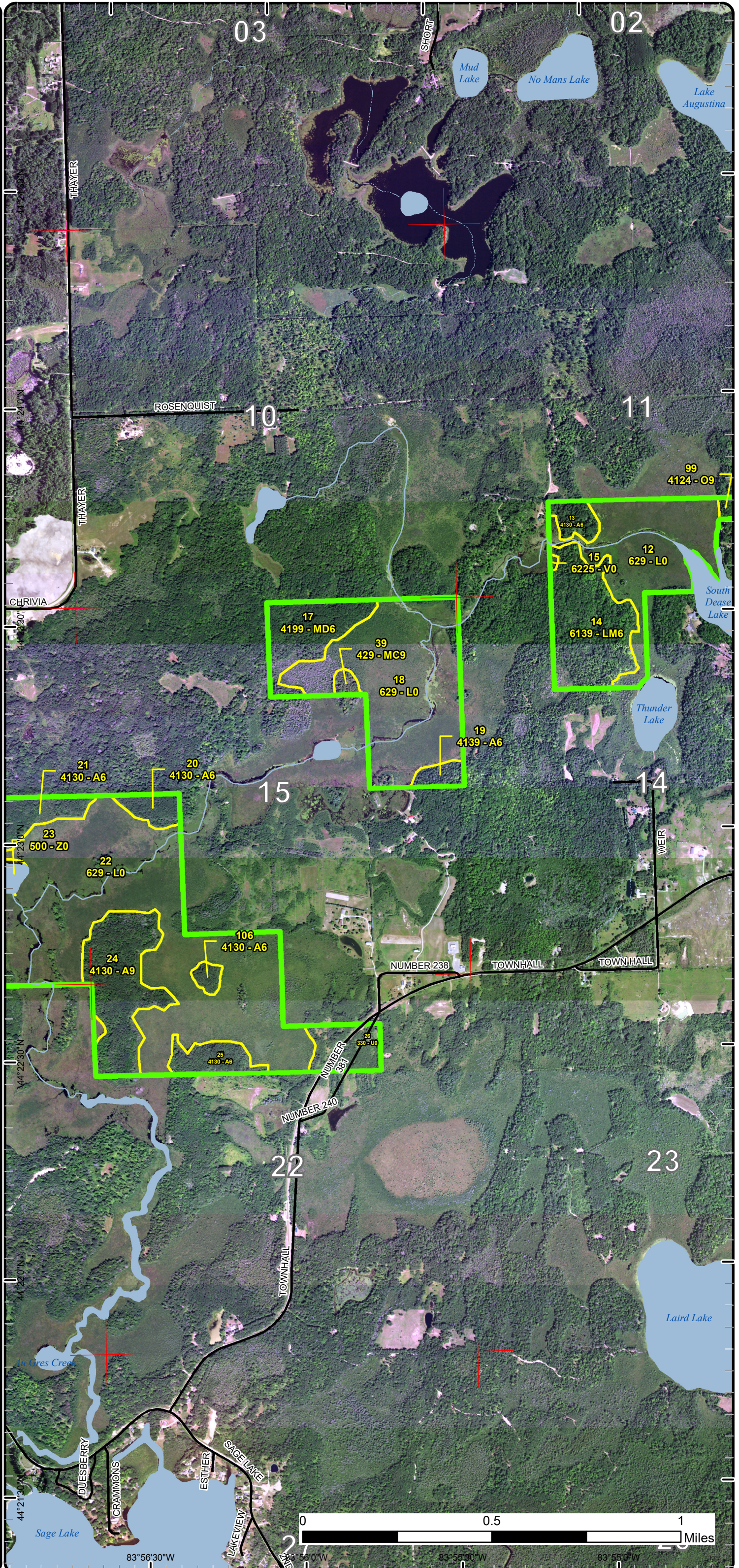


Stand Boundary Map

Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post

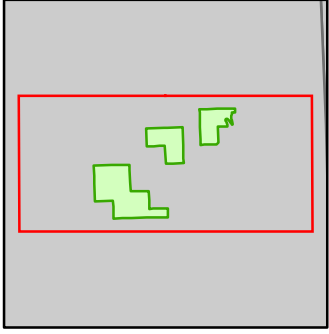


- Miris Corners
- + Remonumented Section Corners
- Counties
- Federal / State / County - Paved Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 429 - Mixed Upland Conifers
- 613 - Lowland Mixed Forest
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland

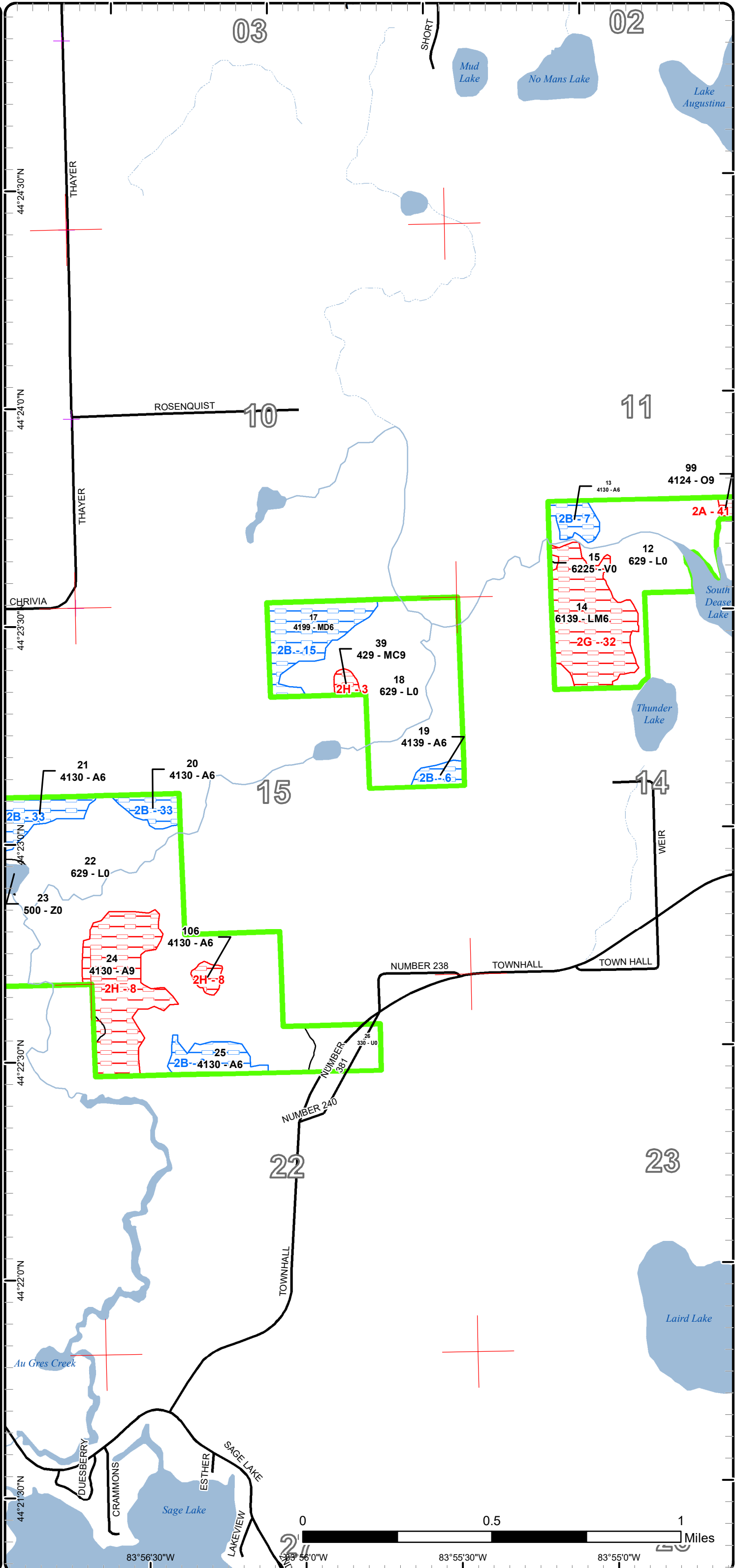


Special Conservation Areas

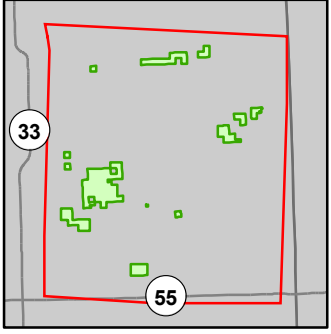
Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post



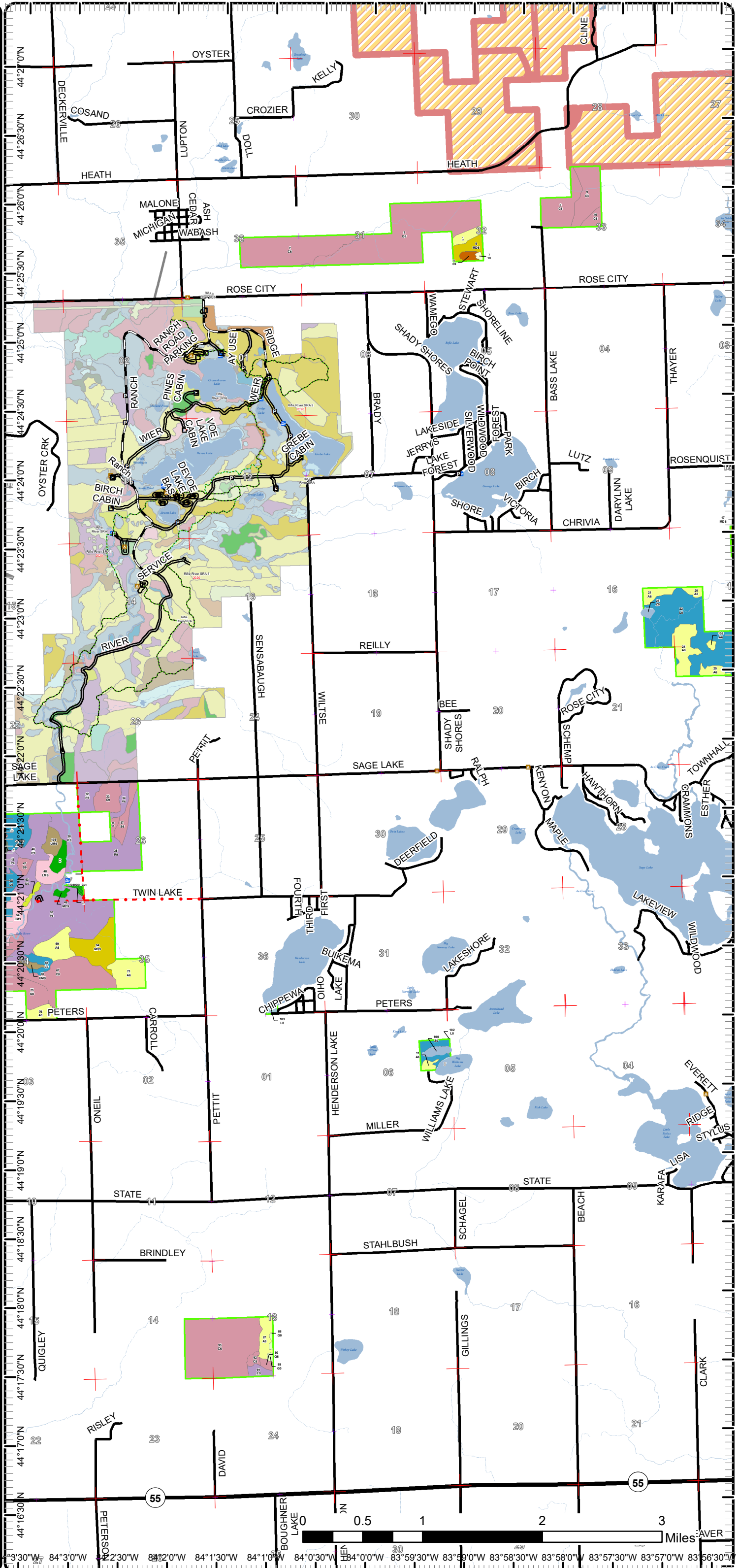
- Miris Corners
- + Remonumented Section Corners
- Counties
- Federal / State / County - Paved Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2A: Adjacent landowner denied access
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Stand Boundaries



Compartment: 89
 T24N-R03E Sec. 34,36
 County: Ogemaw
 Unit: Roscommon
 Mgmt Area: Gladwin Lake Plain
 YOE: 2025
 Acres: 3358.1 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 7/5/2023
 Map Phase: Web-Post



- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - Private - Dirt / Gravel Road
- - - Designated Hiking Trails
- - - Designated Bicycle Trails
- - - Designated Ski Trails
- - - Designated Multi-Use Trails
- - - Intermittent Stream
- - - Island in Lake or River
- - - Lake/Pond
- - - Perennial River
- - - Lakes and Rivers
- Toilet
- Boating Access Site
- Campground
- Parking Lot
- Airports
- Compartment Boundary
- Selection (Group, Single Tree)
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland
- 710 - Sand/Soil



83°30'W 84°30'W 84°23'W 84°20'W 84°13'W 84°10'W 84°03'W 84°00'W 83°59'30"W 83°59'0"W 83°58'30"W 83°58'0"W 83°57'30"W 83°57'0"W 83°56'30"W

Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	139	0	9	63	54	121	21	0	0	0	0	0	0	0	0	0	406
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cedar	0	0	0	0	0	0	0	0	0	262	5	0	0	0	187	0	199	0	653
Herbaceous Openland	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Jack Pine	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
Low-Density Trees	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Lowland Aspen/Balsam Poplar	0	0	0	0	0	110	226	121	63	0	0	0	0	0	0	0	0	0	519
Lowland Conifers	0	0	0	0	0	19	0	5	42	261	0	0	0	0	0	0	46	0	373
Lowland Deciduous	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Mixed Forest	0	0	0	0	0	0	0	282	0	0	0	6	0	0	0	0	0	0	288
Lowland Shrub	710	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	710
Lowland Spruce/Fir	0	0	0	0	0	0	0	8	0	0	21	0	0	0	0	0	0	0	29
Mixed Upland Deciduous	0	0	0	0	0	18	0	84	10	0	0	0	0	0	0	0	0	0	112
Natural Mixed Pines	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	4
Northern Hardwood	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	15
Oak	0	0	0	0	0	0	0	0	0	0	2	0	7	0	0	0	0	0	9
Sand, Soil	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Conifers	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Upland Mixed Forest	0	0	0	0	0	0	37	17	25	21	0	0	0	0	0	0	0	0	100
Upland Spruce/Fir	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
Urban	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
White Pine	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	19
Total	799	0	139	0	9	210	335	684	166	544	28	6	7	0	187	0	245	0	3355



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2025

Acres of Harvest

Compartment 89
Total Compartment Acres: 3,358

Commercial Harvest - 72
Harvests with Site Condition - 31
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	47	0	0	0	0	0	0	0	0	47
Lowland Mixed Forest	31	0	0	0	0	0	0	0	0	31
Upland Mixed Forest	22	0	0	0	0	0	0	0	0	22
White Pine	0	3	0	0	0	0	0	0	0	3
Total	99	3	0	0	0	0	0	0	0	103

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	103	0	0	0	0	0	0	0	0	103
Next Step	0	0	0	0	0	0	103	0	0	103
Total	103	0	0	0	0	0	103	0	0	205



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat
											Cut

Proposed Treatments:

42	71089042-Cut	20.6	6130 - Fir, Aspen, Maple	Sawtimber Medium	63	51-80	Harvest	Clearcut	6112 - Lowland Aspen	Even-Aged	No
-----------	---------------------	------	--------------------------	------------------	----	-------	---------	----------	----------------------	-----------	----

Prescription Cut all trees 2 inches DBH and larger. Cut into low areas as much as possible, but the treatment area is delineated based on what is estimated to be operable. Leave no retention due to trying to regenerate as much aspen as possible, and because the rest of the stand that is too wet is not being cut. Leave drumming logs and 5 brush piles along lowland edge.

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Fully stocked stand of aspen with spruce and fir.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2024

51	71089051-Cut	3.2	42200 - Natural White Pine	Sawtimber Well	66	141-170	Harvest	Group Selection	4319 - Mixed Upland Forest	Two-Aged	No
-----------	---------------------	-----	----------------------------	----------------	----	---------	---------	-----------------	----------------------------	----------	----

Prescription Cut all trees 4 inches DBH and greater, except for white pine and red pine. Mark white pine and red pine to cut where necessary based on spacing and tree quality. Protect advanced regeneration where possible.

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Mixed deciduous species such as aspen, oak, and red maple.
Regen:

Other An illegal driveway goes through this stand. Require the logger to close off the road and pull the culvert after the timber sale is completed.
Comment:

Site Condition

Proposed Start Date: 10/1 /2024

72	71089072-Cut	19.4	4130 - Aspen	Poletimber Well	53		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
-----------	---------------------	------	--------------	-----------------	----	--	---------	-------------------------	-------------	-----------	----

Prescription Cut all trees 1 inch DBH and larger. Leave standard area retention possibly on east side of road to mitigate the need to run the private line and to properly buffer the Rifle River according to set backs. Leave drumming logs.

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable Fully stocked stand of aspen mixed with some balsam fir, white pine, and cherry.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2024



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
	73 71089073-Cut	10.3	6130 - Fir, Aspen, Maple	Poletimber Well	68	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches DBH and larger. Exclude areas that are inoperable and provide proper buffer according to the Natural Rivers guidelines for the Rifle River. An estimate of the wet areas and natural rivers buffer are already delineated out and used as retention. Leave drumming logs and 3 brush piles along lowland edges.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Fully stocked stand of aspen with some balsam fir and red maple.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
	78 71089078-Cut	21.9	4319 - Mixed Upland Forest	Poletimber Well	58	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 1 inch DBH and larger. Use wet areas to encompass standard 3-10% area retention. Wet spots are already delineated out of the proposed treatment boundary. Leave drumming logs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Fully stocked stand of aspen with red maple and balsam fir.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
	86 71089086-Cut	9.1	4130 - Aspen	Poletimber Well	69	111-140	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 1 inch DBH and larger. No retention due to small stand size. Leave drumming logs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Fully stocked stand of aspen mixed with red maple and balsam fir.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
	107 71089107-Cut	18.1	4134 - Aspen, Spruce/Fir	Sawtimber Well	62		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2" DBH and larger. Treatment area reflects wetter areas excluded for retention. Leave drumming logs and 3 brush piles along lowland edge.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Fully stocked stand of aspen with spruce and fir.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

Total Treatment
Acreage Proposed: 102.6

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Brian Martell : Examiner

Compartment: 89
 Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions							
		With Condition	Not Available		2B	2I	5C	1A	2A	2G	2H	5E
406	177	116	113	Aspen	107	9			21		81	12
0	0	0	0	Bog								
654	0	0	654	Cedar						654		
40	40	0	0	Herbaceous Openland								
8	8	0	0	Jack Pine								
20	20	0	0	Low-Density Trees								
518	0	0	518	Lowland Aspen/Balsam Poplar						518		
373	2	0	371	Lowland Conifers						371		
10	0	0	10	Lowland Deciduous						10		
288	40	0	247	Lowland Mixed Forest				7		235		5
711	700	0	10	Lowland Shrub				9			1	
30	0	0	30	Lowland Spruce/Fir						30		
112	0	53	59	Mixed Upland Deciduous	43		10				59	
5	0	0	5	Natural Mixed Pines							5	
15	0	15	0	Northern Hardwood	15							
8	0	7	2	Oak	7				2			
2	2	0	0	Sand, Soil	0							
2	0	0	2	Upland Conifers							2	
100	6	69	25	Upland Mixed Forest	46	23				0	23	2
10	0	0	10	Upland Spruce/Fir							10	
7	7	0	0	Urban								
19	19	0	0	Water								
19	4	0	15	White Pine				4			10	
3,358	1,027	260	2,071	Total Forested Acres	218	32	10	21	23	1,819	190	19
	31%	8%	62%	Relative Percent								

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	122	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Brian Martell : Examiner

Compartment: 89
 Year of Entry: 2025

2	Available	2B: Unknown if access through adjacent landowner(s) is possible	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	236	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	2B: Unknown if access through adjacent landowner(s) is possible	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

Brian Martell : Examiner

Compartment: 89

Year of Entry: 2025

7	Available	2B: Unknown if access through adjacent landowner(s) is possible	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	46	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	2B: Unknown if access through adjacent landowner(s) is possible	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	828	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

Brian Martell : Examiner

Compartment: 89

Year of Entry: 2025

12	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	4	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
15	Available	2B: Unknown if access through adjacent landowner(s) is possible	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	95	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Brian Martell : Examiner

Compartment: 89
 Year of Entry: 2025

17	Available	2B: Unknown if access through adjacent landowner(s) is possible	42	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	52	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Available	2B: Unknown if access through adjacent landowner(s) is possible	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

Brian Martell : Examiner

Compartment: 89

Year of Entry: 2025

23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2A: Adjacent landowner denied access	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	2I: Survey needed	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	1A: Federal/State/Local Law	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Brian Martell : Examiner

Compartment: 89
 Year of Entry: 2025

29	Unavailable	1A: Federal/State/Local Law	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	2I: Survey needed	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Available	2B: Unknown if access through adjacent landowner(s) is possible	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	41	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
33	Available	2B: Unknown if access through adjacent landowner(s) is possible	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	127	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Brian Martell : Examiner

Compartment: 89
 Year of Entry: 2025

35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	209	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	5E: Long-Term Retention	5	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
38	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	1A: Federal/State/Local Law	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
40	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Brian Martell : Examiner

Compartment: 89
 Year of Entry: 2025

41	Unavailable	2A: Adjacent landowner denied access	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	5E: Long-Term Retention	2	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
43	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	1A: Federal/State/Local Law	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural Rivers buffer.							
46	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	56	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments									
1	6120 - Lowland Cedar	Sawtimber Medium	39.7	83	111-140	N/A	Areas that were dominated by ash are now open as the ash has died, especially on the west side of the stand.									
								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
								Balsam Fir	10	Pole	7		Balsam Fir	Medium	Variable	Sapling
								Northern White Cedar	63	Log/Pole	11	83	Black Spruce	Low	Variable	Sapling
								Paper Birch	2	Pole/Log	8		Ash (spp.)	Medium	10 - 20 feet	Sapling
Balsam Poplar	25	Pole/Log	8		Tag Alder	Medium	10 - 20 feet	Tall Shrub								
2	6120 - Lowland Cedar	Poletimber Well	126.8	83	Unspecified	N/A										
3	6124 - Lowland Spruce-Fir	Poletimber Well	235.8	83	Unspecified	N/A										
4	4130 - Aspen	Poletimber Well	13.0	44	Unspecified	N/A										
5	4199 - Other Mixed Upland Deciduous	Poletimber Well	18.3	44	51-80	N/A	Habitat/firewood cut done in 1979. All oaks greater than 10 inches DBH were left. Nice young oak stand. Beech scattered in understory. Hilly terrain.									
6	4126 - White, Black, N. Pin Oak	Sawtimber Well	6.8	110	111-140	N/A	Nice small mixed oak stand. Red maple understory along edges. Access through private.									
7	710 - Sand, Soil	Nonstocked	2.1		Unspecified	No	Abandoned Gravel Pit									
8	6120 - Lowland Cedar	Poletimber Well	55.9	178		N/A										
								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
								Paper Birch	3	Pole/Sapling	6		Tag Alder	Medium	Variable	Tall Shrub
								Northern White Cedar	66	Pole/Log	8	178	Green Ash	Low	Variable	Sapling
								Black Spruce	10	Pole	8		Balsam Fir	Medium	Variable	Sapling
								Tamarack	1	Log/Pole	10					
Balsam Fir	20	Sapling	3													
9	6120 - Lowland Cedar	Sapling Well	53.9	83	Unspecified	N/A	Alder in canopy. Canopy ht. 20-30 ft. dense balsam fir									
10	6120 - Lowland Cedar	Poletimber Well	11.9	178	Unspecified	N/A	Alder in canopy. Canopy 20-30 ft. Winterberry in understory.									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
11	4130 - Aspen	Poletimber Well	5.9	51	111-140	N/A																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>90</td> <td>Pole/Log</td> <td>8</td> <td>51</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole/Log	8		Red Maple	5	Log/Pole	13		Bigtooth Aspen	90	Pole/Log	8	51	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Low	10 - 20 feet	Sapling	Balsam Fir	Low	Variable	Sapling	Red Maple	Low	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																					
Paper Birch	5	Pole/Log	8																																						
Red Maple	5	Log/Pole	13																																						
Bigtooth Aspen	90	Pole/Log	8	51																																					
Sub-Canopy Species	Density	Avg. Height	Size																																						
Beech	Low	10 - 20 feet	Sapling																																						
Balsam Fir	Low	Variable	Sapling																																						
Red Maple	Low	Variable	Sapling																																						
12	629 - Mixed non-forested wetland	Nonstocked	56.5		Unspecified	No																																			
13	4130 - Aspen	Poletimber Well	6.9	63	Unspecified	N/A																																			
14	6139 - Mixed Lowland Forest	Poletimber Well	42.8	63	Unspecified	N/A																																			
15	6225 - Bog	Nonstocked	0.5		Unspecified	No																																			
17	4199 - Other Mixed Upland Deciduous	Poletimber Well	25.0	63	81-110	N/A																																			
18	629 - Mixed non-forested wetland	Nonstocked	88.0		Unspecified	No																																			
19	4139 - Aspen, Mixed Deciduous	Poletimber Well	5.0	63	Unspecified	N/A																																			
20	4130 - Aspen	Poletimber Well	7.4	49		N/A																																			
21	4130 - Aspen	Poletimber Well	14.6	50	Unspecified	N/A	Compartment notes show a habitat cut done by adjacent landowner for free in winter of 1973.																																		
22	629 - Mixed non-forested wetland	Nonstocked	181.8			No	Mix of areas of lowland shrubs, leather leaf, and cattails.																																		
23	500 - Water	Nonstocked	3.7		Unspecified	No																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
24	4130 - Aspen	Sawtimber Well	41.5	63		N/A	Aspen hills/ridges surrounded by lowland. There is some ash left in the canopy but it looks to be mostly dead.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>2</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>81</td> <td>Log/Pole</td> <td>11</td> <td>63</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	2	Pole	6		Balsam Poplar	2	Pole/Log	8		Quaking Aspen	15	Log/Pole	10		Bigtooth Aspen	81	Log/Pole	11	63	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Autumn Olive</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Ash</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Low	Variable	Sapling	Beech	Low	5 - 10 feet	Sapling	Autumn Olive	High	5 - 10 feet	Tall Shrub	White Ash	Medium	>20 feet	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Red Maple	2	Pole	6																																																					
Balsam Poplar	2	Pole/Log	8																																																					
Quaking Aspen	15	Log/Pole	10																																																					
Bigtooth Aspen	81	Log/Pole	11	63																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Ironwood	Low	Variable	Sapling																																																					
Beech	Low	5 - 10 feet	Sapling																																																					
Autumn Olive	High	5 - 10 feet	Tall Shrub																																																					
White Ash	Medium	>20 feet	Sapling																																																					
25	4130 - Aspen	Poletimber Well	11.4	53	111-140	N/A	Aspen hill surrounded by lowlands and private. There are some ash in the canopy but most look to be dead.																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>70</td> <td>Pole/Log</td> <td>8</td> <td>53</td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	70	Pole/Log	8	53	Red Maple	3	Pole/Sapling	6		Quaking Aspen	25	Pole/Log	8		Paper Birch	2	Pole	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Ash</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Serviceberry (Juneberry)</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Autumn Olive</td> <td>Trace</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Ash	Low	10 - 20 feet	Sapling	Beech	Low	5 - 10 feet	Sapling	Ironwood	Low	Variable	Sapling	Serviceberry (Juneberry)	Low	>20 feet	Sapling	Black Cherry	Low	Variable	Sapling	Autumn Olive	Trace	5 - 10 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Bigtooth Aspen	70	Pole/Log	8	53																																																				
Red Maple	3	Pole/Sapling	6																																																					
Quaking Aspen	25	Pole/Log	8																																																					
Paper Birch	2	Pole	5																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
White Ash	Low	10 - 20 feet	Sapling																																																					
Beech	Low	5 - 10 feet	Sapling																																																					
Ironwood	Low	Variable	Sapling																																																					
Serviceberry (Juneberry)	Low	>20 feet	Sapling																																																					
Black Cherry	Low	Variable	Sapling																																																					
Autumn Olive	Trace	5 - 10 feet	Tall Shrub																																																					
26	330 - Low-Density Trees	Nonstocked	14.5		Immature	No	Clumps of trees, Pockets of open areas, and the rest is mostly tag alder. Overall the stand is upland, but there are lots of low areas also.																																																	
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Poplar</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Paper Birch</td> <td>Trace</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Black Cherry</td> <td>Trace</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>>20 feet</td> <td>Log</td> </tr> <tr> <td>Scotch Pine</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Poplar	Low	>20 feet	Pole	Paper Birch	Trace	>20 feet	Pole	Black Cherry	Trace	>20 feet	Pole	Jack Pine	Low	>20 feet	Pole	Bigtooth Aspen	Low	>20 feet	Log	Scotch Pine	Low	>20 feet	Pole																									
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Balsam Poplar	Low	>20 feet	Pole																																																					
Paper Birch	Trace	>20 feet	Pole																																																					
Black Cherry	Trace	>20 feet	Pole																																																					
Jack Pine	Low	>20 feet	Pole																																																					
Bigtooth Aspen	Low	>20 feet	Log																																																					
Scotch Pine	Low	>20 feet	Pole																																																					
27	629 - Mixed non-forested wetland	Nonstocked	24.7		Immature	No	Used to be dominated by ash. Now all the ash is dead and a lot has fallen over. There is one main pocket of log sized aspen in the north central part of the stand, some scattered basswood, and some ash saplings regenerating.																																																	
28	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	5.5	103	111-140	N/A	Cedar is mostly on the western edge. There's a lot of dead standing spruce. There is an opening in the middle of the stand against private																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>8</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>30</td> <td>Log/Pole</td> <td>10</td> <td>103</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>7</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	30	Log/Pole	10		Red Maple	8	Log/Pole	10		Black Spruce	20	Pole/Log	9		Northern White Cedar	30	Log/Pole	10	103	Bigtooth Aspen	5	Log	14		Paper Birch	7	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ash (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Sapling	Ash (spp.)	Low	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																																				
Quaking Aspen	30	Log/Pole	10																																																					
Red Maple	8	Log/Pole	10																																																					
Black Spruce	20	Pole/Log	9																																																					
Northern White Cedar	30	Log/Pole	10	103																																																				
Bigtooth Aspen	5	Log	14																																																					
Paper Birch	7	Pole/Log	9																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																					
Black Spruce	Low	Variable	Sapling																																																					
Ash (spp.)	Low	Variable	Sapling																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

29 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 9.9 71 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	3	Log/Pole	10		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Bigtooth Aspen	20	Log/Pole	13		Black Cherry	Low	Variable	Sapling
Black Spruce	25	Log/Pole	10		Balsam Fir	Low	Variable	Sapling
Paper Birch	2	Log/Pole	10		Black Spruce	Low	Variable	Pole
Red Pine	1	XLog	20					
Red Maple	13	Log/Pole	13					
Quaking Aspen	4	Log/Pole	10					
Balsam Fir	5	Pole/Log	8					
Balsam Poplar	1	Pole/Sapling	6					
Black/Red (Hybrid) Oak	25	Log/Pole	13	71				
Black Cherry	1	Log/Pole	12					

30 6112 - Lowland Aspen Poletimber Well 9.7 43 N/A Trace amounts of American elm.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	1	Pole/Sapling	6		Balsam Fir	Medium	>20 feet	Sapling
Quaking Aspen	90	Pole/Log	8	43	Balsam Fir	Low	>20 feet	Pole
Balsam Fir	4	Pole	7		Black Spruce	Low	Variable	Sapling
Balsam Poplar	5	Pole	8		Ash (spp.)	Medium	Variable	Sapling

31 6120 - Lowland Cedar Poletimber Medium 9.5 83 N/A Areas that had ash are now mostly open.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	2	Pole/Log	8		Black Spruce	Low	5 - 10 feet	Sapling
Paper Birch	2	Pole	7		Ash (spp.)	Medium	>20 feet	Sapling
Black Spruce	1	Pole/Log	8					
Balsam Fir	1	Pole/Log/Sap	7					
Northern White Cedar	85	Pole/Log	9	83				
Basswood	3	Log/Pole	10					
American Elm	1	Log/Pole	10					
Red Maple	5	Pole/Log	8					

32 6112 - Lowland Aspen Poletimber Medium 25.1 58 N/A Trace amounts of white pine, black/red hybrid oak, and cedar.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	2	Pole	7		Balsam Fir	Low	Variable	Sapling
Balsam Poplar	2	Pole	8		Tag Alder	High	10 - 20 feet	Tall Shrub
Black Spruce	2	Pole/Log	8		Ash (spp.)	Medium	10 - 20 feet	Sapling
Quaking Aspen	94	Pole/Log	8	58	Beech	Trace	10 - 20 feet	Sapling
					Black Spruce	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

33 6120 - Lowland Cedar Sawtimber Well 32.7 80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	12	Pole/Sap/Log	7		Red Maple	Low	>20 feet	Sapling
Paper Birch	2	Pole	6		Ash (spp.)	Low	Variable	Sapling
Balsam Fir	5	Pole/Sapling	6		Black Spruce	Low	Variable	Sapling
Northern White Cedar	80	Log/Pole	10	80	Balsam Fir	Low	Variable	Sapling
Balsam Poplar	1	Pole	6					

34 6112 - Lowland Aspen Poletimber Well 13.8 43 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	3	Pole/Sapling	5		Red Maple	Medium	10 - 20 feet	Sapling
Black Spruce	5	Pole/Sapling	6		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Quaking Aspen	75	Pole/Sapling	6	43	Balsam Fir	Medium	Variable	Sapling
Balsam Poplar	2	Pole	6		Black/Red (Hybrid) Oak	Trace	Variable	Sapling
Red Maple	10	Sapling/Pole/Log	4					
Balsam Fir	5	Pole/Sapling	6					

35 6120 - Lowland Cedar Sawtimber Well 5.3 98 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	87	Log/Pole	12	98	Balsam Fir	Low	Variable	Sapling
Red Maple	1	Sapling/Pole	4		Black Ash	Low	10 - 20 feet	Sapling
Paper Birch	2	Pole/Log/Sap	6		Black Spruce	Medium	Variable	Sapling
Black Spruce	10	Pole/Sap/Log	6		Tag Alder	Medium	10 - 20 feet	Tall Shrub

36 6112 - Lowland Aspen Sawtimber Well 101.6 63 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	75	Log/Pole	10	63	Black Spruce	Low	< 5 feet	Sapling
Black Spruce	2	Pole	7		Beech	Low	10 - 20 feet	Sapling
White Pine	2	Log/Pole	10		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Balsam Fir	5	Pole	7		Balsam Fir	Trace	>20 feet	Pole
Red Maple	5	Log/Pole	13		Black Ash	Medium	10 - 20 feet	Sapling
Black Cherry	2	Log/Pole	12		Autumn Olive	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	2	Log/Pole	13		Balsam Fir	Low	Variable	Sapling
Paper Birch	2	Pole/Sapling	5		Red Maple	Medium	Variable	Sapling
Bigtooth Aspen	5	Log	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																										
37	6122 - Black Spruce	Poletimber Well	21.4	98		N/A	Scattered RP monarchs, spruce heaviest in S part of stand.																																																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>5</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>White Pine</td><td>1</td><td>Log</td><td>14</td><td></td></tr> <tr><td>Quaking Aspen</td><td>35</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Black Cherry</td><td>2</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Black Spruce</td><td>56</td><td>Pole/Log</td><td>9</td><td>98</td></tr> <tr><td>Red Pine</td><td>1</td><td>Log/XLog</td><td>17</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	5	Pole	7		White Pine	1	Log	14		Quaking Aspen	35	Pole/Log	9		Black Cherry	2	Pole	7		Black Spruce	56	Pole/Log	9	98	Red Pine	1	Log/XLog	17		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>Tall Shrub</td></tr> <tr><td>Black Spruce</td><td>Low</td><td>< 5 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Black Spruce	Low	< 5 feet	Sapling	Balsam Fir	High	Variable	Sapling	Red Maple	Medium	Variable	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																													
Balsam Fir	5	Pole	7																																																																														
White Pine	1	Log	14																																																																														
Quaking Aspen	35	Pole/Log	9																																																																														
Black Cherry	2	Pole	7																																																																														
Black Spruce	56	Pole/Log	9	98																																																																													
Red Pine	1	Log/XLog	17																																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																																														
Black Spruce	Low	< 5 feet	Sapling																																																																														
Balsam Fir	High	Variable	Sapling																																																																														
Red Maple	Medium	Variable	Sapling																																																																														
38	6112 - Lowland Aspen	Poletimber Medium	52.9	41	Unspecified	N/A	Lowest areas closest to the river were dominated by ash, but now all the ash is dead and tag older and ash saplings are growing up. Northern end of the stand has a pocket of log sized white pine with some bigtooth aspen.																																																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Balsam Poplar</td><td>5</td><td>Pole</td><td>8</td><td></td></tr> <tr><td>Bigtooth Aspen</td><td>1</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>White Pine</td><td>5</td><td>Log/Pole/XLog</td><td>14</td><td></td></tr> <tr><td>Balsam Fir</td><td>2</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Quaking Aspen</td><td>82</td><td>Pole/Log</td><td>9</td><td>41</td></tr> <tr><td>Black Spruce</td><td>5</td><td>Pole/Log</td><td>8</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	5	Pole	8		Bigtooth Aspen	1	Pole/Log	8		White Pine	5	Log/Pole/XLog	14		Balsam Fir	2	Pole	7		Quaking Aspen	82	Pole/Log	9	41	Black Spruce	5	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Ash (spp.)</td><td>Medium</td><td>10 - 20 feet</td><td>Sapling</td></tr> <tr><td>Tag Alder</td><td>High</td><td>10 - 20 feet</td><td>Tall Shrub</td></tr> <tr><td>Balsam Fir</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	Variable	Sapling	Ash (spp.)	Medium	10 - 20 feet	Sapling	Tag Alder	High	10 - 20 feet	Tall Shrub	Balsam Fir	Low	5 - 10 feet	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																													
Balsam Poplar	5	Pole	8																																																																														
Bigtooth Aspen	1	Pole/Log	8																																																																														
White Pine	5	Log/Pole/XLog	14																																																																														
Balsam Fir	2	Pole	7																																																																														
Quaking Aspen	82	Pole/Log	9	41																																																																													
Black Spruce	5	Pole/Log	8																																																																														
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
Black/Red (Hybrid) Oak	Low	Variable	Sapling																																																																														
Ash (spp.)	Medium	10 - 20 feet	Sapling																																																																														
Tag Alder	High	10 - 20 feet	Tall Shrub																																																																														
Balsam Fir	Low	5 - 10 feet	Sapling																																																																														
39	429 - Mixed Upland Conifers	Sawtimber Well	2.4	63	111-140	N/A																																																																											
40	629 - Mixed non-forested wetland	Nonstocked	41.6			No	Looks like there are patches of trees interior but overall this is a non forested stand.																																																																										
41	629 - Mixed non-forested wetland	Nonstocked	8.2			No																																																																											
42	6130 - Fir, Aspen, Maple	Sawtimber Medium	81.9	63	51-80	N/A	Aspen less dense and tamarack more dense in southern of stand. Pockets of conifer and aspen scattered throughout stand. Stand gets more open and generally wetter from west to east. Areas with a lot of ash are now dominated by tag alder.																																																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Black Cherry</td><td>1</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Paper Birch</td><td>2</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Balsam Poplar</td><td>7</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Balsam Fir</td><td>20</td><td>Pole/Sapling</td><td>7</td><td></td></tr> <tr><td>Black Spruce</td><td>25</td><td>Log/Pole/XLog</td><td>12</td><td></td></tr> <tr><td>Tamarack</td><td>9</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Northern White Cedar</td><td>1</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Quaking Aspen</td><td>30</td><td>Log/Pole</td><td>12</td><td>63</td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	1	Pole	7		Paper Birch	2	Pole/Log	8		Balsam Poplar	7	Log/Pole	11		Balsam Fir	20	Pole/Sapling	7		Black Spruce	25	Log/Pole/XLog	12		Tamarack	9	Log/Pole	11		Red Maple	5	Log/Pole	12		Northern White Cedar	1	Log/Pole	11		Quaking Aspen	30	Log/Pole	12	63	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>Tall Shrub</td></tr> <tr><td>Tag Alder</td><td>Medium</td><td>10 - 20 feet</td><td>Tall Shrub</td></tr> <tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Beech</td><td>Trace</td><td>< 5 feet</td><td>Sapling</td></tr> <tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Low	5 - 10 feet	Tall Shrub	Tag Alder	Medium	10 - 20 feet	Tall Shrub	Black Spruce	Low	Variable	Sapling	Beech	Trace	< 5 feet	Sapling	Black/Red (Hybrid) Oak	Low	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																																													
Black Cherry	1	Pole	7																																																																														
Paper Birch	2	Pole/Log	8																																																																														
Balsam Poplar	7	Log/Pole	11																																																																														
Balsam Fir	20	Pole/Sapling	7																																																																														
Black Spruce	25	Log/Pole/XLog	12																																																																														
Tamarack	9	Log/Pole	11																																																																														
Red Maple	5	Log/Pole	12																																																																														
Northern White Cedar	1	Log/Pole	11																																																																														
Quaking Aspen	30	Log/Pole	12	63																																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																																														
Witch Hazel	Low	5 - 10 feet	Tall Shrub																																																																														
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																																																														
Black Spruce	Low	Variable	Sapling																																																																														
Beech	Trace	< 5 feet	Sapling																																																																														
Black/Red (Hybrid) Oak	Low	Variable	Sapling																																																																														
Balsam Fir	Medium	Variable	Sapling																																																																														
43	3105 - Mixed Upland Herbaceous	Nonstocked	3.6			No																																																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
44	42320 - Upland Spruce	Sawtimber Well	9.9	61	81-110	N/A	Natural stand looks to have been regenerated from fire as there are scorched logs on the ground.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>90</td> <td>Log/Pole</td> <td>12</td> <td>61</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	90	Log/Pole	12	61	Quaking Aspen	10	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	< 5 feet	Sapling																																												
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Black Spruce	90	Log/Pole	12	61																																																																		
Quaking Aspen	10	Pole	8																																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																																			
Black Spruce	Low	< 5 feet	Sapling																																																																			
45	6111 - Lowland Balsam Poplar	Poletimber Poor	19.1	62	1-50	N/A	Scattered aspen and balsam poplar																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Poplar</td> <td>50</td> <td>Pole/Log</td> <td>8</td> <td>62</td> </tr> <tr> <td>Balsam Fir</td> <td>1</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>44</td> <td>Log/Pole</td> <td>12</td> <td>62</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	50	Pole/Log	8	62	Balsam Fir	1	Pole	7		Black Spruce	5	Pole/Log	8		Quaking Aspen	44	Log/Pole	12	62	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Willow spp.</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	10 - 20 feet	Tall Shrub	Willow spp.	Medium	10 - 20 feet	Sapling																														
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Balsam Poplar	50	Pole/Log	8	62																																																																		
Balsam Fir	1	Pole	7																																																																			
Black Spruce	5	Pole/Log	8																																																																			
Quaking Aspen	44	Log/Pole	12	62																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																			
Tag Alder	High	10 - 20 feet	Tall Shrub																																																																			
Willow spp.	Medium	10 - 20 feet	Sapling																																																																			
46	6112 - Lowland Aspen	Sawtimber Well	62.6	71	51-80	N/A	Areas that were heavier to ash are now more open as the ash has died. There are pockets of dead spruce in the northern 3rd of this stand.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>12</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>1</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>1</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>75</td> <td>Log/Pole</td> <td>12</td> <td>71</td> </tr> <tr> <td>Balsam Fir</td> <td>1</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	12	Log/Pole	10		Balsam Poplar	10	Pole/Log	8		Black Cherry	1	Pole	7		Black/Red (Hybrid) Oak	1	Pole/Log	8		Quaking Aspen	75	Log/Pole	12	71	Balsam Fir	1	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Ash (spp.)</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Pin Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ash (spp.)	Medium	Variable	Sapling	Pin Cherry	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling	Black Spruce	Low	< 5 feet	Sapling	Tag Alder	High	10 - 20 feet	Tall Shrub	Black/Red (Hybrid) Oak	Low	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Black Spruce	12	Log/Pole	10																																																																			
Balsam Poplar	10	Pole/Log	8																																																																			
Black Cherry	1	Pole	7																																																																			
Black/Red (Hybrid) Oak	1	Pole/Log	8																																																																			
Quaking Aspen	75	Log/Pole	12	71																																																																		
Balsam Fir	1	Pole	7																																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																																			
Ash (spp.)	Medium	Variable	Sapling																																																																			
Pin Cherry	Low	Variable	Sapling																																																																			
Balsam Fir	Low	Variable	Sapling																																																																			
Black Spruce	Low	< 5 feet	Sapling																																																																			
Tag Alder	High	10 - 20 feet	Tall Shrub																																																																			
Black/Red (Hybrid) Oak	Low	Variable	Sapling																																																																			
47	6122 - Black Spruce	Sawtimber Well	8.4	61		N/A	There are some pockets of spruce mortality.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>87</td> <td>Log/Pole</td> <td>12</td> <td>61</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Pole/Log	9		Balsam Fir	3	Pole	7		Black Spruce	87	Log/Pole	12	61	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Ash</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Trace</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Trace</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Ash	Low	Variable	Sapling	Beech	Trace	< 5 feet	Sapling	Black Spruce	Low	Variable	Sapling	Black/Red (Hybrid) Oak	Trace	< 5 feet	Sapling																											
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Quaking Aspen	10	Pole/Log	9																																																																			
Balsam Fir	3	Pole	7																																																																			
Black Spruce	87	Log/Pole	12	61																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																			
White Ash	Low	Variable	Sapling																																																																			
Beech	Trace	< 5 feet	Sapling																																																																			
Black Spruce	Low	Variable	Sapling																																																																			
Black/Red (Hybrid) Oak	Trace	< 5 feet	Sapling																																																																			
48	6139 - Mixed Lowland Forest	Sawtimber Well	22.8	63	81-110	N/A																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Poplar</td> <td>20</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>30</td> <td>Log/Pole</td> <td>10</td> <td>63</td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	20	Log/Pole	10		Black Spruce	30	Log/Pole	10	63	Quaking Aspen	30	Log/Pole	12		Balsam Fir	5	Pole	7		White Pine	15	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Ash</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Black Spruce	Low	5 - 10 feet	Sapling	White Pine	Low	Variable	Sapling	White Ash	Low	< 5 feet	Sapling																	
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Balsam Poplar	20	Log/Pole	10																																																																			
Black Spruce	30	Log/Pole	10	63																																																																		
Quaking Aspen	30	Log/Pole	12																																																																			
Balsam Fir	5	Pole	7																																																																			
White Pine	15	Log/Pole	12																																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																																			
Balsam Fir	Low	Variable	Sapling																																																																			
Black Spruce	Low	5 - 10 feet	Sapling																																																																			
White Pine	Low	Variable	Sapling																																																																			
White Ash	Low	< 5 feet	Sapling																																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																								
49	42290 - Natural Mixed Pine	Sawtimber Well	4.5	74	141-170	N/A																																																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>42</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>55</td> <td>Log/Pole</td> <td>13</td> <td>74</td> </tr> <tr> <td>Quaking Aspen</td> <td>1</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	2	Log/Pole	10		White Pine	42	Log/Pole	13		Red Pine	55	Log/Pole	13	74	Quaking Aspen	1	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	< 5 feet	Sapling	White Pine	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling																																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																																																											
Black Spruce	2	Log/Pole	10																																																																																												
White Pine	42	Log/Pole	13																																																																																												
Red Pine	55	Log/Pole	13	74																																																																																											
Quaking Aspen	1	Pole	8																																																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																																																												
Black Spruce	Low	< 5 feet	Sapling																																																																																												
White Pine	Low	Variable	Sapling																																																																																												
Balsam Fir	Low	Variable	Sapling																																																																																												
50	6112 - Lowland Aspen	Sawtimber Medium	181.5	54	Unspecified	N/A	A lot of dead ash both standing and on the ground. Wet pockets that were dominated by ash are now open with tag alder and ash saplings filling in. A small creek runs through the very southwest point of the stand.																																																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Log/Pole</td> <td>10</td> <td>54</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	5	Pole/Log	8		Black Spruce	5	Pole/Log	8		Quaking Aspen	80	Log/Pole	10	54	Balsam Fir	10	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Ash (spp.)</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ash (spp.)	Low	10 - 20 feet	Sapling	Tag Alder	Medium	10 - 20 feet	Tall Shrub																																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																																											
Balsam Poplar	5	Pole/Log	8																																																																																												
Black Spruce	5	Pole/Log	8																																																																																												
Quaking Aspen	80	Log/Pole	10	54																																																																																											
Balsam Fir	10	Pole/Log	8																																																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																																																												
Ash (spp.)	Low	10 - 20 feet	Sapling																																																																																												
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																																																																												
51	42200 - Natural White Pine	Sawtimber Well	4.2	66	141-170	N/A																																																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>78</td> <td>Log/XLog/Pole</td> <td>14</td> <td>66</td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>2</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>1</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>2</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	5	Pole/Log	8		White Pine	78	Log/XLog/Pole	14	66	Red Pine	2	Log/Pole	13		Quaking Aspen	10	Pole/Log	8		Jack Pine	2	Pole/Log	8		Black/Red (Hybrid) Oak	1	Pole/Log	8		Black Spruce	2	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Sapling	Black/Red (Hybrid) Oak	Low	Variable	Sapling	Black Spruce	Low	Variable	Sapling	Red Maple	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling																												
Canopy Species	% Cover	Size Class	DBH	Age																																																																																											
Balsam Fir	5	Pole/Log	8																																																																																												
White Pine	78	Log/XLog/Pole	14	66																																																																																											
Red Pine	2	Log/Pole	13																																																																																												
Quaking Aspen	10	Pole/Log	8																																																																																												
Jack Pine	2	Pole/Log	8																																																																																												
Black/Red (Hybrid) Oak	1	Pole/Log	8																																																																																												
Black Spruce	2	Pole/Log	9																																																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																																																												
White Pine	Low	Variable	Sapling																																																																																												
Black/Red (Hybrid) Oak	Low	Variable	Sapling																																																																																												
Black Spruce	Low	Variable	Sapling																																																																																												
Red Maple	Low	Variable	Sapling																																																																																												
Balsam Fir	Low	Variable	Sapling																																																																																												
52	629 - Mixed non-forested wetland	Nonstocked	54.4			No																																																																																									
53	330 - Low-Density Trees	Nonstocked	5.5			No	White pine and balsam poplar have seeded in along with random patches of mature planted red pine around the edges.																																																																																								
54	6130 - Fir, Aspen, Maple	Sawtimber Well	113.3	61	81-110	N/A	Mix of many species. Slight elevation changes create different canopy mixes. Pockets of spruce with fire scarred stumps. There's a pocket of red pine and white pine in the southeast heal of the stand. Pockets that were dominated by ash are now dead and mostly open.																																																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>7</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>1</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>3</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>42</td> <td>Log/Pole</td> <td>10</td> <td>61</td> </tr> <tr> <td>Red Maple</td> <td>1</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>2</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>27</td> <td>Log/Pole</td> <td>10</td> <td>61</td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	2	Log/Pole	10		White Pine	7	Log/Pole	12		Black Cherry	1	Pole/Log	8		Red Pine	3	Log/Pole	11		Quaking Aspen	42	Log/Pole	10	61	Red Maple	1	Log/Pole	11		Balsam Poplar	2	Pole/Log	8		Black Spruce	27	Log/Pole	10	61	Balsam Fir	15	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Serviceberry (Juneberry)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Green Ash</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Serviceberry (Juneberry)	Low	Variable	Sapling	Red Maple	Low	5 - 10 feet	Sapling	Beech	Trace	Variable	Sapling	White Pine	Low	Variable	Sapling	Tag Alder	Low	Variable	Tall Shrub	Black Spruce	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling	Black/Red (Hybrid) Oak	Trace	Variable	Sapling	Green Ash	Low	Variable	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																																																											
Tamarack	2	Log/Pole	10																																																																																												
White Pine	7	Log/Pole	12																																																																																												
Black Cherry	1	Pole/Log	8																																																																																												
Red Pine	3	Log/Pole	11																																																																																												
Quaking Aspen	42	Log/Pole	10	61																																																																																											
Red Maple	1	Log/Pole	11																																																																																												
Balsam Poplar	2	Pole/Log	8																																																																																												
Black Spruce	27	Log/Pole	10	61																																																																																											
Balsam Fir	15	Pole/Log	8																																																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																																																												
Serviceberry (Juneberry)	Low	Variable	Sapling																																																																																												
Red Maple	Low	5 - 10 feet	Sapling																																																																																												
Beech	Trace	Variable	Sapling																																																																																												
White Pine	Low	Variable	Sapling																																																																																												
Tag Alder	Low	Variable	Tall Shrub																																																																																												
Black Spruce	Low	Variable	Sapling																																																																																												
Balsam Fir	Low	Variable	Sapling																																																																																												
Black/Red (Hybrid) Oak	Trace	Variable	Sapling																																																																																												
Green Ash	Low	Variable	Sapling																																																																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
55	310 - Herbaceous Openland	Nonstocked	22.1			No						
								Sub-Canopy Species	Density	Avg. Height	Size	
								Balsam Poplar	Trace	>20 feet	Sapling	
								Jack Pine	Low	10 - 20 feet	Sapling	
56	310 - Herbaceous Openland	Nonstocked	1.4			No						
57	629 - Mixed non-forested wetland	Nonstocked	5.3			No						
58	4319 - Mixed Upland Forest	Poletimber Well	6.2	53	81-110	N/A						
								Canopy Species	% Cover	Size Class	DBH	Age
								Balsam Fir	45	Pole/Sapling	7	
								Bigtooth Aspen	10	Log/Pole	10	
								Quaking Aspen	45	Pole/Sapling	7	53
Sub-Canopy Species	Density	Avg. Height	Size									
Balsam Fir	Medium	Variable	Sapling									
59	629 - Mixed non-forested wetland	Nonstocked	16.5			No	Looks like the stand used to be dominated by ash. The ash is all dead and a lot has fallen over. The stand is now dominated by lowland grasses.					
60	629 - Mixed non-forested wetland	Nonstocked	17.6		Immature	No	Stand used to be dominated by ash but all the ash is dead now. The stand is now dominated by tag alder with lowland grasses. There is some balsam fir and mixed deciduous trees on the edges as the stand transitions back to uplands.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Balsam Fir	15	Sapling/Pole	3	
								Green Ash	85	Pole	8	68
Sub-Canopy Species	Density	Avg. Height	Size									
Tag Alder	Full	Variable	Tall Shrub									
61	4130 - Aspen	Poletimber Well	9.0	38	Unspecified	N/A						
								Canopy Species	% Cover	Size Class	DBH	Age
								Black Spruce	3	Log/Pole	10	
								Quaking Aspen	90	Pole/Sapling	6	38
								Black/Red (Hybrid) Oak	2	Pole/Log	8	
								Balsam Fir	2	Pole	7	
								Black Cherry	2	Pole/Sapling	5	
								Red Pine	1	Pole/Log	8	
Sub-Canopy Species	Density	Avg. Height	Size									
Red Pine	Trace	Variable	Sapling									
Black Cherry	Low	Variable	Sapling									
Black/Red (Hybrid) Oak	Low	Variable	Sapling									
Balsam Fir	Low	Variable	Sapling									
62	3105 - Mixed Upland Herbaceous	Nonstocked	4.6			No						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

63 6112 - Lowland Aspen Poletimber Well 33.6 40 N/A Scattered alder understory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	5	Pole/Log	8		Black Spruce	Low	Variable	Sapling
Bigtooth Aspen	10	Pole/Log	9		Balsam Fir	Low	>20 feet	Pole
Quaking Aspen	75	Pole/Log	8	40	Balsam Fir	Low	Variable	Sapling
Balsam Fir	10	Pole	7		Tag Alder	Low	10 - 20 feet	Tall Shrub

64 310 - Herbaceous Openland Nonstocked 3.3 No

65 6112 - Lowland Aspen Poletimber Well 18.5 53 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	90	Pole/Log	9	53	Ash (spp.)	High	10 - 20 feet	Sapling
Balsam Fir	8	Pole	7		Tag Alder	Low	10 - 20 feet	Tall Shrub
Black Spruce	2	Pole	7		Balsam Fir	Low	Variable	Sapling
					Balsam Fir	Low	>20 feet	Pole

66 629 - Mixed non-forested wetland Nonstocked 57.0 Immature No This was a log sized ash stand but all ash is dead and most has fallen. The stand is dominated by lowland grasses with patches of tag alder now. There are single red maple, quaking aspen, elm, and balsam fir scattered about. There is also a patch of log sized quaking aspen on the south end by the road.

67 6120 - Lowland Cedar Sawtimber Medium 124.8 153 N/A A small creek runs through the NE part of the stand. Lots of blowdown.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	7		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Black Spruce	10	Pole/Log/XLog	8		Black Spruce	Low	Variable	Sapling
Paper Birch	5	Pole	7		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	80	Log/Pole	11	153	Ash (spp.)	Low	5 - 10 feet	Sapling

68 629 - Mixed non-forested wetland Nonstocked 14.0 0 No Tag alder with lowland grasses underneath. Two open pockets of marsh grasses and cattails. a small creek runs through the stand.

69 4136 - Aspen, Mixed Conifer Poletimber Well 36.0 63 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	1	Log/Pole	12		Black Spruce	Low	< 5 feet	Sapling
Balsam Fir	10	Pole/Log	8		Balsam Fir	Medium	Variable	Sapling
Black Spruce	5	Pole/Log	8		Red Maple	Medium	Variable	Sapling
Black Cherry	3	Log/Pole	12					
Quaking Aspen	76	Pole/Log	8	63				
White Pine	5	XLog/Log/Pole	18					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

70	4319 - Mixed Upland Forest	Sawtimber Well	5.7	56	81-110	N/A	Small upland ridge surrounded by lowlands.
-----------	----------------------------	----------------	-----	----	--------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	15	Log/Pole	13	
Paper Birch	1	Pole	7	
Quaking Aspen	5	Pole	7	
Red Maple	30	Log/XLog/Pole	13	
Black/Red (Hybrid) Oak	7	Log/Pole	12	
Black Cherry	2	Log/Pole	12	
Balsam Fir	40	Pole/Log	8	56

71	4130 - Aspen	Poletimber Well	42.3	43	Unspecified	N/A	
-----------	--------------	-----------------	------	----	-------------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	10	Pole	7	
Red Maple	1	Pole/Log/Sap	7	
Bigtooth Aspen	70	Pole/Log	8	43
White Pine	15	Log/XLog	16	
Red Pine	3	Log/Pole	12	
Black Spruce	1	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	>20 feet	Sapling
Beech	Trace	Variable	Sapling
Black Spruce	Low	Variable	Sapling
Balsam Fir	Low	Variable	Sapling

72	4130 - Aspen	Poletimber Well	19.1	53		N/A	
-----------	--------------	-----------------	------	----	--	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	8	Pole/Log	8	
White Pine	7	Log/Pole	12	
Red Pine	1	Pole	6	
Black Cherry	1	Pole/Sapling	5	
Bigtooth Aspen	73	Pole/Log/Sap	8	53
Quaking Aspen	10	Pole	7	53

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	5 - 10 feet	Sapling
White Pine	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling

73	6130 - Fir, Aspen, Maple	Poletimber Well	21.3	68	81-110	N/A	There are some lower swales that go north and south throughout, but overall the stand looks operable.
-----------	--------------------------	-----------------	------	----	--------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	41	Pole/Sap/Log	7	68
Quaking Aspen	40	Pole/Log	9	
Black Cherry	1	Sapling/Pole	4	
Bigtooth Aspen	5	Pole/Log	9	
White Pine	3	Log/Pole	12	
Red Maple	1	Log	12	
Black Spruce	7	Pole/Log	8	
White Pine	2	XLog	32	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Sapling

74	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	13.1	83		N/A	Looked across river and saw a mixed stand of balsam fir, aspen, and cedar.
-----------	--	-----------------	------	----	--	-----	--



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

75 6124 - Lowland Spruce-Fir Poletimber Well 46.1 153 N/A Scattered large 20+ dbh spruce.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	35	Log/Pole	11	153	Balsam Fir	Medium	Variable	Sapling
Tamarack	2	Log	13		Tag Alder	Low	10 - 20 feet	Tall Shrub
Quaking Aspen	1	Pole	8		Black Spruce	Low	< 5 feet	Sapling
Red Maple	1	Pole	7					
Paper Birch	5	Pole	7					
Balsam Fir	28	Pole	7					
Black Spruce	28	Pole/Log/XLog	9					

76 4130 - Aspen Sapling Well 17.3 10 Immature N/A Cut winter 2014 under sale # 71-013-012-01. At low end of canopy coverage.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	95	Sapling	2	10
Red Maple	1	Log	12	
Red Oak	1	Log	15	
Red Maple	2	Sapling	1	10
White Pine	1	Log/XLog	16	

77 4130 - Aspen Sapling Well 121.6 10 Immature N/A Cut fall 2013 into winter 2014 under sale # 71-013-012-01.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	1	Pole/Sap/Log	7		Tag Alder	Low	10 - 20 feet	Tall Shrub
Pin Cherry	5	Sapling	1	10				
Black Cherry	1	Log/Pole	10					
Balsam Fir	1	Pole/Sap/Log	7					
Quaking Aspen	2	Log	13					
Balsam Poplar	1	Sapling	2	10				
Quaking Aspen	89	Sapling	2	10				

78 4319 - Mixed Upland Forest Poletimber Well 25.5 58 111-140 N/A This stand was left out of the previous harvested area. There a few low spots but it is overall high ground amd harvestable.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	5	Pole/Log	8		Autumn Olive	Trace	5 - 10 feet	Tall Shrub
Black Spruce	5	Pole/Sap/Log	7		Balsam Fir	Medium	Variable	Sapling
Balsam Fir	40	Pole/Sap/Log	7	73	Tag Alder	Low	10 - 20 feet	Tall Shrub
Quaking Aspen	50	Log/Pole	11	58				

79 6220 - Alder/willow Nonstocked 9.5 No Lowland grasses with tag alder and clumps of balsam poplar. Some quaking aspen and balsam fir where it transitions to higher ground.

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	Medium	>20 feet	Pole
Tag Alder	Full	10 - 20 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

80	629 - Mixed non-forested wetland	Nonstocked	88.7		Unspecified	No	Some trees species starting to seed in, and some areas are forested with a mix of lowland conifer and deciduous, but overall less than 25% canopy coverage so not forested.
----	----------------------------------	------------	------	--	-------------	----	---

81	4319 - Mixed Upland Forest	Sawtimber Well	21.1	83	111-140	N/A	Numerous low swales of lowland grasses and tag alder.
----	----------------------------	----------------	------	----	---------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Beech	1	Pole/Log	8		Beech	Low	10 - 20 feet	Sapling
Black Cherry	1	Pole/Log	8		Tag Alder	Low	10 - 20 feet	Tall Shrub
Quaking Aspen	35	Log/Pole	13		Balsam Fir	Medium	Variable	Sapling
Bigtooth Aspen	10	Log/Pole	12					
Red Maple	5	Log/Pole	12					
Balsam Fir	46	Pole/Sap/Log	7	83				
White Pine	2	Log/Pole/XLog	13					

82	6124 - Lowland Spruce-Fir	Poletimber Well	12.2	83	111-140	N/A	
----	---------------------------	-----------------	------	----	---------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	3	Pole/Log	8		Tag Alder	Low	10 - 20 feet	Tall Shrub
Northern White Cedar	4	Log/Pole	11		Black Spruce	High	Variable	Sapling
Balsam Fir	45	Pole/Log	8	83				
Quaking Aspen	5	Log	12					
Red Maple	31	Log/Pole/XLog	10					
Black Spruce	10	Pole/Log	8					
Tamarack	2	Log	14					

83	4112 - Maple, Beech, Cherry Association	Sawtimber Well	14.9	63	81-110	N/A	
----	---	----------------	------	----	--------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	91	Log/Pole	12	63	Red Maple	Medium	>20 feet	Sapling
Bigtooth Aspen	2	Pole/Log/XLog	9		Balsam Fir	Medium	10 - 20 feet	Sapling
Paper Birch	2	Pole/Log	8		Beech	Low	10 - 20 feet	Sapling
Northern White Cedar	1	Log/Pole	12					
Balsam Fir	3	Pole/Log	8					
White Pine	1	XLog/Log/Pole	18					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
84	4311 - Pine, Aspen Mix	Sawtimber Well	24.9	70	81-110	N/A																																																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Red Pine</td><td>5</td><td>Log/Pole/XLog</td><td>15</td><td></td></tr> <tr><td>White Pine</td><td>25</td><td>Log/XLog/Pole</td><td>14</td><td></td></tr> <tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Balsam Fir</td><td>8</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Tamarack</td><td>1</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Quaking Aspen</td><td>20</td><td>Log</td><td>12</td><td></td></tr> <tr><td>Northern White Cedar</td><td>8</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Bigtooth Aspen</td><td>25</td><td>Log/Pole</td><td>13</td><td>70</td></tr> <tr><td>Paper Birch</td><td>3</td><td>Pole/Log</td><td>8</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5	Log/Pole/XLog	15		White Pine	25	Log/XLog/Pole	14		Red Maple	5	Log/Pole	12		Balsam Fir	8	Pole/Log	8		Tamarack	1	Log/Pole	10		Quaking Aspen	20	Log	12		Northern White Cedar	8	Log/Pole	12		Bigtooth Aspen	25	Log/Pole	13	70	Paper Birch	3	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Tag Alder</td><td>Low</td><td>10 - 20 feet</td><td>Tall Shrub</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Tag Alder	Low	10 - 20 feet	Tall Shrub						
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Red Pine	5	Log/Pole/XLog	15																																																																				
White Pine	25	Log/XLog/Pole	14																																																																				
Red Maple	5	Log/Pole	12																																																																				
Balsam Fir	8	Pole/Log	8																																																																				
Tamarack	1	Log/Pole	10																																																																				
Quaking Aspen	20	Log	12																																																																				
Northern White Cedar	8	Log/Pole	12																																																																				
Bigtooth Aspen	25	Log/Pole	13	70																																																																			
Paper Birch	3	Pole/Log	8																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Balsam Fir	Medium	Variable	Sapling																																																																				
Tag Alder	Low	10 - 20 feet	Tall Shrub																																																																				
85	6124 - Lowland Spruce-Fir	Poletimber Medium	19.2	46	51-80	N/A	Difficult to distinguish understory from overstory, trees of all heights.																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Balsam Poplar</td><td>33</td><td>Pole/Sapling</td><td>6</td><td></td></tr> <tr><td>Black Spruce</td><td>25</td><td>Pole/Sapling</td><td>6</td><td></td></tr> <tr><td>Paper Birch</td><td>2</td><td>Sapling/Pole</td><td>4</td><td></td></tr> <tr><td>Balsam Fir</td><td>40</td><td>Pole/Sapling</td><td>6</td><td>46</td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	33	Pole/Sapling	6		Black Spruce	25	Pole/Sapling	6		Paper Birch	2	Sapling/Pole	4		Balsam Fir	40	Pole/Sapling	6	46	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Poplar</td><td>Low</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Tag Alder</td><td>Medium</td><td>10 - 20 feet</td><td>Tall Shrub</td></tr> <tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Poplar	Low	5 - 10 feet	Sapling	Tag Alder	Medium	10 - 20 feet	Tall Shrub	Balsam Fir	Medium	Variable	Sapling																											
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Balsam Poplar	33	Pole/Sapling	6																																																																				
Black Spruce	25	Pole/Sapling	6																																																																				
Paper Birch	2	Sapling/Pole	4																																																																				
Balsam Fir	40	Pole/Sapling	6	46																																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Balsam Poplar	Low	5 - 10 feet	Sapling																																																																				
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																																																				
Balsam Fir	Medium	Variable	Sapling																																																																				
86	4130 - Aspen	Poletimber Well	9.1	69	111-140	N/A	Upland ridge of bigtooth aspen with balsam fir. Slopes down and transitions into lowland on the west side. Trace amounts of beech, basswood, red oak, and red pine.																																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Bigtooth Aspen</td><td>76</td><td>Pole/Log</td><td>9</td><td>69</td></tr> <tr><td>White Pine</td><td>2</td><td>Log/Pole</td><td>12</td><td></td></tr> <tr><td>Northern White Cedar</td><td>2</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>Black Spruce</td><td>1</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Quaking Aspen</td><td>2</td><td>Log</td><td>15</td><td></td></tr> <tr><td>Balsam Fir</td><td>10</td><td>Pole</td><td>7</td><td></td></tr> <tr><td>Paper Birch</td><td>2</td><td>Pole/Log</td><td>8</td><td></td></tr> <tr><td>Red Maple</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	76	Pole/Log	9	69	White Pine	2	Log/Pole	12		Northern White Cedar	2	Log/Pole	10		Black Spruce	1	Pole	7		Quaking Aspen	2	Log	15		Balsam Fir	10	Pole	7		Paper Birch	2	Pole/Log	8		Red Maple	5	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Balsam Fir</td><td>Medium</td><td>>20 feet</td><td>Sapling</td></tr> <tr><td>Balsam Fir</td><td>Low</td><td>>20 feet</td><td>Pole</td></tr> <tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>Sapling</td></tr> <tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	>20 feet	Sapling	Balsam Fir	Low	>20 feet	Pole	Red Maple	Low	10 - 20 feet	Sapling	Black Spruce	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																																			
Bigtooth Aspen	76	Pole/Log	9	69																																																																			
White Pine	2	Log/Pole	12																																																																				
Northern White Cedar	2	Log/Pole	10																																																																				
Black Spruce	1	Pole	7																																																																				
Quaking Aspen	2	Log	15																																																																				
Balsam Fir	10	Pole	7																																																																				
Paper Birch	2	Pole/Log	8																																																																				
Red Maple	5	Log/Pole	12																																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																																				
Balsam Fir	Medium	>20 feet	Sapling																																																																				
Balsam Fir	Low	>20 feet	Pole																																																																				
Red Maple	Low	10 - 20 feet	Sapling																																																																				
Black Spruce	Low	Variable	Sapling																																																																				
87	4130 - Aspen	Sawtimber Well	21.2	73	51-80	N/A																																																																	
88	310 - Herbaceous Openland	Nonstocked	2.3		Unspecified	No																																																																	
89	310 - Herbaceous Openland	Nonstocked	2.3		Unspecified	No																																																																	
90	6123 - Lowland Fir	Poletimber Well	5.3	63	Unspecified	N/A																																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																					
91	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	10.4	53	Unspecified	N/A																																																																						
92	6120 - Lowland Cedar	Sawtimber Medium	6.4	153	Unspecified	N/A	Lots of blowdown.																																																																					
93	6120 - Lowland Cedar	Poletimber Well	187.2	133	Unspecified	N/A																																																																						
94	4199 - Other Mixed Upland Deciduous	Sawtimber Well	58.9	66	141-170	N/A																																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>1</td> <td>Log/XLog</td> <td>15</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>33</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>55</td> <td>Log/Pole</td> <td>13</td> <td>66</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>1</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>1</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>4</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>3</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1	Log/XLog	15		Quaking Aspen	33	Pole/Log	8		Red Maple	55	Log/Pole	13	66	Paper Birch	2	Pole/Log	8		Black/Red (Hybrid) Oak	1	Log/Pole	13		Black Spruce	1	Log	14		Balsam Fir	4	Pole/Log	8		Black Cherry	3	Log/Pole	13		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	10 - 20 feet	Tall Shrub	Red Maple	Medium	>20 feet	Sapling	Beech	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling	Black Spruce	Low	Variable	Sapling	Red Maple	Low	>20 feet	Pole
Canopy Species	% Cover	Size Class	DBH	Age																																																																								
White Pine	1	Log/XLog	15																																																																									
Quaking Aspen	33	Pole/Log	8																																																																									
Red Maple	55	Log/Pole	13	66																																																																								
Paper Birch	2	Pole/Log	8																																																																									
Black/Red (Hybrid) Oak	1	Log/Pole	13																																																																									
Black Spruce	1	Log	14																																																																									
Balsam Fir	4	Pole/Log	8																																																																									
Black Cherry	3	Log/Pole	13																																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																																									
Tag Alder	Low	10 - 20 feet	Tall Shrub																																																																									
Red Maple	Medium	>20 feet	Sapling																																																																									
Beech	Low	Variable	Sapling																																																																									
Balsam Fir	Low	Variable	Sapling																																																																									
Black Spruce	Low	Variable	Sapling																																																																									
Red Maple	Low	>20 feet	Pole																																																																									
95	122 - Road/Parking Lot	Nonstocked	4.9	0		No																																																																						
96	6220 - Alder/willow	Nonstocked	2.1			No	Tag alder with lowland grasses.																																																																					
97	629 - Mixed non-forested wetland	Nonstocked	20.9		Immature	No	Used to be dominated by ash but now all the ashes dead. There are scattered mixed lowland species especially on the north end.																																																																					
98	6124 - Lowland Spruce-Fir	Sawtimber Well	41.5	70	111-140	N/A																																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>American Elm</td> <td>1</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>1</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>30</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>25</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Log/Pole</td> <td>13</td> <td>70</td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Log/XLog</td> <td>17</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	American Elm	1	Log	15		Paper Birch	1	Pole/Log	8		Balsam Fir	30	Pole/Log	9		Black Spruce	25	Pole/Log	9		Northern White Cedar	10	Log/Pole	13		Quaking Aspen	30	Log/Pole	13	70	White Pine	3	Log/XLog	17		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling																									
Canopy Species	% Cover	Size Class	DBH	Age																																																																								
American Elm	1	Log	15																																																																									
Paper Birch	1	Pole/Log	8																																																																									
Balsam Fir	30	Pole/Log	9																																																																									
Black Spruce	25	Pole/Log	9																																																																									
Northern White Cedar	10	Log/Pole	13																																																																									
Quaking Aspen	30	Log/Pole	13	70																																																																								
White Pine	3	Log/XLog	17																																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																																									
Balsam Fir	High	Variable	Sapling																																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

99	4124 - Red with White Oak	Sawtimber Well	1.6	93	111-140	N/A	Heavy balsam fir understory in N. part of stand, scattered through the rest. Multiple trespasses possible.
-----------	---------------------------	----------------	-----	----	---------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	10	Log	13		Balsam Fir	High	10 - 20 feet	Sapling
Red Maple	3	Pole	7					
White Oak	22	Log/Pole	13					
White Ash	5	Log	13					
Red Oak	55	Log/Pole	16	93				
Paper Birch	2	Pole	7					
Red Pine	3	Log	15					

100	500 - Water	Nonstocked	9.3			No	
------------	-------------	------------	-----	--	--	----	--

101	500 - Water	Nonstocked	6.1			No	
------------	-------------	------------	-----	--	--	----	--

102	629 - Mixed non-forested wetland	Nonstocked	19.3			No	
------------	----------------------------------	------------	------	--	--	----	--

103	6229 - Mixed lowland shrub	Nonstocked	4.5			No	Public foot access to the lake. Mostly lowland shrub with some mixed deciduous trees on the upland edges.
------------	----------------------------	------------	-----	--	--	----	---

104	122 - Road/Parking Lot	Nonstocked	2.1	0		No	
------------	------------------------	------------	-----	---	--	----	--

105	42220 - Natural Jack Pine	Poletimber Well	7.9	55	81-110	N/A	Oldest trees are about 55 years old, but Some have seeded in later and are younger.
------------	---------------------------	-----------------	-----	----	--------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	2	Log/Pole	10		Red Maple	Low	< 5 feet	Sapling
Black Spruce	1	Log/Pole	12		Beech	Trace	< 5 feet	Sapling
Jack Pine	96	Pole/Sap/Log	7	55	Balsam Fir	Low	Variable	Sapling
Red Pine	1	Pole/Log	8		Black Spruce	Low	Variable	Sapling
					Cherry (spp.)	Low	Variable	Sapling

106	4130 - Aspen	Poletimber Well	3.1	53		N/A	Small island hill surrounded by lowlands.
------------	--------------	-----------------	-----	----	--	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	25	Pole/Log	8		White Ash	Low	Variable	Sapling
Paper Birch	5	Pole	7		Autumn Olive	High	5 - 10 feet	Tall Shrub
Bigtooth Aspen	70	Pole/Log	8	53	White Oak	Low	Variable	Sapling
					Serviceberry (Juneberry)	Low	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

107 4134 - Aspen, Spruce/Fir Sawtimber Well 22.0 62 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole	7		Black Spruce	Low	Variable	Sapling
Black/Red (Hybrid) Oak	1	Log/Pole	10		Balsam Fir	Low	Variable	Sapling
Quaking Aspen	39	Log/Pole	12	62				
Black Spruce	10	Pole/Log	8					
Bigtooth Aspen	40	Log/Pole	12	62				

108 42200 - Natural White Pine Sawtimber Well 14.5 68 141-170 N/A Nice pine site aspen is scattered and is being overtopped.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	8	Log/Pole	13		Black Spruce	Low	Variable	Sapling
Black Spruce	1	Log/Pole	10		Beech	Trace	< 5 feet	Sapling
Bigtooth Aspen	10	Pole/Log	9		Balsam Fir	Low	Variable	Sapling
White Pine	71	Log/Pole	12	68	Black/Red (Hybrid) Oak	Trace	Variable	Sapling
Quaking Aspen	10	Pole/Log	8		White Pine	Low	Variable	Sapling

109 4311 - Pine, Aspen Mix Poletimber Well 17.0 68 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	25	Log/Pole	12	68	Balsam Fir	Low	Variable	Sapling
Black Spruce	20	Pole/Log	9		White Pine	Low	Variable	Sapling
Quaking Aspen	55	Pole/Log	8	68	Black Spruce	Low	Variable	Sapling
					Black/Red (Hybrid) Oak	Trace	Variable	Sapling