



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32246

Entry Year 2022

Acreage: 804

County Marquette

Management Area: Michigamme Reservoir

Revision Date: 2020-07-23

Stand Examiner: Rick Hill

Legal Description:

T45N R29W Sec. 30; T45N R30W Sec's 26, 31, 32, 34, 36

Identified Planning Goals:

Vegetative management in the Michigamme Reservoir management area will provide a variety of forest products; maintain or enhance wildlife habitat; protect areas with unique characteristics; and provide for forest based recreational uses. Timber management objectives for the 10-year planning period include improving the age-class distribution of aspen; maintaining the conifer component in northern hardwood stands; maintaining the presence of minor cover types on the landscape; and maintaining non-forest vegetation types.

Soil and topography:

The majority of the soils fall into the Goodman-Sundog-Greenwood Association with a minor amount being in the Sagola-Rubicon Association. These soils are very deep, excessively to very well drained loamy to sandy soils to very poorly drained peats in the low lying areas (Greenwood soils). Minor soil types include Keewaydin, Wabeno, and Pelissier in the uplands and Cathro, Tawas, Witbeck, and Carbondale in the depressions and drainages. These soils are generally conducive to woodland management. Management concerns are erosion hazards, equipment limitations, seedling mortality and plant competition. Topography ranges from generally level to very hilly.

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

Ownership in this area is a combination of State, private industrial, and private non-industrial land owners. This area of the management unit has several scattered lakes which have been developed with primarily recreational camps and homes and some permanent residences. The Michigamme River also has both recreational and permanent residences along it. The private industrial land is enrolled in the CFA program and managed for timber. There is some farming, predominantly potato, in this area as well.

Unique Natural Features:

None known

Archeological, Historical, and Cultural Features:

None known

Special Management Designations or Considerations:

There are several riparian areas of inland lakes and the Michigamme River within the compartment.

Watershed and Fisheries Considerations:

This compartment contains many waterbodies-Michigamme River, Just Lake (Designate Trout Lake), Witch Lake, Witch Lake outlet (cold transitional stream), Harris Lake, unnamed pond draining to Squaw Creek, Lotto Lake and unnamed ponds south of Lotto Lake. A 100' buffer, plus 5' per 1% increase in slope around lakes and vernal pool areas is recommended.

Wildlife Habitat Considerations:

Compartment 246 is found within the Michigamme Reservoir Management Area on a Disintegration Moraine. The dominant Natural Communities are mesic northern forests and poor conifer swamps. The management area provides multiple benefits to the public including forest products, dispersed recreational activities, and habitat for fish and wildlife species. Because of the amount of recreational use in this area, it is a priority to continue to provide multiple benefits in a sustainable manner while minimizing user conflicts.

Some of the most significant wildlife management issues in the management area are: deer wintering complex; mast (hard and soft); habitat fragmentation; course woody debris; early successional forest; mature forest; and retention or development of large living and dead standing trees (for cavities and nest trees for eagles and ospreys).

The following have been identified as featured species for the Michigamme Reservoir Management Area: black bear, pileated woodpecker, Northern goshawk, ruffed grouse, and white-tailed deer.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of coarse-textured glacial till, an end moraine of coarse-textured till and a minor amount of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 10 and 50 feet. The Precambrian Michigamme Formation and Archean Granite/Gneiss subcrop below the glacial drift. Some of the Granite/Gneiss might be used for dimension stone. A rock (?) quarry is indicated on the topo seven miles to the east. Gravel pits are located to the south of the compartment, and potential appears to be good. The Compartment was previously leased for metallic exploration. There is no economic oil and gas production in the UP.

Vehicle Access:

There is adequate vehicle access to the entire compartment via woods roads. An easement exists for access to the west-half of section 34.

Survey Needs:

Any needed surveys will be requested after compartment review.

Recreational Facilities and Opportunities:

A Department maintained access site to Witch Lake is located in section 25. No other facilities exist at this time. There is potential for campground development along the Michigamme River.

Fire Protection:

This compartment has a moderate fire risk, with some moderately difficult access. response times are moderately long giving fires time to grow in this area.

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**

Report 1 – Total Acres by Cover Type and Age Class

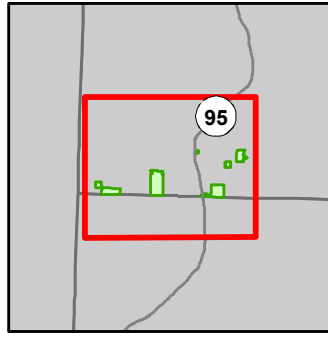


Age Class

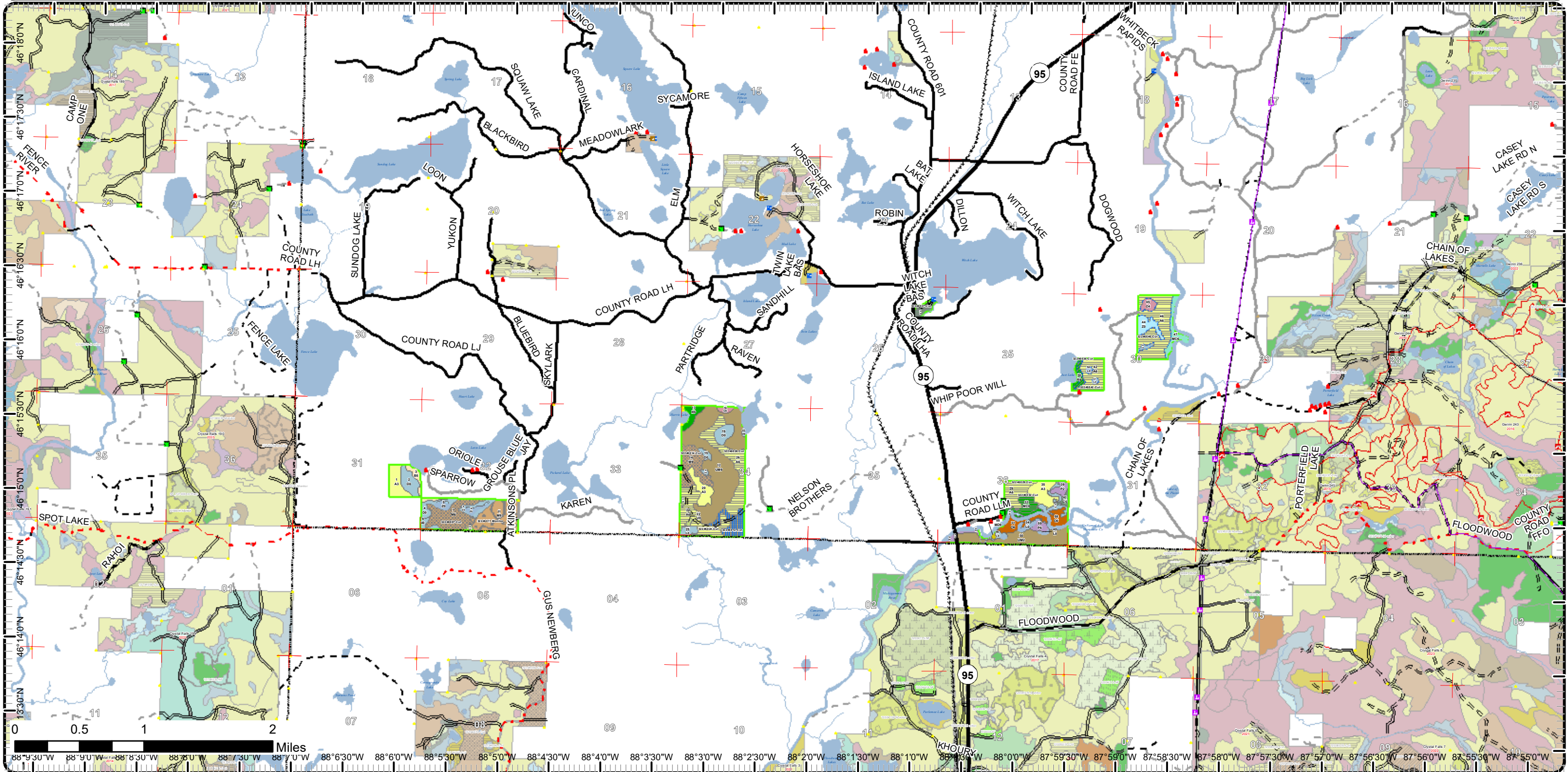
| | Non-Forest | 0-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 100-109 | 110-119 | 120-129 | 130-139 | 140-149 | 150+ | Uneven-Aged | Total |
|-----------------------------|------------|-----------|-----------|-----------|----------|------------|-----------|-----------|----------|----------|-----------|------------|-----------|----------|-----------|----------|----------|-------------|------------|
| Aspen | 0 | 20 | 15 | 17 | 0 | 170 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 244 |
| Bog | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Cedar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Lowland Aspen/Balsam Poplar | 0 | 6 | 0 | 0 | 0 | 6 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Lowland Shrub | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| Mixed Upland Deciduous | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Natural Mixed Pines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86 | 0 | 0 | 0 | 0 | 0 | 32 | 118 |
| Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 14 | 0 | 0 | 0 | 0 | 0 | 25 |
| Paper Birch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 8 | 0 | 0 | 0 | 18 |
| Treed Bog | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| Upland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 16 |
| Upland Mixed Forest | 0 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 146 | 0 | 0 | 0 | 0 | 0 | 0 | 193 |
| Upland Shrub | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Upland Spruce/Fir | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Urban | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Water | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| Total | 121 | 73 | 15 | 17 | 0 | 176 | 31 | 26 | 0 | 9 | 10 | 247 | 24 | 0 | 24 | 0 | 0 | 32 | 802 |

Overview Map

Compartment: 246
 T45N,R30W, Sec.
 26,31,32,34,36,
 T45N,R29W, Sec. 30
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Michigamme
 Reservoir
 YOE: 2022
 Acres: 803.8 GIS Calculated
 Examiner: Rick Hill
 Map Revised: 3/5/2021
 Map Phase: Post-Review

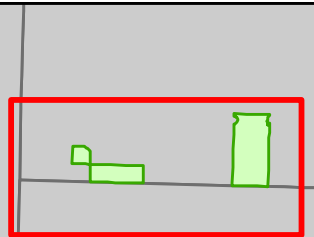


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State - Paved Road
- - - Federal / State - Dirt / Gravel Road
- . - . County - Gravel Road
- Private - Paved Road
- - - Private - Dirt / Gravel Road
- ✕ - Abandoned Railroads
- 🏍️ Motorcycle Trails (DNR License)
- 🛷 Snowmobile Trails
- 🚗 ORV License & Trail Permit
- 🏠 Cabin
- 🚪 Gate
- 🚤 Boating Access Site
- 🏕️ Campground
- 🛑 Sign
- 🌊 Intermittent Stream
- 🌊 Lake/Pond
- 🌊 Perennial River
- 🌊 Swamp
- 🌊 Lakes and Rivers
- ⚡ Powerline
- 📏 Compartment Boundary
- 📏 Selection (Group, Single Tree)
- 📏 Clearcut (w/Reserves)
- 📏 Seed Tree (w/Reserves)
- 📏 Thinning (Crown, Low, Systematic)
- 📏 Regeneration Survey
- 📏 411 - Northern Hardwood
- 📏 412 - Oak Types
- 📏 413 - Aspen
- 📏 414 - Other Upland Deciduous
- 📏 419 - Mixed Upland Deciduous
- 📏 422 - Natural Pines
- 📏 423 - Other Upland Conifers
- 📏 429 - Mixed Upland Conifers
- 📏 430 - Upland Mixed Forest
- 📏 611 - Lowland Deciduous Forest
- 📏 612 - Lowland Coniferous Forest
- 📏 122 - Roads/Parking Lot
- 📏 320 - Upland Shrub
- 📏 500 - Water
- 📏 622 - Lowland Shrub

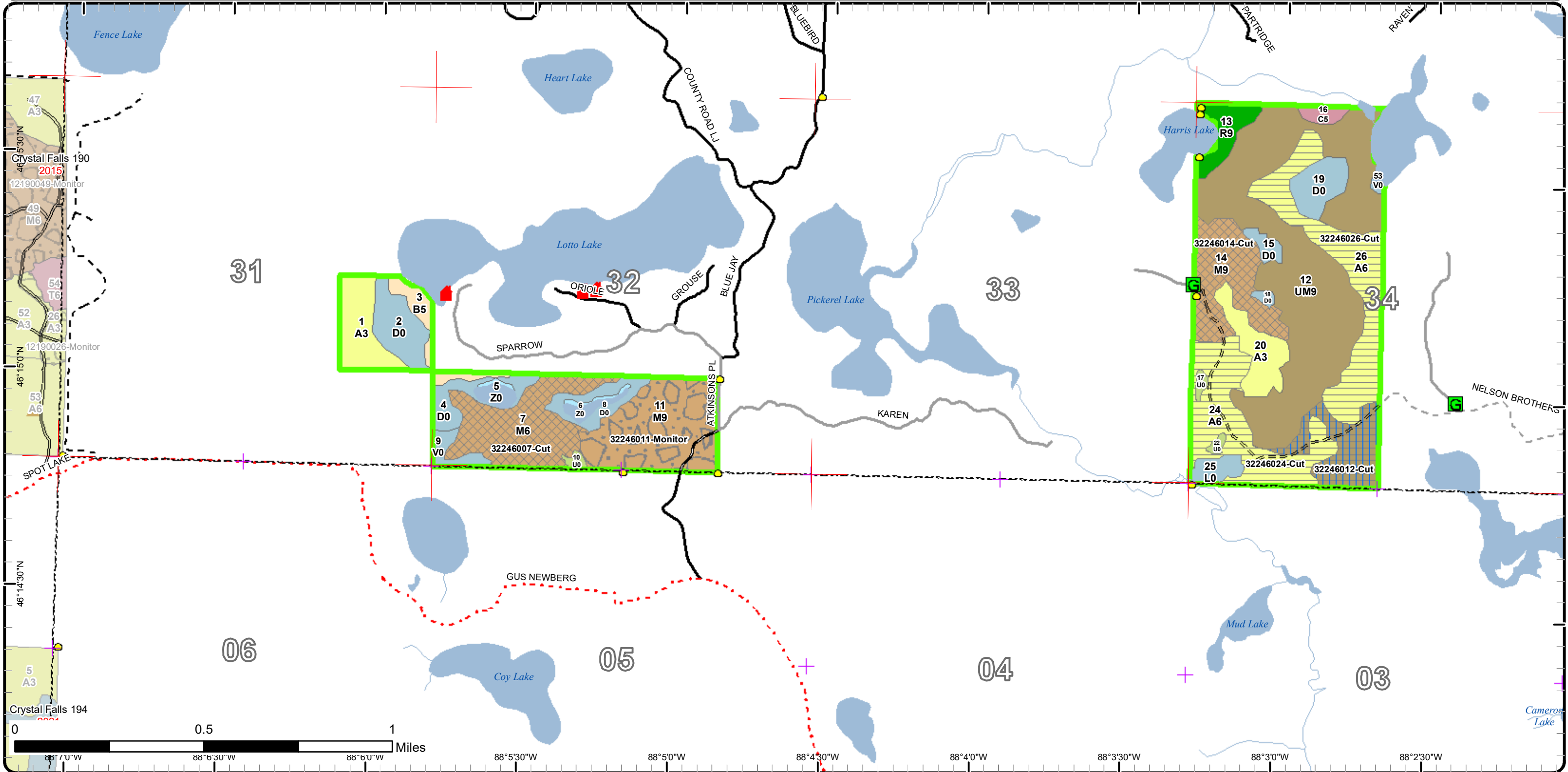


Cover Type & Treatments Map

Compartment: 246
 T45N,R30W, Sec. 26,31,32,34,36,
 T45N,R29W, Sec. 30
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Michigamme
 Reservoir
 YOE: 2022
 Acres: 803.8 GIS Calculated
 Examiner: Rick Hill
 Map Revised: 3/5/2021
 Map Phase: Post-Review

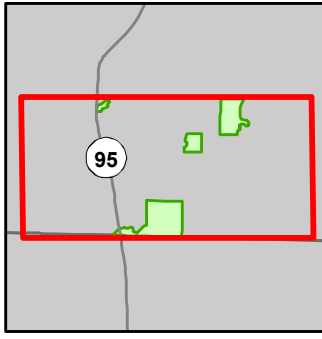


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Cabin
- Berms
- Gate
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub

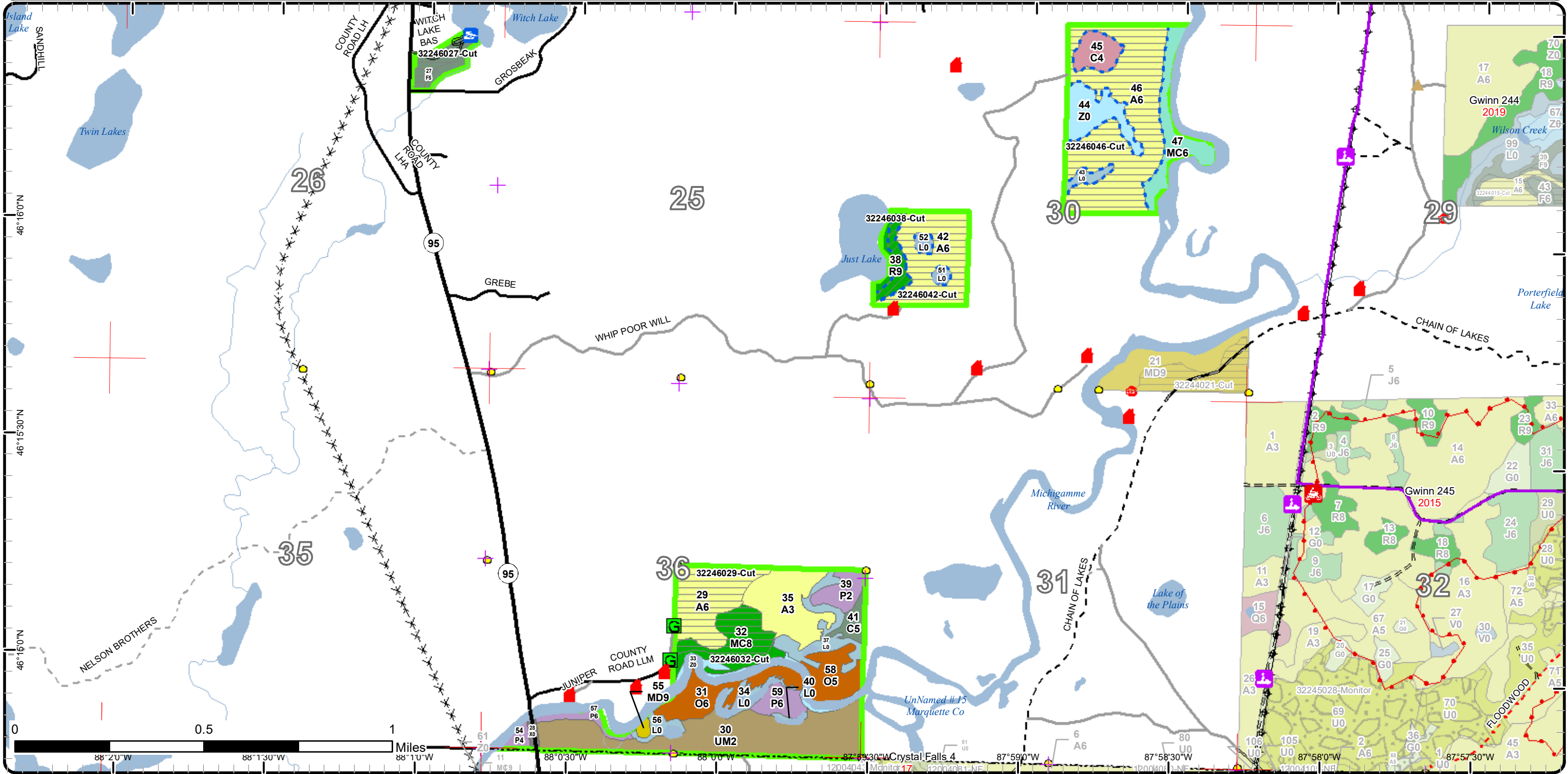


Cover Type & Treatments Map

Compartment: 246
 T45N,R30W, Sec.
 26,31,32,34,36,
 T45N,R29W, Sec. 30
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Michigamme
 Reservoir
 YOE: 2022
 Acres: 803.8 GIS Calculated
 Examiner: Rick Hill
 Map Revised: 3/5/2021
 Map Phase: Post-Review

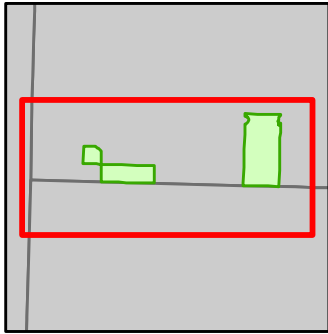


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Abandoned Railroads
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated Snowmobile Trails
- Cabin
- Berms
- Gate
- Boating Access Site
- Sign
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 500 - Water
- 622 - Lowland Shrub

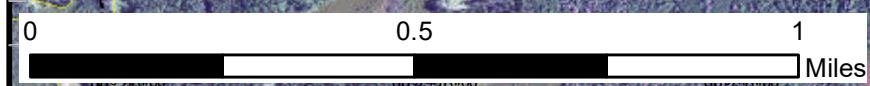
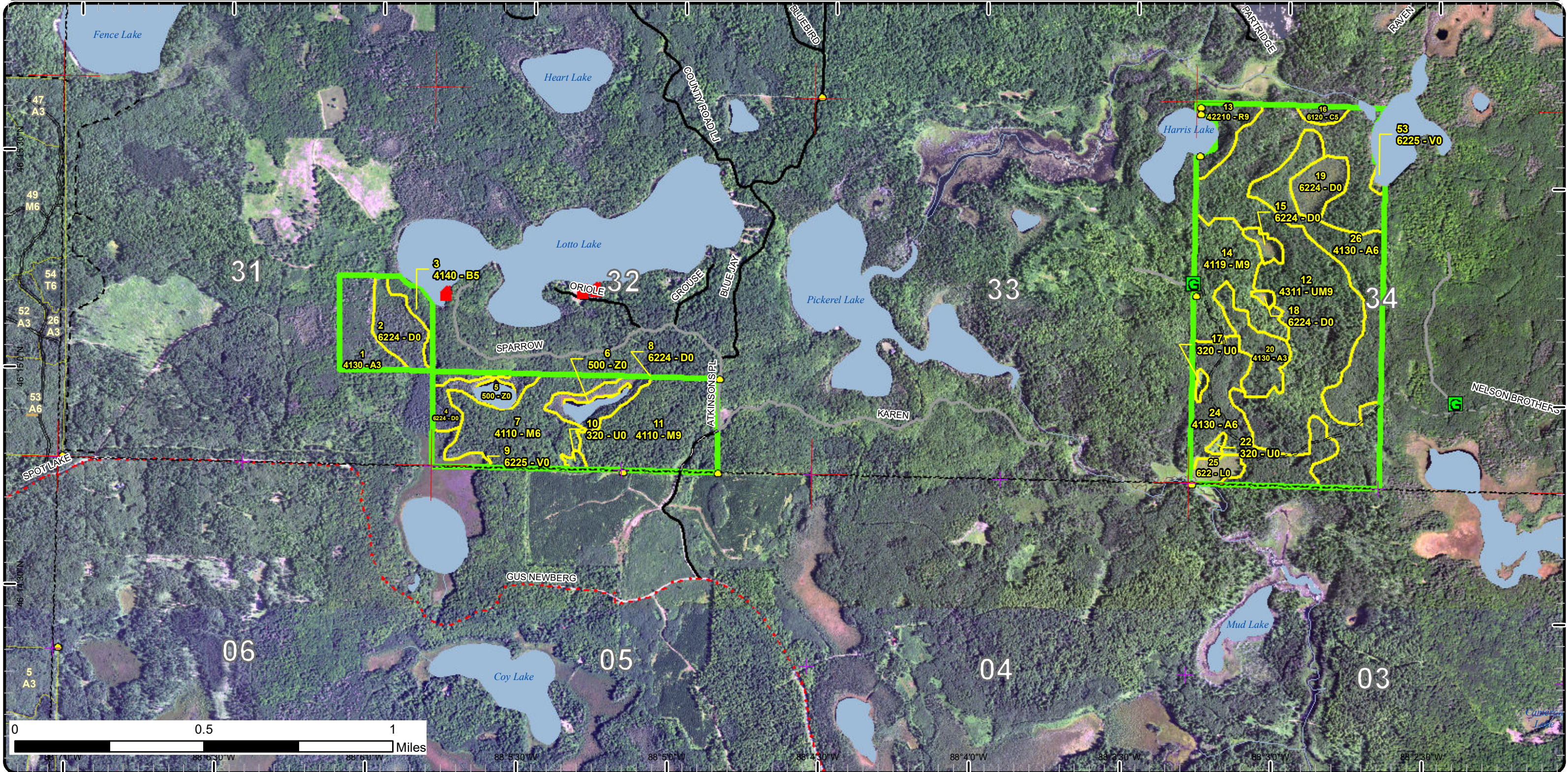


Stand Boundary Map

Compartment: 246
 T45N,R30W, Sec.
 26,31,32,34,36,
 T45N,R29W, Sec. 30
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Michigamme
 Reservoir
 YOE: 2022
 Acres: 803.8 GIS Calculated
 Examiner: Rick Hill
 Map Revised: 3/5/2021
 Map Phase: Post-Review

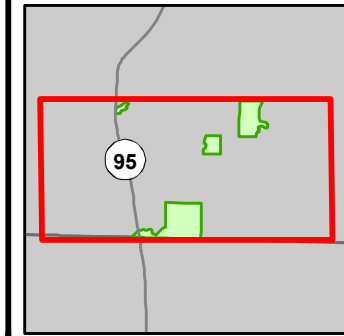


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Cabin
- ▲ Berms
- G Gate
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 500 - Water
- 622 - Lowland Shrub
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 320 - Upland Shrub



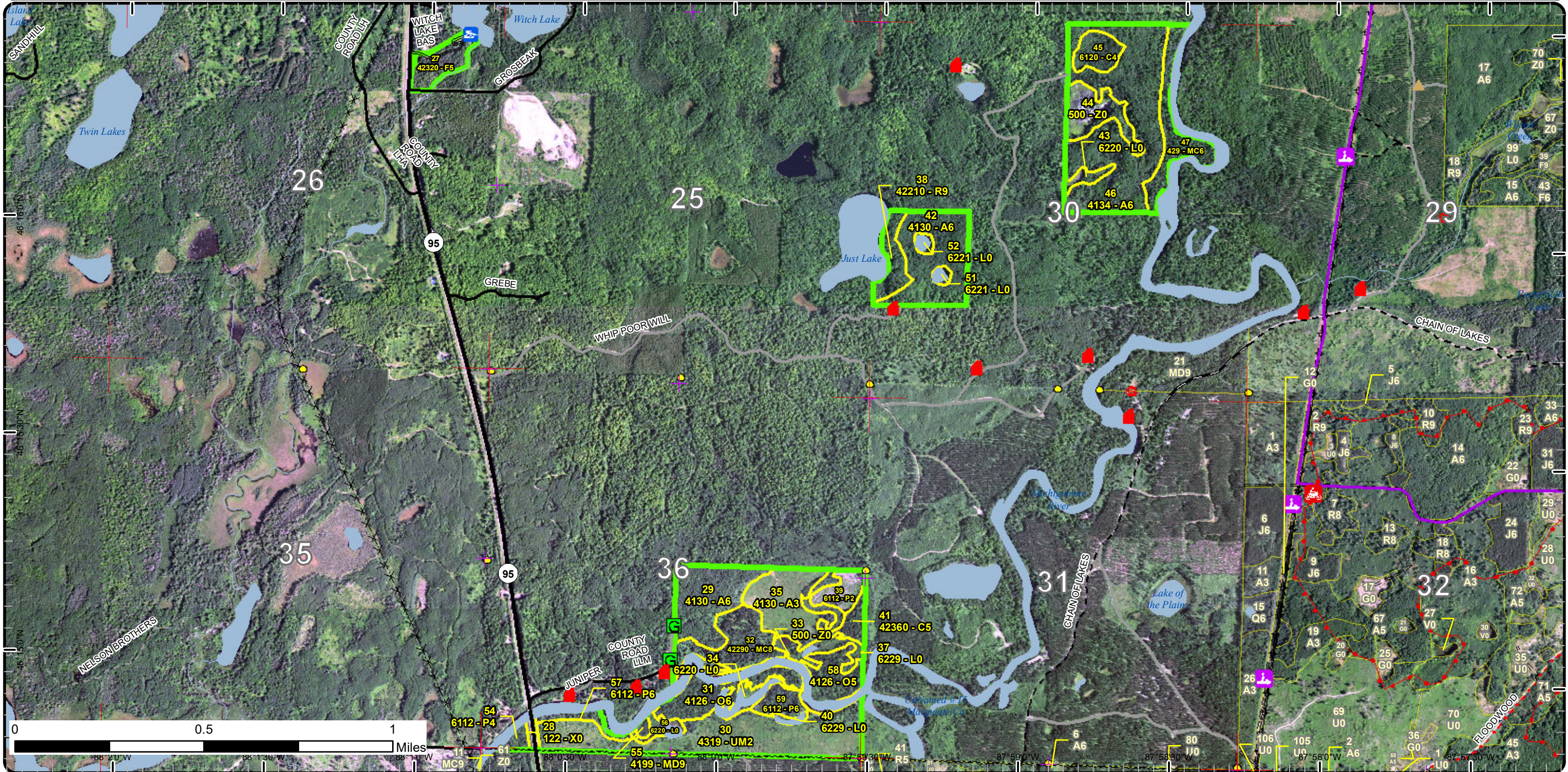
Stand Boundary Map

Compartment: 246
 T45N,R30W, Sec. 26,31,32,34,36,
 T45N,R29W, Sec. 30
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Michigamme
 Reservoir
 YOE: 2022
 Acres: 803.8 GIS Calculated
 Examiner: Rick Hill
 Map Revised: 3/5/2021
 Map Phase: Post-Review



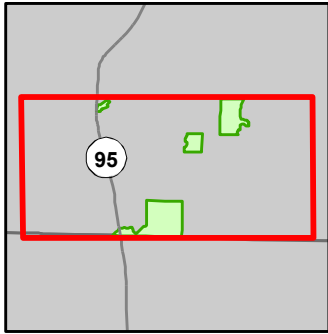
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Abandoned Railroads
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated Snowmobile Trails
- Cabin
- Berms
- Gate
- Boating Access Site
- Sign
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Stand Boundaries
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 500 - Water

622 - Lowland Shrub

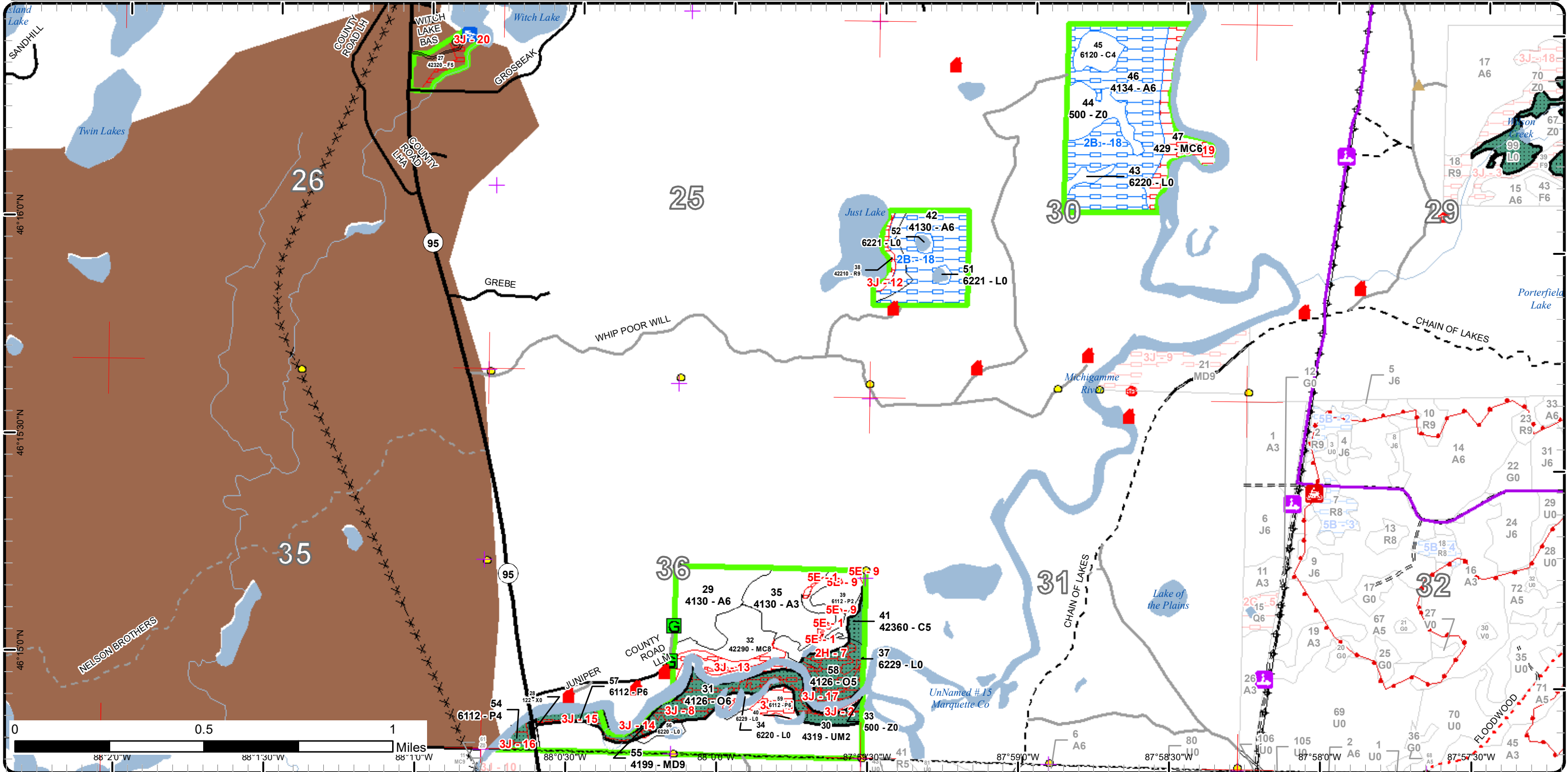


Special Conservation Areas

Compartment: 246
 T45N,R30W, Sec.
 26,31,32,34,36,
 T45N,R29W, Sec. 30
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Michigamme
 Reservoir
 YOE: 2022
 Acres: 803.8 GIS Calculated
 Examiner: Rick Hill
 Map Revised: 3/5/2021
 Map Phase: Post-Review



- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Abandoned Railroads
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated Snowmobile Trails
- Cabin
- Berms
- Gate
- Boating Access Site
- Sign
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- Deer Winter Range





Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2022

Acres of Harvest

Compartment 246
Total Compartment Acres: 804

Commercial Harvest - 219
Harvests with Site Condition - 88
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 | 192 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 192 |
| Natural Mixed Pines | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Northern Hardwood | 0 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 |
| Upland Mixed Forest | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 22 |
| Upland Spruce/Fir | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Total | 209 | 71 | 0 | 22 | 0 | 5 | 0 | 0 | 0 | 307 |

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|--------------|------------|-----------|-----------|----------|----------|-----------|------------|----------|-----------------|-------------|
| Current | 307 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 354 |
| Next Step | 0 | 12 | 25 | 0 | 0 | 12 | 320 | 0 | 0 | 369 |
| Total | 307 | 12 | 25 | 0 | 0 | 12 | 366 | 0 | 0 | 723 |



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

Approved Treatments:

| | | | | | | | | | | | |
|--|------------------|------|--------------------------------|-----------------|-----|---------|------------|------------------------------|----------------------------|-------------|----|
| 7 | 32246007-Cut | 39.4 | 4110 - Sugar Maple Association | Poletimber Well | 105 | 111-140 | Harvest | Single Tree Selection | 411 - Northern Hardwood | Uneven-Aged | No |
| <p><u>Prescription</u> Cut using a selection harvest reducing basal area to 80 following Compleat Marker guidelines. In addition: Favor Basswood (5%) – Cavity nesters, pollinators and seed production for small mammals and Paper Birch (2%) – Pileated woodpecker. Retain all Black Cherry (2%) – Mast production Black Bears and Hemlock (2%) – White-tail Deer.</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> Mixed Northern Hardwood</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 /2021</p> | | | | | | | | | | | |
| 11 | 32246011-Monitor | 46.9 | 4110 - Sugar Maple Association | Sawtimber Well | 105 | 81-110 | Monitoring | Natural Regen (Intermediate) | 411 - Northern Hardwood | Uneven-Aged | No |
| <p><u>Prescription</u> Check site for hardwood regen. as of 2020 browsing and earthworms appear to be an issue not much regen but raspberry patches may nurse seedlings over the next few years.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mixed northern hardwood</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 /2025</p> | | | | | | | | | | | |
| 12 | 32246012-Cut | 21.7 | 4311 - Pine, Aspen Mix | Sawtimber Well | 101 | 51-80 | Harvest | Seed Tree with Retention | 4319 - Mixed Upland Forest | Even-Aged | No |
| <p><u>Prescription</u> Cut all trees marking up to 30 SQ FT of birch, maple, red pine, and white pine to leave. Mark all red pine and white pine over 25 inches DBH to leave. Leave all oak within stand. winter harvest due to deer yard.</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> aspen, maple, spruce, fir, red and white pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> In stand retention is located on the northern end of the parent stand buffering ponds and lakes.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</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 |
|--|-------|---------------------------------|-----------------|-----------|----------|----------------|-------------------------|-------------------------|---------------|-------------|
| 14 32246014-Cut | 31.9 | 4119 - Mixed Northern Hardwoods | Sawtimber Well | 94 | 111-140 | Harvest | Single Tree Selection | 411 - Northern Hardwood | Even-Aged | No |
| <p><u>Prescription</u> Cut using a selection harvest reducing basal area to 80 following Compleat Marker guidelines.</p> <p><u>Specs:</u> Favor basswood (8%) for Cavity nesters, pollinators and seed production for small mammals; Favor red oak (8%) for Hard mast production Black Bear and White-tailed deer habitat; Favor yellow birch (5%) for nest trees and to provide important food source for many winter birds as well as ruffed grouse. Retain all Hemlock (5%) and Northern White Cedar (2%) for Thermal Cover. Winter harvest only due to Deer wintering complex.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mixed Northern Hardwood</p> <p><u>Regen:</u></p> <p><u>Other</u> this stand needs to be marked in an alternate color as it was prepped last YOIE.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 24 32246024-Cut | 41.4 | 4130 - Aspen | Poletimber Well | 49 | 81-110 | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Cut all trees 2 inches and over leaving only white pine, red pine, and oak. Look for opportunities to save fork crowned and large diameter aspen particularly bigtooth aspen in retention for Northern goshawk and cavity nesters. Winter Cut Spec for deer yard.</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> Aspen, mixed upland conifer</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 /2021</p> | | | | | | | | | | |
| 26 32246026-Cut | 45.2 | 4130 - Aspen | Poletimber Well | 49 | 81-110 | Harvest | Clearcut | 413 - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Cut all trees over 2 inches in diameter leaving only red pine, white pine and oak. Look for opportunities to save fork crowned and large diameter Aspen particularly Bigtooth Aspen in retention for Northern goshawk and cavity nesters. Winter Cut Spec. for deer wintering complex.</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> Aspen, mixed hardwood spruce 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 /2021</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 |
|---|-------|----------------------------|-------------------|-----------|----------|----------------|-------------------------|-------------------------|---------------|-------------|
| 27 32246027-Cut | 4.9 | 42320 - Upland Spruce | Poletimber Medium | 61 | 81-110 | Harvest | Clearcut with Retention | 42330 - Upland Fir | Even-Aged | No |
| <p><u>Prescription</u> Cut all trees leaving only red pine, oak and white pine. This stand is within a Deer wintering Complex, however it should be harvested in the summer, so it does not draw deer toward the M-95 corridor. By leaving White Pine it will provide future nesting sites for Bald Eagle near Witch Lake.</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> spruce, fir, mixed hardwood, aspen</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 /2021</p> | | | | | | | | | | |
| 29 32246029-Cut | 22.0 | 4130 - Aspen | Poletimber Well | 54 | 81-110 | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Clearcut this stand using a 2 inch spec. leave any oak, white pine, and red pine present. Look for opportunities to save fork crowned and large diameter Aspen particularly Bigtooth Aspen in retention for Northern goshawk and cavity nesters.</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> aspen, fir, spruce, mixed pine, mixed hardwood.</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 /2021</p> | | | | | | | | | | |
| 32 32246032-Cut | 12.3 | 42290 - Natural Mixed Pine | Sawtimber Medium | 67 | 111-140 | Harvest | Clearcut with Retention | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Clearcut using a 2 inch spec. also use a stump height spec. leave a few white pine for diversity.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Planting, Replant; Pesticide, Skidder - Site Prep; Monitoring, Artificial Regen(1yr);</p> <p><u>Treatments:</u> Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> Red pine</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 /2021</p> | | | | | | | | | | |
| 38 32246038-Cut | 5.1 | 42210 - Natural Red Pine | Sawtimber Well | 136 | 81-110 | Harvest | Crown Thinning | 4221 - Natural Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Mark red and white pine for removal to a residual BA of 100 SQ FT. Cut all aspen, mixed hardwood, spruce and fir. Do not harvest any pine over 24" on the stump the White Pine it will provide future nesting sites for Bald Eagle near Just Lake. Retain all Red Oak (2%) – Hard mast production and seed source – Black Bear and White-tailed deer.</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> N/A</p> <p><u>Regen:</u></p> <p><u>Other</u> Buffer Just Lake by 100 feet or more.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2021</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 |
|---|-------|--------------------------|-----------------|-----------|----------|----------------|-------------------------|----------------------|---------------|-------------|
| 42 32246042-Cut | 25.8 | 4130 - Aspen | Poletimber Well | 49 | 81-110 | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Cut all trees using a 2 inch spec. Leave only oak, red pine and white pine. Look for opportunities to save fork crowned and large diameter</p> <p><u>Specs:</u> Aspen particularly Bigtooth Aspen in retention for Northern goshawk and cavity nesters.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen, spruce, fir, mixed hardwood</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 46 32246046-Cut | 57.5 | 4134 - Aspen, Spruce/Fir | Poletimber Well | 49 | 81-110 | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Cut all trees above 2 inches at DBH. Leave only oak, white pine, and red pine. : Look for opportunities to save fork crowned and large diameter Aspen particularly Bigtooth Aspen in retention for Northern goshawk and cavity nesters</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 Regen:</u> Aspen, mixed hardwood, spruce, and fir</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |

Total Treatment 354.1
Acreage Proposed:

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 246
Year of Entry: 2022

Availability for Management

| Total Acres | Acres Available | Acres Avail | | Dominant Site Conditions | Dominant Site Conditions | | | | | | |
|----------------|--------------------|----------------|---------------|-----------------------------|--------------------------|-----|----|----|----|----|---|
| | | With Condition | Not Available | | 2B | 5C | 2H | 3H | 3J | 5E | |
| 244 | 160 | 83 | 1 | Aspen | 83 | | | | | | 1 |
| 7 | 6 | 0 | 0 | Bog | | | | 0 | 0 | | |
| 14 | 11 | 0 | 3 | Cedar | | | | | | 3 | |
| 19 | 6 | 0 | 13 | Lowland Aspen/Balsam Poplar | | | | | | 13 | 0 |
| 30 | 30 | 0 | 0 | Lowland Shrub | | | | | | | 0 |
| 1 | 0 | 0 | 1 | Mixed Upland Deciduous | | | | | | 1 | |
| 17 | 12 | 0 | 5 | Natural Mixed Pines | | | | | | 5 | |
| 118 | 118 | 0 | 0 | Northern Hardwood | | | | | | | |
| 24 | 0 | 0 | 24 | Oak | | | 7 | | | 18 | |
| 9 | 0 | 0 | 9 | Paper Birch | | | | 0 | | 9 | |
| 18 | 0 | 5 | 13 | Red Pine | 5 | 0 | | | | 13 | |
| 49 | 25 | 0 | 24 | Treed Bog | | | | 24 | | 0 | |
| 16 | 0 | 0 | 16 | Upland Conifers | | | | | | 16 | |
| 194 | 68 | 121 | 5 | Upland Mixed Forest | | 121 | | | | 5 | |
| 4 | 4 | 0 | 0 | Upland Shrub | | | | | | | |
| 9 | 5 | 0 | 4 | Upland Spruce/Fir | | | | | | 4 | |
| 2 | 2 | 0 | 0 | Urban | | | | | | | |
| 29 | 29 | 0 | 0 | Water | | | | 0 | | | |
| 804 | 475 | 209 | 119 | Total Forested Acres | 88 | 121 | 7 | 24 | 87 | 1 | |
| | 59% | 26% | 15% | 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 | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 2 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 2 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 246
Year of Entry: 2022

| | | | | | | | |
|--|-------------|---|----|-------------|-------------|-------------|-------------|
| 3 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 14 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments: SCA=>Potential Old Growth, deer wintering area.</p> | | | | | | | |
| 4 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 9 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments: SCA=>Potential Old Growth or Riparian corridor. Currently listed as POG designation, however this stand also borders Lotto Lake and an unnamed bog/pond.</p> | | | | | | | |
| 5 | Unavailable | 3H: Deer Wintering Area - habitat is incompatible with harvest at this time | 10 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments: SCA=>Potential Old Growth. Stand is currently listed under POG designation for deer wintering area. Could also be labeled as riparian corridor or water quality/BMP's as it borders and unnamed bog/pond.</p> | | | | | | | |
| 6 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 18 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments: POG designation.</p> | | | | | | | |
| 7 | Unavailable | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 7 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments:</p> | | | | | | | |
| 8 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 14 | Unspecified | Unspecified | Unspecified | Unspecified |
| <p>Comments:</p> | | | | | | | |

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 246
Year of Entry: 2022

| | | | | | | | |
|-----------|-------------|--|-----|-------------|-------------|-------------|-------------|
| 9 | Unavailable | 5E: Long-Term Retention | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 10 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 121 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 11 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 6 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 12 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 13 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 14 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 15 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 246
Year of Entry: 2022

| | | | | | | | |
|---|-------------|---|----|-------------------|-------------|-------------|-------------|
| 16 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 3 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 17 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 18 | Available | 2B: Unknown if access through adjacent landowner(s) is possible | 88 | 2I: Survey needed | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 19 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 16 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 20 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Access site to Witch Lake. Stand has very obscure boundaries. | | | | | | | |

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 | Habitat Area | An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies. |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------|-------------------|------------|------------|-------------|--------------|--|----|----------|----|-----|---------------|----|----------|----|----|-------------|----|--------------|----|----|---|----|--------------------|---------|-------------|--------------|-----------|----------|----------|---------|---|-----|--------------------|---------|--------------|---|------------|--------------------|-------------|-------------|--------------|-------------|--------------|--------------|----------|----------|-------------|-------------|---------|--|--|--|
| 1 | 4130 - Aspen | Sapling Well | 17.4 | 26 | Unspecified | N/A | Scattered tall white spruce. 2000 Comments: Cut in 1994, permit #12-92. Some softwood left, all oak, cherry, ironwood, and hemlock were left as were spruce less than 10"-diameter at the stump. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>3</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>93</td> <td>Sapling</td> <td>3</td> <td>26</td> </tr> <tr> <td>Balsam Fir</td> <td>4</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 3 | Sapling | 1 | | Quaking Aspen | 93 | Sapling | 3 | 26 | Balsam Fir | 4 | Pole/Sapling | 6 | | <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>Red Maple</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | < 5 feet | Sapling | Balsam Fir | Low | < 5 feet | Sapling | White Spruce | Low | < 5 feet | Sapling | Leatherwood | Low | < 5 feet | Tall Shrub | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 3 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 93 | Sapling | 3 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 4 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherwood | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 6224 - Treed Bog | Nonstocked | 14.3 | 0 | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 4140 - Other Upland Deciduous | Poletimber Medium | 8.9 | 84 | 81-110 | N/A | Stand borders Lotto Lake. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Sugar Maple</td> <td>22</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>4</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>60</td> <td>Pole/Log</td> <td>10</td> <td>84</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>4</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 22 | Pole | 7 | | Red Maple | 4 | Pole/Log | 10 | | Paper Birch | 60 | Pole/Log | 10 | 84 | Balsam Fir | 10 | Pole/Sapling | 7 | | White Spruce | 4 | 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>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Low | < 5 feet | Sapling | Black Cherry | Low | 10 - 20 feet | Sapling | Ironwood | Low | 5 - 10 feet | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 22 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 4 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 60 | Pole/Log | 10 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 4 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 6224 - Treed Bog | Nonstocked | 9.5 | 0 | Unspecified | No | Stand is the treed portion of a bog. Tamarack is the primary tree species in the stand. Mix of black spruce, white pine and some hemlock near the upland edge. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 500 - Water | Nonstocked | 3.6 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 500 - Water | Nonstocked | 2.4 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 4110 - Sugar Maple Association | Poletimber Well | 39.4 | 105 | 111-140 | N/A | Stand thinned in 2002, TS#32-108-02-01. At present there is some maple regeneration, however there is no recruitment.. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Sugar Maple</td> <td>85</td> <td>Pole/Log</td> <td>10</td> <td>105</td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Basswood</td> <td>5</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>3</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>2</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 85 | Pole/Log | 10 | 105 | Red Maple | 3 | Pole | 8 | | Basswood | 5 | Pole/Log | 10 | | Paper Birch | 2 | Pole | 8 | | Hemlock | 3 | Log | 16 | | Black Cherry | 2 | Pole | 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>Sugar Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Low | 10 - 20 feet | Sapling | Ironwood | Medium | 5 - 10 feet | Sapling | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 85 | Pole/Log | 10 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 3 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 5 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 2 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 3 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 2 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 6224 - Treed Bog | Nonstocked | 9.8 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 6225 - Bog | Nonstocked | 4.9 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 320 - Upland Shrub | Nonstocked | 1.3 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|-------------------|------------|------------|-------------|--------------|---|----|----------|----|-----|----------------------|----|---------------|----|----|--------------|----|---------------|----|-----|---|----|--------------------|---------|-------------|----------------|-------------|---------------|--------------|---------|----------------------|--------|--------------|------------|------------|------------|-------------|----------|----|-----|---|----|--------------------|---------|-------------|---------------|-------------|--------|--------------|---------|---|-----|--------------------|---------|-------------|------|-------------|--------|--------------|---------|-----------|-----|--------------|---------|------------|-----|----------|---------|-------------------|-----|----------|------------|
| 11 | 4110 - Sugar Maple Association | Sawtimber Well | 46.9 | 105 | 81-110 | N/A | Stand thinned in 2013. Lotto Lake Hardwood sale, sale # 106-12-01. Very minimal regeneration within 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>Sugar Maple</td> <td>90</td> <td>Pole/Log</td> <td>10</td> <td>105</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Basswood</td> <td>5</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 90 | Pole/Log | 10 | 105 | Red Maple | 5 | Pole/Log | 10 | | Basswood | 5 | Pole/Log | 10 | | <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>Sugar Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Low | 10 - 20 feet | Sapling | Leatherwood | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 90 | Pole/Log | 10 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 5 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherwood | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 4311 - Pine, Aspen Mix | Sawtimber Well | 146.2 | 101 | 51-80 | N/A | This is a two age stand as a result of past cutting. It is predominantly a white pine sawlog stand with and understory of aspen, some white birch and sugar maple. There is a patch of red pine sawlogs within this stand as well as a couple scattered patches of tamarack that occur at the bottom of the depressions. The stand was harvested between 1972-81 by Marvin and Emil Johnson, permit #20-71A "Nelson Brothers Road Sale". The red and white pine were marked to cut, white spruce 12-inches and up at stump diameter and aspen, birch, hardwood, fir and black spruce containing 2 or more sticks were also harvested. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>5</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log/Pole</td> <td>14</td> <td>49</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>29</td> <td>XLog/Log</td> <td>18</td> <td>101</td> </tr> <tr> <td>Red Pine</td> <td>24</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>7</td> <td>49</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 5 | Log/Pole | 14 | | Sugar Maple | 2 | Log/Pole | 10 | | Red Oak | 5 | Log/Pole | 10 | | Paper Birch | 10 | Log/Pole | 12 | | Bigtooth Aspen | 10 | Log/Pole | 14 | 49 | White Spruce | 5 | Log/Pole | 12 | | White Pine | 29 | XLog/Log | 18 | 101 | Red Pine | 24 | XLog/Log | 20 | | Quaking Aspen | 10 | Pole | 7 | 49 | <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>Sugar Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Medium | 10 - 20 feet | Sapling | Red Maple | Low | 10 - 20 feet | Sapling | Balsam Fir | Low | < 5 feet | Sapling | Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Log/Pole | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 2 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Log/Pole | 14 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 29 | XLog/Log | 18 | 101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 24 | XLog/Log | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Pole | 7 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 42210 - Natural Red Pine | Sawtimber Well | 10.4 | 111 | 81-110 | N/A | Red pine buffering pond | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Log/XLog/Pole</td> <td>16</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>95</td> <td>Log/XLog/Pole</td> <td>16</td> <td>111</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 2 | Log/Pole | 12 | | White Pine | 3 | Log/XLog/Pole | 16 | | Red Pine | 95 | Log/XLog/Pole | 16 | 111 | <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>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</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 | Red Maple | Low | 10 - 20 feet | Sapling | Quaking Aspen | Medium | 10 - 20 feet | Sapling | Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 2 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 3 | Log/XLog/Pole | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 95 | Log/XLog/Pole | 16 | 111 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 4119 - Mixed Northern Hardwoods | Sawtimber Well | 31.9 | 94 | 111-140 | N/A | Diverse stand, no cutting records besides a few pine being cut under permit #20-71A. Some steep terrain but harvestable. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Sugar Maple</td> <td>62</td> <td>Log/Pole</td> <td>14</td> <td>94</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Basswood</td> <td>8</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>8</td> <td>Log/XLog/Pole</td> <td>16</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Log/Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>5</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 62 | Log/Pole | 14 | 94 | Red Maple | 10 | Log/Pole | 10 | | Yellow Birch | 5 | Log/Pole | 12 | | Basswood | 8 | Log/Pole | 12 | | Red Oak | 8 | Log/XLog/Pole | 16 | | Northern White Cedar | 2 | Log/Pole | 8 | | Hemlock | 5 | Log/XLog | 16 | | <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>Sugar Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Medium | 10 - 20 feet | Sapling | Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 62 | Log/Pole | 14 | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Birch | 5 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 8 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 8 | Log/XLog/Pole | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 2 | Log/Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 5 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 6224 - Treed Bog | Nonstocked | 3.2 | | Unspecified | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 6120 - Lowland Cedar | Poletimber Medium | 3.2 | 94 | 1-50 | N/A | Small stand of predominantly cedar with some black spruce and tamarack. Fairly 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>Black Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>90</td> <td>Pole</td> <td>8</td> <td>94</td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Spruce | 5 | Pole | 7 | | Northern White Cedar | 90 | Pole | 8 | 94 | Tamarack | 5 | 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>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Low | < 5 feet | Sapling | Tag Alder | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 90 | Pole | 8 | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------|-----------------|------------|------------|----------|--------------|---|---|----------|----|--|-------------|---|------|----|--|---------------|----|----------|---|----|----------------|----|----------|----|--|---|---|--------------------|---------|-------------|--|------------|--------------------|----------|-------------|-------------------|-------------|----------|--------------|---------|-------------|-----|--------------|---------|------------|-----|-------------|---------|-------------------|-----|----------|------------|--|--|--|--|
| 17 | 320 - Upland Shrub | Nonstocked | 1.1 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 6224 - Treed Bog | Nonstocked | 1.2 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 6224 - Treed Bog | Nonstocked | 11.0 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 4130 - Aspen | Sapling Well | 15.0 | 16 | | N/A | A few overstory white pine and red oak. Stand was harvested in May 2005 by Minerick Logging, sale #32-109-02-01 "Nelson Brothers Road Sale". All oak, cherry, paper birch, conifers and ironwood were left. A shortwood operation was used and wood was forwarded to an existing landing on the adjacent private land. This area was not cut during the life of permit #20-71A. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Sugar Maple</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>83</td> <td>Sapling</td> <td>1</td> <td>16</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 2 | Sapling | 1 | | Red Oak | 2 | Log | 14 | | Quaking Aspen | 83 | Sapling | 1 | 16 | Bigtooth Aspen | 10 | Sapling | 1 | | White Pine | 3 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 2 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 2 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 83 | Sapling | 1 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 3 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 320 - Upland Shrub | Nonstocked | 1.0 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 4130 - Aspen | Poletimber Well | 41.4 | 49 | 81-110 | N/A | Scattered extra large white pine. Stand was harvested between 1972-74 by Marvin and Emil Johnson, permit #20-71A "Nelson Brothers Road Sale". Specs were cut only aspen, birch, hardwood and those fir containing 2 or more sticks. FTP #W-113 was completed in June 1974 for cutting of the residual hardwood. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Sugar Maple</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>90</td> <td>Pole/Log</td> <td>9</td> <td>49</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Log</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 2 | Pole | 6 | | Paper Birch | 3 | Pole | 6 | | Quaking Aspen | 90 | Pole/Log | 9 | 49 | Bigtooth Aspen | 5 | Log | 10 | | <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>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Low | < 5 feet | Sapling | Hazelnut (Beaked) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 3 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 90 | Pole/Log | 9 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 5 | Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 622 - Lowland Shrub | Nonstocked | 5.5 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 4130 - Aspen | Poletimber Well | 45.2 | 49 | 81-110 | N/A | Scattered xlog white pine. should be an aspen-white pine type. Stand was harvested between 1972-74 by Marvin and Emil Johnson, permit #20-71A "Nelson Brothers Road Sale". Specs were cut only aspen, birch, hardwood and those fir containing 2 or more sticks. FTP #W-113 was completed in June 1974 for cutting of the residual hardwood. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>3</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>90</td> <td>Pole/Log</td> <td>7</td> <td>49</td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 3 | Log/Pole | 10 | | Paper Birch | 2 | Pole | 6 | | Quaking Aspen | 90 | Pole/Log | 7 | 49 | White Pine | 3 | XLog/Log | 20 | | Red Pine | 2 | XLog/Log | 18 | | <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>Sugar Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Low | 10 - 20 feet | Sapling | Paper Birch | Low | 10 - 20 feet | Sapling | Balsam Fir | Low | 5 - 10 feet | Sapling | Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 3 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 90 | Pole/Log | 7 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 3 | XLog/Log | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|-----------------------|---------------------------------|-------------------|-------------------|------------|------------|---------------------------|--|
| 27 | 42320 - Upland Spruce | Poletimber Medium | 9.2 | 61 | 81-110 | N/A | Witch Lake Access Site. |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Balsam Poplar | | 5 | Pole | 8 | | Tag Alder | |
| Balsam Fir | | 2 | Pole | 6 | | Serviceberry (Juneberry) | |
| White Spruce | | 83 | Pole/Log | 9 | 61 | Density | |
| Tamarack | | 5 | Log | 11 | | Avg. Height | |
| White Pine | | 5 | Pole/Log | 9 | | Size | |
| 28 | 122 - Road/Parking Lot | Nonstocked | 1.5 | | | No | |
| 29 | 4130 - Aspen | Poletimber Well | 22.0 | 54 | 81-110 | N/A | Stand was harvested in 1966-68 by Art Antilla, permit #16-66, all merchantable aspen had been cut. A followup harvest was completed in 1972, FTP #F-96, to remove the residual hardwood. |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Quaking Aspen | | 92 | Log | 12 | 54 | Balsam Fir | |
| White Pine | | 2 | Log | 13 | | White Spruce | |
| Red Pine | | 2 | Log | 14 | | Hazelnut (Beaked) | |
| Paper Birch | | 2 | Pole | 9 | | Density | |
| Balsam Fir | | 2 | Pole | 8 | | Avg. Height | |
| 30 | 4319 - Mixed Upland Forest | Sapling Medium | 47.3 | 7 | Immature | N/A | Sale was Cut in 2014 by Sanville Logging under sale #32-108-12-01. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| Quaking Aspen | | 35 | Sapling | 1 | 7 | | |
| Balsam Poplar | | 5 | Sapling | 1 | | | |
| Red Pine | | 5 | Sapling | 2 | | | |
| Red Maple | | 10 | Sapling | 1 | | | |
| Balsam Fir | | 25 | Sapling | 2 | | | |
| Black Ash | | 2 | Sapling | 4 | | | |
| White Spruce | | 18 | Sapling | 2 | | | |
| 31 | 4126 - White, Black, N. Pin Oak | Poletimber Well | 13.8 | 113 | 81-110 | N/A | White oak or bur oak along the river. Ring count used on oak. |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Red Maple | | 15 | Log/Pole | 10 | | Balsam Fir | |
| White Oak | | 80 | Pole | 7 | 113 | Black Cherry | |
| White Spruce | | 5 | Log/Pole | 9 | | Hazelnut (Beaked) | |
| | | | | | | Pin Cherry | |
| 32 | 42290 - Natural Mixed Pine | Sawtimber Medium | 16.9 | 67 | 111-140 | N/A | Mix of species stocking varies across stand. |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Quaking Aspen | | 10 | Pole | 8 | | Red Pine | |
| Red Pine | | 50 | Log/Pole | 15 | 67 | Choke Cherry | |
| Jack Pine | | 40 | Log/Pole | 12 | 77 | Density | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|----------------|------------|------------|-------------|--------------|---|----|-------------|---|---|------------|---|---------|----|--|--------------|---|----------|----|--|---------------|----|----------|----|---|--|---|--------------------|---------|-------------|--------------|-----------|---------|-------------|------------|--|----|--------------------|---------|-------------|----------|-------------|-------------|-------------|-----|--|--|--------------------|---------|-------------|------|-----------|-----|-------------|---------|------------|--------|-------------|---------|-------------------|-----|----------|------------|--|--|
| 33 | 500 - Water | Nonstocked | 10.8 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 6220 - Alder/willow | Nonstocked | 4.9 | | Unspecified | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 4130 - Aspen | Sapling Well | 19.8 | 7 | Immature | N/A | Under FTP C32-856 for spray and plant red pine. Stand was cut by Sanville Logging in 2014 under sale #32-10812-01 Standby 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>Quaking Aspen</td> <td>75</td> <td>Sapling</td> <td>1</td> <td>7</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bur Oak</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 75 | Sapling | 1 | 7 | White Pine | 5 | Sapling | 1 | | Black Cherry | 5 | Sapling | 1 | | Jack Pine | 5 | Sapling | 1 | | Bur Oak | 5 | Sapling | 3 | | Balsam Fir | 5 | Sapling | 1 | | <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>Unspecified</td> <td>Unspecified</td> <td>Unspecified</td> <td></td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Unspecified | Unspecified | Unspecified | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 75 | Sapling | 1 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bur Oak | 5 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unspecified | Unspecified | Unspecified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 6229 - Mixed lowland shrub | Nonstocked | 10.6 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 42210 - Natural Red Pine | Sawtimber Well | 7.9 | 136 | 81-110 | N/A | No real benefit by us having this. No legal access. Public could access it by foot from CFA land to the west. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>6</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>7</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>13</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>60</td> <td>XLog/Log</td> <td>22</td> <td>136</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 6 | Pole/Log | 8 | | Red Oak | 2 | Log | 12 | | Paper Birch | 7 | Log/Pole | 10 | | Quaking Aspen | 5 | Pole/Log | 10 | | Bigtooth Aspen | 5 | Log/Pole | 12 | | White Spruce | 2 | Log | 12 | | White Pine | 13 | XLog/Log | 20 | | Red Pine | 60 | XLog/Log | 22 | 136 | <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>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | 5 - 10 feet | Sapling | Balsam Fir | Medium | 5 - 10 feet | Sapling | Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 6 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 2 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 7 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 5 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 5 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 2 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 13 | XLog/Log | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 60 | XLog/Log | 22 | 136 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 6112 - Lowland Aspen | Sapling Medium | 6.3 | 7 | Immature | N/A | Cut by Sanville logging in spring of 2014(Standby Aspen 32-108-12-01). Stand will be naturally regenerated. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>8</td> <td>Unspecified</td> <td>1</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>3</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>84</td> <td>Sapling</td> <td>1</td> <td>7</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Spruce | 8 | Unspecified | 1 | | Balsam Fir | 3 | Sapling | 1 | | Red Maple | 5 | Sapling | 1 | | Quaking Aspen | 84 | Sapling | 1 | 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>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 8 | Unspecified | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 3 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 84 | Sapling | 1 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 6229 - Mixed lowland shrub | Nonstocked | 1.0 | 0 | Unspecified | No | This is a very sparse stand. There are a few pockets where the stocking is acceptable (west end east of M-95). Stand is listed as POG from 2000 comments. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------|-------------------|------------|------------|-------------|--------------|--|----|--------------|----|----|---------------|----|--------------|----|----|----------------------|----|--------------|----|-----|--|---|--------------------|---------|-------------|--|------------|--------------------|----------|-------------|--|-----------|--------------------|--------------|-------------------|--|------------|--------------------|--------------|-------------|------|-------------|---------|-------------------|---------|----------|------------|
| 41 | 42360 - Upland Cedar | Poletimber Medium | 4.1 | 101 | 81-110 | N/A | Upland cedar, some red maple and w. birch mixed in. South end is low, ie floodplain. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>3</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>77</td> <td>Log/Pole</td> <td>10</td> <td>101</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 3 | Log | 14 | | Balsam Fir | 20 | Pole/Sapling | 7 | | Northern White Cedar | 77 | Log/Pole | 10 | 101 | <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>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Low | < 5 feet | Sapling | Black Cherry | Low | 5 - 10 feet | Sapling | Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 3 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 20 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 77 | Log/Pole | 10 | 101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 4130 - Aspen | Poletimber Well | 25.8 | 49 | 81-110 | N/A | Overstory white and red pine, a couple scattered oaks. Stand had been harvested in 1972 by Roy DeLongchamp & Sons for Escanaba Paper Co., permit #22/70A. Specs were to cut all merchantable aspen and birch and only the marked red and white pine, spruce 12" and larger stump diameter. A non-commercial harvest of the residual hardwood occurred in September 1973, FTP #F-83. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>85</td> <td>Pole</td> <td>8</td> <td>49</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Paper Birch | 5 | Pole | 6 | | Quaking Aspen | 85 | Pole | 8 | 49 | White Pine | 5 | XLog/Log | 20 | | Red Pine | 5 | XLog/Log | 20 | | <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>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | 10 - 20 feet | Sapling | Paper Birch | Low | 10 - 20 feet | Sapling | Balsam Fir | Low | 5 - 10 feet | Sapling | Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 85 | Pole | 8 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | XLog/Log | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | XLog/Log | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazelnut (Beaked) | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 6220 - Alder/willow | Nonstocked | 2.4 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 500 - Water | Nonstocked | 11.8 | | | No | Stand appeared to be cedar at one time. It is now a beaver flooding. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 6120 - Lowland Cedar | Poletimber Poor | 6.8 | 91 | Unspecified | N/A | Beaver flooded, fair amount of dead standing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Black Spruce</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>85</td> <td>Pole/Log</td> <td>9</td> <td>91</td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Fir | 5 | Pole | 7 | | Black Spruce | 5 | Pole | 6 | | Northern White Cedar | 85 | Pole/Log | 9 | 91 | Tamarack | 5 | 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>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 85 | Pole/Log | 9 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 4134 - Aspen, Spruce/Fir | Poletimber Well | 57.5 | 49 | 81-110 | N/A | Some areas are pure balsam with no aspen, mainly along west edge. Stand was cut in 1972 by Roy DeLongchamp & Sons for Mead Corp, permit #34/70A. Specs were to cut all merchantable aspen, birch, hardwood and balsam. Black spruce with 3 or more sticks as well as white spruce with a stump diameter 12" and larger, marked red and white pine, and all cedar 10" and larger at stump diameter were to be cut also. Scattered residual red and white pine throughout 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>Quaking Aspen</td> <td>61</td> <td>Pole/Sapling</td> <td>7</td> <td>49</td> </tr> <tr> <td>Balsam Fir</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 61 | Pole/Sapling | 7 | 49 | Balsam Fir | 25 | Pole/Sapling | 5 | | White Spruce | 10 | Pole/Sapling | 6 | | White Pine | 2 | XLog/Log | 18 | | Red Pine | 2 | XLog/Log | 20 | | <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>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 61 | Pole/Sapling | 7 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 25 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 2 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | XLog/Log | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 429 - Mixed Upland Conifers | Poletimber Well | 16.4 | 136 | 81-110 | N/A | Scattered over story white and red pine, heavy balsam fir understory. Could call it a fir stand with a white pine super canopy. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>38</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>White Pine</td> <td>40</td> <td>XLog/Log</td> <td>20</td> <td>136</td> </tr> <tr> <td>Red Pine</td> <td>7</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 5 | Pole | 9 | | Paper Birch | 5 | Log/Pole | 12 | | Balsam Fir | 38 | Pole | 8 | | White Spruce | 5 | Log/Pole | 13 | | White Pine | 40 | XLog/Log | 20 | 136 | Red Pine | 7 | XLog/Log | 18 | | <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>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | High | 10 - 20 feet | Sapling | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 38 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Spruce | 5 | Log/Pole | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 40 | XLog/Log | 20 | 136 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 7 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|-------------------|-------|-----------|--------------------|--------------|---|----------------|------------|------------|-----|---------------|--------------------|--------------|-------------|------|---------------|------------|--------------|-----|----|------------|----------|--------------|---------|------------|-----------|-------------|--------------|------|--------------|---------|-------------|---------|-----------|----|----------|---------|-----|-------------------|-----|----------|
| 51 | 6221 - Fen | Nonstocked | 1.2 | 0 | Unspecified | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 6221 - Fen | Nonstocked | 1.5 | 0 | Unspecified | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 6225 - Bog | Nonstocked | 1.9 | | Unspecified | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | 6112 - Lowland Aspen | Poletimber Poor | 2.5 | 57 | 1-50 | N/A | This is a very sparse stand. There are a few pockets where the stocking is acceptable (west end east of M-95). Stand is listed as POG from 2000 comments. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>65</td> <td>Pole</td> <td>6</td> <td>57</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log</td> <td>14</td> <td>83</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td>83</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>6</td> <td>57</td> </tr> <tr> <td>Black Ash</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bur Oak</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table> | | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 65 | Pole | 6 | 57 | White Pine | 10 | Log | 14 | 83 | Red Pine | 5 | Log | 14 | 83 | Paper Birch | 5 | Pole | 6 | 57 | Black Ash | 10 | Sapling | 3 | | Bur Oak | 5 | Pole | 6 | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 65 | Pole | 6 | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log | 14 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 14 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole | 6 | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 10 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bur Oak | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 1.0 | 51 | Unspecified | 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>Bur Oak</td> <td>35</td> <td>Log</td> <td>12</td> <td>51</td> </tr> <tr> <td>Quaking Aspen</td> <td>33</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>32</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table> | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age | Bur Oak | 35 | Log | 12 | 51 | Quaking Aspen | 33 | Pole | 8 | | Red Maple | 32 | Pole | 8 | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bur Oak | 35 | Log | 12 | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 33 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 32 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | 6220 - Alder/willow | Nonstocked | 3.4 | 0 | Unspecified | No | White oak or bur oak along the river. Ring count used on oak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | 6112 - Lowland Aspen | Poletimber Well | 4.5 | 56 | Unspecified | 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>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole/Sapling</td> <td>6</td> <td>56</td> </tr> <tr> <td>Black Ash</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Bur Oak</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table> | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age | Balsam Poplar | 10 | Pole/Sapling | 5 | | Quaking Aspen | 60 | Pole/Sapling | 6 | 56 | Black Ash | 15 | Pole/Sapling | 5 | | Red Maple | 10 | Pole/Sapling | 6 | | Bur Oak | 5 | Pole | 6 | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Poplar | 10 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 60 | Pole/Sapling | 6 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 15 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bur Oak | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 4126 - White, Black, N. Pin Oak | Poletimber Medium | 10.7 | 101 | 81-110 | N/A | Upland cedar, some red maple and w. birch mixed in. South end is low, ie floodplain. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>3</td> <td>Log</td> <td>14</td> <td></td> <td>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Log</td> <td>10</td> <td></td> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>77</td> <td>Log/Pole</td> <td>16</td> <td>101</td> <td>Hazelnut (Beaked)</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | 3 | Log | 14 | | Balsam Fir | Low | < 5 feet | Sapling | Balsam Fir | 20 | Log | 10 | | Black Cherry | Low | 5 - 10 feet | Sapling | White Oak | 77 | Log/Pole | 16 | 101 | Hazelnut (Beaked) | Low | < 5 feet |
| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 3 | Log | 14 | | Balsam Fir | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 20 | Log | 10 | | Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 77 | Log/Pole | 16 | 101 | Hazelnut (Beaked) | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | |
|---|----------------------|-----------------|-------|-----------|-------------|--------------|------------------|----------------|---------|------------|-----|-----|---------------|-----|------|---|----|
| 59 | 6112 - Lowland Aspen | Poletimber Well | 5.7 | 41 | Unspecified | 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>Quaking Aspen</td> <td>100</td> <td>Pole</td> <td>6</td> <td>41</td> </tr> </tbody> </table> | | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 100 | Pole | 6 | 41 |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | |
| Quaking Aspen | 100 | Pole | 6 | 41 | | | | | | | | | | | | | |