



Compartment Review Presentation

Grayling Forest Management Unit

Compartment 72204

Entry Year 2026

Acreage: 1,292

County: Crawford

Management Area: Camp Grayling

Stand Examiner: Scott McClarren

Legal Description:

T 26N R 04W Sections 1, 2, & 3

Identified Planning Goals:

The primary goal is to provide for military training while maintaining for forest health, productivity, species and structural diversity, and sustainability throughout the compartment and to meet restrictions placed on Hanson grant lands. To meet this goal, we should promote mixed stands of pine and oak for diversity of habitat and wildlife species use.

Soil and topography:

Soils within the compartment include a large area of Graycalm Sands in the east and a mix of Croswell Sands, Grayling Sands, Graycalm-Grayling Sands, and Croswell-AuGres soil in the center and to the north. Soil in the west and south west portion of the compartment are made up of Kinross-Augres complex, Dawson-Loxley Peats and Kinross Muck. Topography within the compartment is level to rolling terrain in the east, north, and center portions. The west and southwest portion is largely flat and seasonally wet.

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

The entire compartment is comprised of Hanson Grant Lands and military board lands except for a parcel in the NW of Section 1. The compartment also contains a small parcel of the Grayling Army Airfield in the NW corner. AuSable Trail and Sherwood Forest Subdivisions border the east side of the compartment and are heavily residential areas.

Unique Natural Features:

Michigan Natural Feature Inventory has listed the Calypso (*Calypso bulbosa*), Eastern Massasauga (*Sistrurus catenatus*), Henry's Elf (Incisalia henrici), Hill's Thistle (*Cirsium hillii*), and secretive locust (*Appalachia arcana*) as unique or natural features within this compartment. Also, Lake Margrethe North intermittent wetland complex (as described by MNFI) exist throughout Section 3 of this compartment. Care needs to be taken to protect this bog wetland complex.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

This compartment is part of the Hanson Military Reserve. This land was gifted to the State in 1913 (Act 172) by Mr. Hanson for the following purposes: 1) as a permanent encampment and maneuvering ground for the military, 2) as a game preserve for the breeding and protection of game, 3) as a forest reserve. The MDNR manages the natural resources on Hanson lands as long as management does not conflict with military training needs. Hunting is prohibited on Hanson Grant lands. This compartment also contains five forty-acre parcels in Section 2 and a small piece in Section 1 that are open to hunting.

Watershed and Fisheries Considerations:

This compartment contains a portion of the upper Au Sable River near Pollack Bridge Road. This section of river was historically impaired by the Salling Dam which was removed in 1991. This reach is still recovering from that impairment, and a grant application has been submitted for instream habitat work in this reach. A narrow strip of land just north of Sherwood Forest Subdivision provides for public access to the AuSable River. Currently this access is undeveloped but could be developed in the future.

Wildlife Habitat Considerations:

This compartment appears to be a winter deer yarding area due to heavy deer densities during winter months and presence of thick jack pine cover. Wildlife should investigate and confirm the quality of this yard and winter range. Opening work would be recommended if yarding or winter use by deer is confirmed. Currently over browsing is an issue and negatively affecting the deer population in the area through habitat degradation. This compartment has limited hunting opportunities due to Hanson deed restrictions. The center of Section 3 is part of Lake Margrethe North intermittent wetland complex which hosts a diversity of unique plants and wildlife which are all part of delicate understudied ecosystem. Early notes have mixed pine and oak forests with a hardwood wetlands around the bogs. Efforts should be

made to study and direct future management of this area.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial metallic mineral production in this part of the state. The nearest known active sand/gravel pit is more than three miles southeast. Potential for development of sand & gravel within the compartment is considered low. The nearest oil & gas production, past or present, is several miles away. The compartment is mostly within the Camp Grayling reservation and long-term lease area and includes lands deeded to the State Military Board and Hanson grant lands. The State does not control the majority of mineral rights within the compartment, and the mineral rights are classified as non-leasable.

Vehicle Access:

Vehicle access into the compartment can be obtained from several two tracks off of AuSable Trail and north off of M-72 West at the snowmobile parking lot.

Survey Needs:

None.

Recreational Facilities and Opportunities:

The compartment is host to a number of designated recreational trails. The Blue Bear Snowmobile Trail (# 7) traverses the compartment. An ORV Route follows the Blue Bear Snowmobile Trail. Dispersed recreational opportunities include fishing, bird watching, and hunting in areas designated as open.

Fire Protection:

This compartment falls within jurisdiction of the Grayling DNR, The Grayling Township Volunteer Fire Department and the National Guard for fire suppression. The AuSable River, Lake Margrethe and several fire hydrants on the east side of compartment are the closest water source for fire suppression and several trails traverse through most all of the compartment providing adequate access.

Additional Compartment Information:

Several experimental oak patchcuts were completed in Section 2 in the late 1990's. Old notes suggest very poor oak regeneration as a result of these patch cuts. Poor regeneration was attributed to creating frost conditions with the small size of the cuts, heavy sedge precluding development of seedlings from acorns, and heavy wildlife browse impacting stump sprouting and seedling development. These cuts have since filled in with a good stocking of oak regeneration. Recent large cuts of oak have resulted in a non-forested condition with heavy browse apparent but also very few oak trees actually stump sprouted. The oak resource, which is primarily N. Pin Oak, is aging and becoming less responsive to management in already non-favorable conditions. Caution should be taken when regenerating oak in this area. Site conversion to mixed pine with scattered oak should be considered when managing.

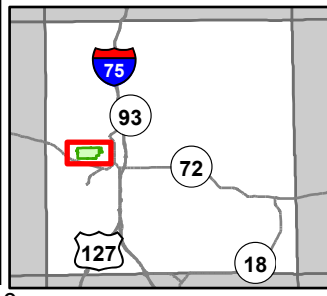
The following reports from the Inventory are attached:

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

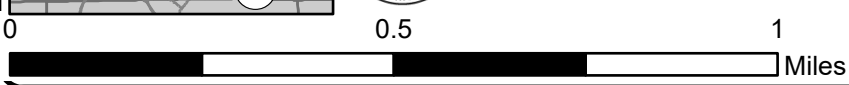
The following information is displayed, where pertinent, on the attached compartment maps:

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

Cover Type & Treatments Map



Compartment: 72204
 T26N, R04W, Sec. 1-4
 County: Crawford
 Unit: Grayling
 Mgmt Area: Camp Grayling
 YOE: 2026
 Acres: 1291.8 GIS Calculated
 Examiner: Scott McClarren
 Map Revised: 10/2/2024
 Map Phase: Web Post



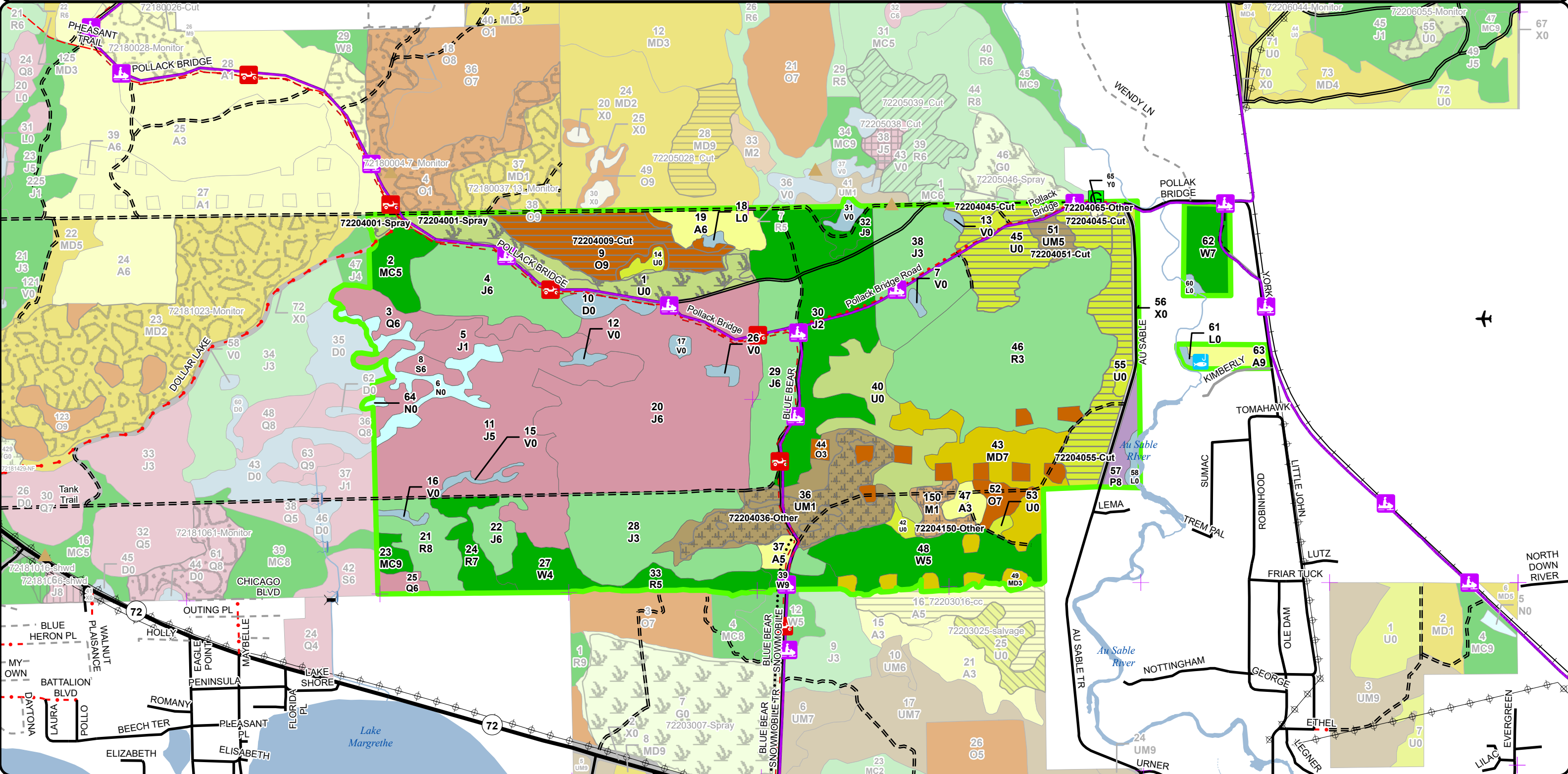
- Airport
- Berms
- Gate
- Bridges
- Culvert
- Fishing Access Site
- Remonumented Section Corners
- ORV Routes
- Snowmobile Trails

- Designated ORV Routes
- Designated Snowmobile Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road

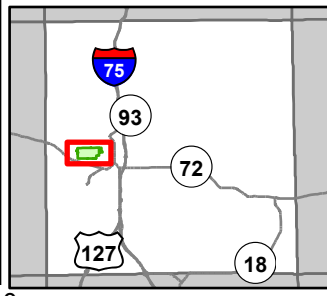
- Private - Dirt / Gravel Road
- DNR - Management Access
- Active Railroads
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Powerline
- Lakes and Rivers
- Compartment Boundary

- Pesticide
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest

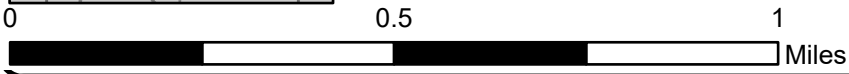
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand/Soil



Stand Boundary Map

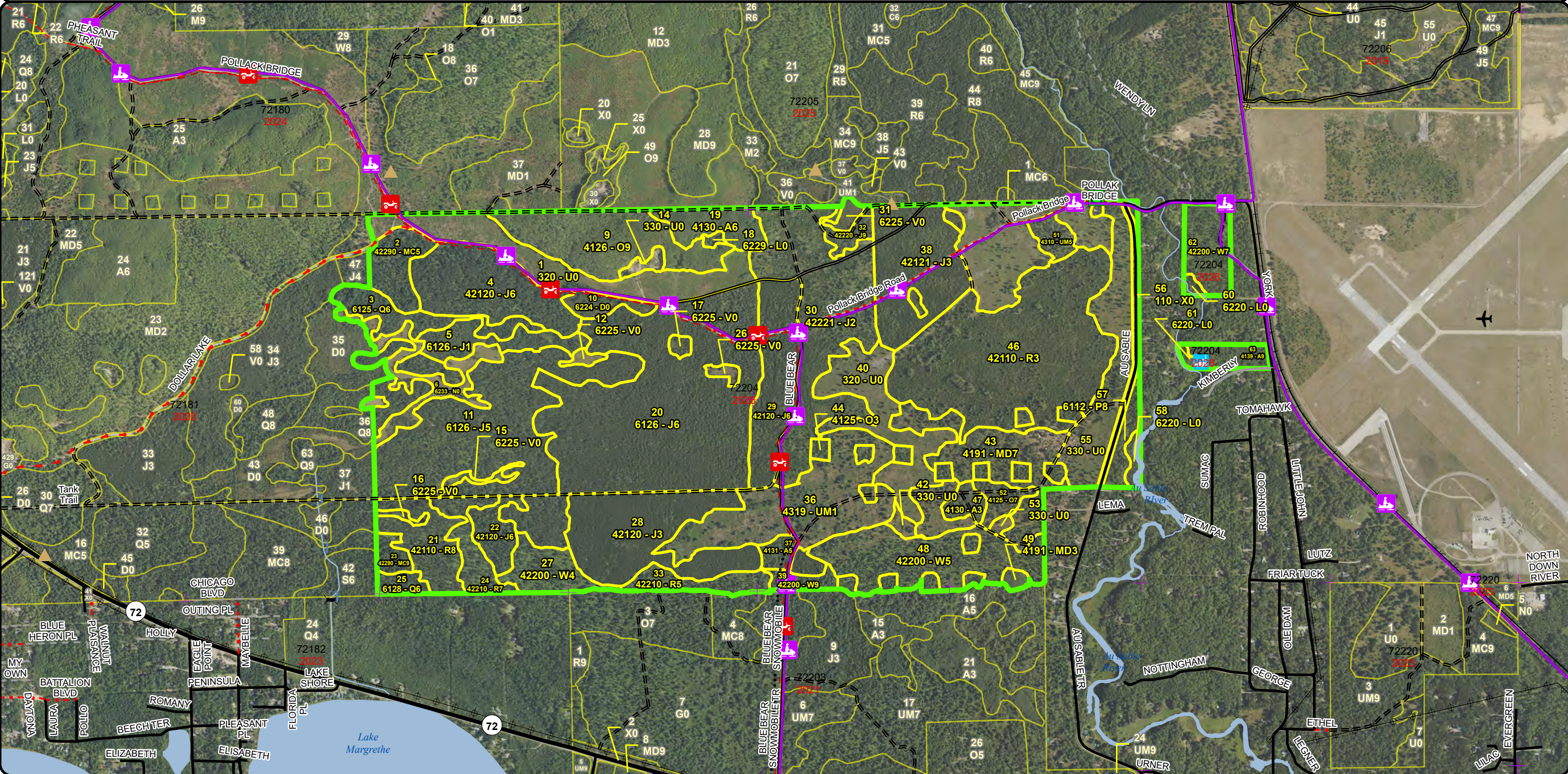


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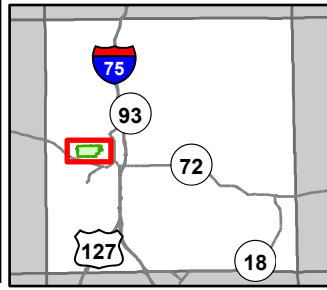


- Airport
- Berms
- Gate
- Bridges
- Culvert
- Fishing Access Site
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- Powerline
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries

- 430 - Upland Mixed Forest
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- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines



**Special Conservation Areas
& Site Conditions Map**



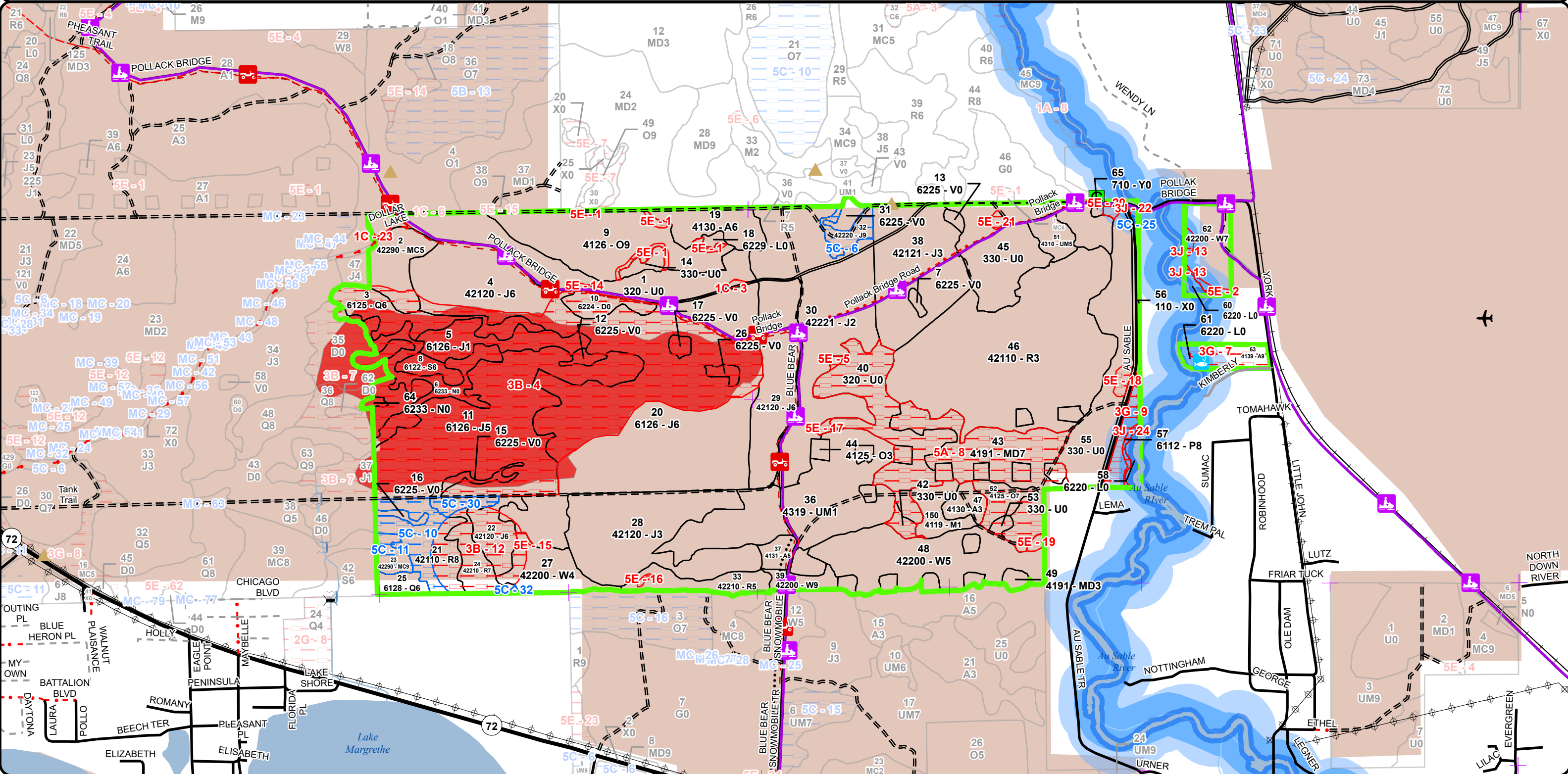
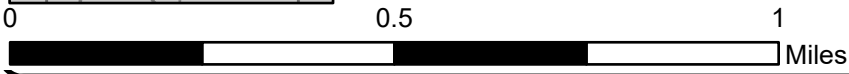
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- Private - Dirt / Gravel Road
- DNR - Management Access

- Active Railroads
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Powerline
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable

- 3G: Other Influence zones - See comments
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer
- Research, Development, and Military Lands





Age Class

| | Non-Forest | 0-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 100-109 | 110-119 | 120-129 | 130-139 | 140-149 | 150+ | Uneven-Aged | Total |
|-----------------------------|------------|-----------|------------|------------|-----------|------------|------------|-----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|-------------|-------------|
| Aspen | 0 | 0 | 5 | 0 | 15 | 5 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| Bog | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Jack Pine | 0 | 0 | 74 | 138 | 16 | 314 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 548 |
| Low-Density Trees | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 |
| Lowland Aspen/Balsam Poplar | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Lowland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| Lowland Shrub | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Lowland Spruce/Fir | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Marsh | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| Mixed Upland Deciduous | 0 | 0 | 0 | 8 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| Natural Mixed Pines | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 20 |
| Northern Hardwood | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| Oak | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 65 |
| Red Pine | 0 | 0 | 118 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 166 |
| Sand, Soil | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Treed Bog | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Upland Mixed Forest | 0 | 60 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 |
| Upland Shrub | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 |
| Urban | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| White Pine | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 83 |
| Total | 222 | 69 | 197 | 160 | 37 | 331 | 125 | 55 | 6 | 0 | 0 | 87 | 5 | 0 | 0 | 0 | 0 | 0 | 1293 |



Report 2 – Treatment Summary

Grayling Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 204

Total Compartment Acres: 1,292

Commercial Harvest - 118
 Harvests with Site Condition - 0
 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 |
|---------------------|------------|-----------|----------------|-----------|-------------|----------|-------------------|----------|----------|-------------|
| Low-Density Trees | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| Oak | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| Upland Mixed Forest | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Total | 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118 |

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|--------------|------------|------------|------------|----------|----------|------------|------------|------------|-----------------|-------------|
| Current | 118 | 0 | 0 | 0 | 36 | 0 | 51 | 0 | 0 | 205 |
| Next Step | 0 | 155 | 114 | 0 | 0 | 86 | 311 | 114 | 0 | 781 |
| Total | 118 | 155 | 114 | 0 | 0 | 123 | 311 | 165 | 0 | 985 |



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

Proposed Treatments:

| | | | | | | | | | | | |
|--|---------------------|------|---------------------------------|-------------------|-----|----------|---------|-------------------------|-------------------------|-----------|----|
| 9 | 72204009-Cut | 39.8 | 4126 - White, Black, N. Pin Oak | Sawtimber Well | 103 | 111-140 | Harvest | Clearcut with Retention | 412 - Oak Types | Even-Aged | No |
| <p><u>Prescription</u> Harvest all stems 2" and greater except, leave all red pine and white pine. Retention has been designated around old gravel pits to prevent further erosion. A retention island protecting the steep slope down to stand 18 lowland has been drawn in as well. Include shrub protection spec for hawthorn and serviceberry. Include standard military specs. Include soft oak wilt restrictions.</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> Oak is management objective but, aspen, maple, and pine are all acceptable species as well.</p> <p><u>Regen:</u></p> <p><u>Other</u> If producer is unable to chip sale, a portion of the tops should be spread throughout hill climb/gravel pit (stand 14) and used to block illegal trails/roads within stand.</p> <p><u>Comment:</u></p> <p>*Military has waived the chipping requirement during compartment review.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | | |
| 45 | 72204045-Cut | 37.5 | 330 - Low-Density Trees | Nonstocked | 0 | Immature | Harvest | Clearcut with Retention | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Harvest all stems 1" and up to prepare site for red pine planting. Protect retention established through previous harvest. Treatment will be implemented outside of the compartment YOE to expedite planting.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Roller Chopping; Pesticide, Aerial - Site Prep; Monitoring, Herbicide Use; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Other, Pre-Commercial Thinning - Hand; SitePrep, Trenching</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Red pine plantation</p> <p><u>Regen:</u></p> <p><u>Other</u> Include sale spec 3.6.1- Order of Cutting, to require stands 45, 51, and 55 be cut prior to cutting stand 9.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | | |
| 51 | 72204051-Cut | 6.3 | 4310 - Pine, Oak Mix | Poletimber Medium | 35 | 1-50 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Harvest all stems 1" and up to prepare site for red pine planting. No retention needed due to stand size. Treatment will be implemented outside of the compartment YOE to expedite planting.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; SitePrep, Roller Chopping; Pesticide, Aerial - Site Prep; Monitoring, Herbicide Use; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Other, Pre-Commercial Thinning - Hand</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Red pine plantation.</p> <p><u>Regen:</u></p> <p><u>Other</u> Include sale spec 3.6.1- Order of Cutting, to require stands 45, 51, and 55 be cut prior to cutting stand 9.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | | |



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|---|-------|-------------------------|--------------|-----------|-------------|----------------|-------------------------|-------------------------------------|---------------|-------------|
| 55 72204055-Cut | 33.9 | 330 - Low-Density Trees | Nonstocked | 0 | Unspecified | Harvest | Clearcut with Retention | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Harvest all stems 1" and up to prepare site for red pine planting. Protect retention established through previous harvest. Treatment will be implemented outside of the compartment YOE to expedite planting.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Other, Pre-Commercial Thinning - Hand;</p> <p><u>Treatments:</u> SitePrep, Roller Chopping; SitePrep, Trenching</p> <p><u>Acceptable</u> Planted red pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Include sale spec 3.6.1- Order of Cutting, to require stands 45, 51, and 55 be cut prior to cutting stand 9.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | |
| 65 72204065-Other | 0.7 | 710 - Sand, Soil | Nonstocked | 0 | Immature | Other | Other | 790 - Other Bare/Sparsely Vegetated | | No |
| <p><u>Prescription</u> Maintain site for stockpiling material dredged from sand traps. Currently used for Williams Tract and Ausable Trail sand traps.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u> When the site will no longer be used for additional sand deposits, re-contour and re-vegetate with site appropriate species as indicated in</p> <p><u>Comment:</u> IC4287 "Vegetation Restoration of ROW, Well Sites and Other Cleared Sites on State Forest Land - NLP" or current equivalent guidance.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p> | | | | | | | | | | |

Approved Treatments:

| | | | | | | | | | | |
|---|------|--------------------|------------|---|-------------|-----------|-------|-------------------------|-----------|----|
| 1 72204001-Spray | 36.2 | 320 - Upland Shrub | Nonstocked | 0 | Unspecified | Pesticide | ERROR | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> release spray</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Other, Pre-Commercial Thinning - Hand; Planting, Replant; Monitoring, Artificial Regen(3yr); Monitoring, Herbicide Use</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Fully stocked red pine stand.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | |



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|--|-------|---------------------------------|--------------|-----------|----------|----------------|------------------|---|---------------|-------------|
| 36 72204036-Other | 42.5 | 4319 - Mixed Upland Forest | Sapling Poor | 3 | 1-50 | Other | Other | 42111 - Planted Red Pine, Mixed Deciduous | Even-Aged | No |
| <p><u>Prescription</u> <u>Specs:</u></p> <p><u>Next Step</u> Pesticide, (Inactive)Aerial <u>Treatments:</u></p> <p><u>Acceptable</u> Fully stocked red pine stand. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | |
| 150 72204150-Other | 7.6 | 4119 - Mixed Northern Hardwoods | Sapling Poor | 3 | 1-50 | Other | Other | 42111 - Planted Red Pine, Mixed Deciduous | Even-Aged | No |
| <p><u>Prescription</u> PCT by hand or mechanically <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Mixed pine oak stand. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> | | | | | | | | | | |

Total Treatment 204.5
Acres Proposed:

Report 4 – Site Conditions

Grayling Mgt. Unit
Scott McClarren: Examiner

Compartment: 204
Year of Entry: 2026



Availability for Management

| Total Acres | Acres Available | Acres Avail | | Dominant Site Conditions | Dominant Site Conditions | | | | | | | | |
|----------------|--------------------|----------------|---------------|-----------------------------|--------------------------|----|-----|----|----|----|----|---|----|
| | | With Condition | Not Available | | 5C | 1C | 3B | 3G | 3J | 5A | 5E | | |
| 33 | 25 | 0 | 8 | Aspen | | | | 8 | | | | | |
| 13 | 7 | 0 | 7 | Bog | | | 7 | | | | | | |
| 547 | 336 | 6 | 206 | Jack Pine | 6 | | 206 | | | | | | 0 |
| 85 | 77 | 0 | 8 | Low-Density Trees | 0 | | | | 1 | 4 | | 4 | |
| 7 | 0 | 0 | 7 | Lowland Aspen/Balsam Poplar | | | | 6 | 1 | | | | |
| 25 | 5 | 0 | 20 | Lowland Conifers | 0 | | 20 | | | | | | |
| 7 | 7 | 0 | 0 | Lowland Shrub | | | | 0 | | | | | |
| 5 | 0 | 0 | 5 | Lowland Spruce/Fir | | | 5 | | | | | | |
| 20 | 0 | 0 | 20 | Marsh | | | 20 | | | | | | |
| 46 | 8 | 0 | 37 | Mixed Upland Deciduous | | | | | | | 37 | | |
| 20 | 12 | 4 | 3 | Natural Mixed Pines | 4 | 0 | 3 | | | | | | |
| 9 | 9 | 0 | 0 | Northern Hardwood | | | | | | | | | |
| 64 | 47 | 0 | 17 | Oak | | | | | | 14 | | 4 | |
| 156 | 129 | 18 | 8 | Red Pine | 18 | | 8 | | | | | | 0 |
| 1 | 1 | 0 | 0 | Sand, Soil | | | | | | | | | 0 |
| 7 | 0 | 0 | 7 | Treed Bog | | | 7 | | | | | | |
| 66 | 66 | 0 | 0 | Upland Mixed Forest | | | | | | | | | |
| 79 | 42 | 0 | 38 | Upland Shrub | | 1 | 0 | | | | 35 | | 2 |
| 8 | 8 | 0 | 0 | Urban | | | | | 0 | | | | 0 |
| 83 | 76 | 0 | 7 | White Pine | | | 3 | | 2 | | | | 2 |
| 1,280 | 854 | 28 | 398 | Total Forested Acres | 28 | 1 | 278 | 14 | 4 | | 89 | | 12 |
| | 67% | 2% | 31% | 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 | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| Long-term retention associated with stand 9 | | | | | | | |

Report 4 – Site Conditions

Grayling Mgt. Unit
Scott McClarren: Examiner

Compartment: 204
Year of Entry: 2026



| | | | | | | | |
|--|--------------------|---|-----|-------------|-------------|-------------|-------------|
| 2 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 3 | Unavailable | 1C: Other dept or div proc/practices | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 4 | Unavailable | 3B: Threatened, endangered, and special concern species | 259 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Lake Margrethe North - Intermittent Wetland Complex | | | | | | | |
| 5 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 6 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 6 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Small jack pine stand surrounding a bog. Small stand size and species composition makes successful regeneration difficult. | | | | | | | |
| 7 | Unavailable | 3G: Other Influence zones - See comments | 8 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Small acreage adjacent to heavy residential area. | | | | | | | |

Report 4 – Site Conditions

Grayling Mgt. Unit
Scott McClarren: Examiner

Compartment: 204
Year of Entry: 2026



| | | | | | | | |
|---|--------------------|---|----|-------------|-------------|-------------|-------------|
| 8 | Unavailable | 5A: Not able to obtain desirable regeneration | 89 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Treatment to clearcut and convert to red pine rejected by military for training concerns. Unable to obtain desirable regen. | | | | | | | |
| 9 | Unavailable | 3G: Other Influence zones - See comments | 6 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Small sliver of harvestable timber adjacent to the Ausable River, with lowland conditions, and heavy residential adjacent with private drives that cut through. | | | | | | | |
| 10 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 14 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Older healthy pine stand. Previous management intent was big tree management and to push stand towards old growth characteristics. | | | | | | | |
| 11 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 5 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Older healthy pine stand. Previous management intent in area was big tree management and to push stands towards old growth characteristics. | | | | | | | |
| 12 | Unavailable | 3B: Threatened, endangered, and special concern species | 30 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Bald eagle nest, 660' timing restriction buffer. | | | | | | | |
| 13 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 2 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: AuSable River buffer 150ft. | | | | | | | |

Report 4 – Site Conditions

Grayling Mgt. Unit
 Scott McClarren: Examiner

Compartment: 204
 Year of Entry: 2026



| | | | | | | | |
|-----------|-------------|-------------------------|---|-------------|-------------|-------------|-------------|
| 14 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 15 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 16 | Unavailable | 5E: Long-Term Retention | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 17 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 18 | Unavailable | 5E: Long-Term Retention | 2 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 19 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 20 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 21 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Grayling Mgt. Unit
Scott McClarren: Examiner

Compartment: 204
Year of Entry: 2026



| | | | | | | | |
|--|-------------|--|---|-------------|-------------|-------------|-------------|
| 22 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: AuSable River buffer 150ft. | | | | | | | |
| 23 | Unavailable | 1C: Other dept or div proc/practices | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 24 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: AuSable River buffer 150ft. | | | | | | | |
| 25 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Small sliver of state land between pvt and Ausable trail. | | | | | | | |
| 30 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Older healthy pine stand. Previous management intent was big tree management and to push stand towards old growth characteristics. | | | | | | | |
| 32 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Older healthy pine stand. Previous management intent was big tree management and to push stand towards old growth characteristics. | | | | | | | |

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 | Research and Military Areas | These areas provide facilities and lands specifically dedicated for research, or other purposes. They include the 5,847 acre Forest Fire Experiment Station, the 12,000 acre Houghton Lake Wildlife Research Area, the Beaver Islands Archipelago Wildlife Research Area (that includes most of Garden Island, all of High and Hog Islands, all state owned land on Beaver, South Fox and North Fox Islands), the Cusino Wildlife Research Area, the 3,000 acre Hunt Creek Fisheries Research Station, the 125 acre Wyman Nursery, and over 144,000 acres of Military Lands. |
| SCA | Riparian Area | A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity. |
| HCVA | Natural Rivers | There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. |
| ERA | Ecological Reference Areas | Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form. |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|---|------------|-----------|-------------|-------------------------|--|-------------|------|------------------|------------------|-------------|---------|--------------|--------|------------|---------|--------------|--------|-------------|------------|---|------|----|--|------------|----|------|---|----|--------------|---|------|---|--|------------------|---|----------|---|--|--|
| 1 | 320 - Upland Shrub | Nonstocked | 43.6 | 0 | Unspecified | 4211 - Planted Red Pine | Trail to access stand 14 was trenched and planted across to remove trail. Continued use of ORV'ers has caused mortality of trees planted here and allowed trail to come back to its original condition. Declining NPO-MC stand was harvested Dec 2018 (#633-16), chipped 2019, and closed May 2020. Slash from the sale was used to block portions of the hill climbs in the old gravel pit in stand 14 where there was an active RDR. Was trenched & planted 821 PRT RP in May 2021, with minor exclusions (C72-887). Sept 2021 Yr 1 survey: 740 TPA, 68% FTG, 5.8% mortality. Contractor release sprayed Sept 2022. Sept 2023 PUER: 60% control on the BC, 50% on the oak, 90% on the aspen, deer browse common. Oct 2023 Yr 3 survey: 628 TPA, 70% FTG, 21% mortality, lots of deer browse. Scheduled for replant. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <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>Northern Pin Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Trace</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | Northern Pin Oak | Low | 5 - 10 feet | Sapling | Red Pine | Trace | < 5 feet | Seeding | Black Cherry | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Trace | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 42290 - Natural Mixed Pine | Poletimber Medium | 15.4 | 56 | 51-80 | N/A | Changed from 2-aged to even-aged aged since almost all of the older pin oak has died. Also changed from upland to upland with lowlands due to some seasonally wet areas. Old comments- Oak experiencing mortality more than likely due to decline complex, e.g. age, site index, oak wilt, secondary pests. White pine is putting on good growth. Scattered throughout the stand but heaviest to the south. Jack pine is doing well where it was free to grow. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 50 | Pole | 7 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 2 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 35 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 1 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 7 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 6125 - Lowland Black Spruce, Jack Pine | Poletimber Well | 20.2 | 60 | 51-80 | N/A | Stand gets wetter and smaller in the east half. Old comments- Narrow strip between upland jack pine plantation and lowland jack pine plantation. This stand is the transition between the two. Spruce where more than likely released when the stand was harvested in the late 70's. Jack pine was then inter planted between clumps of spruce. Spruce understory is growing in clumps. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 48 | Pole | 7 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 40 | Pole | 7 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 42120 - Planted Jack Pine | Poletimber Well | 42.1 | 45 | 51-80 | N/A | Called stand upland with lowland since there are large portions of stand what look seasonally wet with sheep laurel and blueberry. Old comments- Same age as adjacent stands. This stand contains more upland species than adjacent plantaion stands. Oak to the north, spruce to the south. Stand does not drop much in elevation. South edge is a transition from upland to lowland. Planted jack pine with natural jack pine mixed in. Previous inventory suggested natural origin but stand was part of larger planting block and contains evidence of rows. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 3 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 87 | Pole | 7 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 3 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Trace | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Trace | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|--------------------|------------|-------------|----------|--------------|---|------------|----|--------------|--------------|-------|----------------|---------|--------------|-----|--|------------|------------|----------|----|---------|--------------|----|--------------|---|----|--|----|--------------------|---------|-------------|---|------------|--------------------|----------|-------------|---|--------------|--------------------|----------|-------------|-----------|-----------------|----------|--------------|------------------------------|----------|----------|------------|----------|-----------|----------|----------|------|-----------|--------|----------|---------|------------|-----|----------|---------|--------------|-----|----------|---------|
| 5 | 6126 - Lowland Jack Pine | Sapling Poor | 15.6 | 39 | 1-50 | N/A | Old comments - Water table appears to be higher in this stand compared to adjacent stands. Dense pockets of understory jack pine mixed with open areas. These areas may contain standing water during parts of the year. Previous inventory called this stand a treed bog. Part of a larger intermittent wetland complex. Harvested in late 70's. Stand was either avoided when adjacent stands were planted or plantation failed. Natural plant community as since succeeded. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 15 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 68 | Sapling/Pole | 4 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6233 - Wet Meadow | Nonstocked | 18.9 | | | No | Old comments- Scattered trees along perimeter. Ground cover changes yearly from grass to water to shrub depending on the water table. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 6225 - Bog | Nonstocked | 1.2 | 0 | | No | Bog separated into new stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 6122 - Black Spruce | Poletimber Well | 4.8 | 60 | 111-140 | N/A | Part of surrounding plantation but with a higher mix of spruce and natural pine. This stand is separated by low ground which is seasonally wet. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 20 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 20 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 50 | Pole | 8 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 4126 - White, Black, N. Pin Oak | Sawtimber Well | 43.8 | 103 | 111-140 | N/A | 2024-Heavily declining Oak throughout stand. West side of stand is dominated by White Oak, east side more Hybrid Red Oak interspersed with some W. Oak. Component of Aspen scattered throughout, but most is on north side. Centrally located pocket has good Red and White Pine regeneration. Some Hawthorn and Serviceberry, seems to be on ridgetops on eastern side. 2014-Stand is made up of several ridges with a south aspect. White oak is more prevalent along the bottom of the ridges. A heavy white pine understory is also present here. Understory is minimal along the top of the ridges. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 5 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 35 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 1 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 55 | Log/Pole | 12 | 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hawthorn (spp.) | Low | 10 - 20 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Low | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 6224 - Treed Bog | Nonstocked | 6.7 | | | No | Old comments- Trees range from seedling to pole size. Evenly distributed. Good example of an evolving intermittent wetland succeeding to a lowland conifer forest. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Medium | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Trace | | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|---|------------|--------------------|-------------|--------------|--|------------------------------|----------|---|------------|------------------------------|--------|------|------------|------------------------------|------------|---|------------|-------------|------|----------|------------|-----|----|--|----------|---|------|---|--|--|--|--------------------|---------|-------------|------|--------------|-----|----------|---------|------------------------------|------|----------|------------|--------------|-----|----------|---------|
| 11 | 6126 - Lowland Jack Pine | Poletimber Medium | 97.8 | 45 | 1-50 | N/A | Lowland jack pine with a mosaic of openings and wet areas. Sheep laurel and blueberry understory most places. Old comments- Planted jack pine stand. Originally planted with surrounding pine stands. Stand appears to have been subject to mortality early on due to the seasonably higher water table in this area. Jack pine and black spruce filling in canopy gaps. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Black Spruce | 10 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 80 | Pole | 6 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 3 | Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | Full | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 6225 - Bog | Nonstocked | 1.8 | | | No | Seasonally to yearly wet. Water table fluctuates as a natural process with this community. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherleaf | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 6225 - Bog | Nonstocked | 1.3 | 0 | Unspecified | No | Small bog split into new stand from parent stand 38. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 330 - Low-Density Trees | Nonstocked | 2.8 | | | No | Old gravel pit. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 6225 - Bog | Nonstocked | 2.7 | | | No | Old comments- Seasonally to yearly wet. Water table fluctuates as a natural process within this community. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Medium | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherleaf | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 6225 - Bog | Nonstocked | 1.6 | | Immature | No | Forested drain filled in with leatherleaf and blue berry. Part of surrounding pine plantation but had a higher water table more often than surrounding stand, causing its non-forested condition. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherleaf | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 6225 - Bog | Nonstocked | 1.8 | | Immature | No | Seasonally to yearly wet. Water table fluctuates as a natural process in this community. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherleaf | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 6229 - Mixed lowland shrub | Nonstocked | 1.1 | | | No | Small kettle hole in surrounding hills. Seasonally wet. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | Low | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|------------------|---------|------------|----------|--------------|---|------------------------|----|------|----|-----|------------------|----|----------|----|----|------------|----|---------------|----|-----|---|----|----------|----|--------------------|--------------|-------------|------|----------------------|-------|--|---------|--------------|-----|--------------------|---|-------------|------|----------------------|--------------------|-----------|-------------|--------------|--------------|----------|----------|------------------|------------|----------|----------|-----------|-----|----------|---------|
| 19 | 4130 - Aspen | Poletimber Well | 14.9 | 36 | 81-110 | N/A | Very steep slope down to bog. Aspen with a small component of oak. Old comments- Stand consists of a large bowl that faces to the east. Aspen is growing well on this site due to the fact that it is protected from extreme conditions of adjacent south facing slopes. Parent stand was dominant with oak but had a good mix of aspen. Harvested under contract # 72-008-87-01, Yellow Oak Block in mid 1988. 226 crds. of mixed oak, 165 crds. of aspen, and 52 crds. of red maple. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Black/Red (Hybrid) Oak | 7 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 88 | Pole | 8 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 6126 - Lowland Jack Pine | Poletimber Well | 162.6 | 45 | 51-80 | N/A | Old comments- Planted jack pine. Stand is driest to the south and east. As you move north and west stand becomes more wet with an increase of blueberry and other wetland species in the understory. Sub-surface water flow and wetland depressions present in this part. Heavy deer use during winter months for cover. Trenched and seeded in 1979. Stand is part of the Lake Margrethe North intermittent wetland complex as described by MNFI. This plant community is an ERA which contains a host of threatened or rare flora and fauna. Only the north portion of this stand lies within the ERA itself but this stand should be considered as part of the surrounding upland sites which buffer the intermittent wetland. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Northern Pin Oak | 3 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 86 | Pole | 7 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log/Pole/XLog | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 1 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Trace | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 42110 - Planted Red Pine | Sawtimber Medium | 21.7 | 100 | 81-110 | N/A | Changed origin from 1908 to 1924 after coring multiple trees, but there are older natural red pine and white pine throughout (mostly on east side of stand). Also changed stand to upland with lowlands. Areas heavy to sheep laurel seem to be wetter. Harvested 2021, Kevin Pine #72-647-16. Old comments- Old red pine plantation with natural white pine. Highest BA towards the east with the least amount of understory. Red maple and spruce become present in the canopy towards the west. Water table also rises. Multiple fires have occurred in this area, prescribed or otherwise. Heavy deer use during winter months. Understory maple has been browsed for years. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 2 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | XLog/Log | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 88 | XLog/Log | 18 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | Trace | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 42120 - Planted Jack Pine | Poletimber Well | 10.8 | 45 | 81-110 | N/A | Changed stand to even-aged due to oak mortality. Called stand upland with lowland due what looks like fluctuating ground water and sheep laurel in places. Old comments- Mix of planted jack pine and natural white, red, jack pine. Oak canopy was removed forty plus years ago. Stand was either supplemental planted or was part of adjacent jack pine stand to the east and failed. White pine is of good form. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>60</td> <td>Pole</td> <td>9</td> <td>45</td> </tr> <tr> <td>Black Spruce</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>7</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Pine | 5 | Log | 12 | | Red Maple | 10 | Pole/Log | 9 | | White Pine | 15 | Log/Pole | 10 | | Jack Pine | 60 | Pole | 9 | 45 | Black Spruce | 3 | Pole | 8 | | Northern Pin Oak | 7 | Log | 14 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | Black Spruce | Low | Variable | Sapling | White Pine | Medium | Variable | Sapling | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 15 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 60 | Pole | 9 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 3 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 7 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 42290 - Natural Mixed Pine | Sawtimber Well | 5.0 | 116 | 81-110 | N/A | Natural red and white pine spruce in sub canopy. Legacy white pines throughout. Old comments- Small ridge along the north contains oak component with a heavier white pine understory. Red maple and spruce increase off this ridge with the understory converting to spruce. Spruce seedlings are present here. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>45</td> <td>Log</td> <td>17</td> <td>116</td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>18</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>30</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> <tr> <td>White Oak</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Pine | 45 | Log | 17 | 116 | Northern Pin Oak | 5 | Log | 15 | | Red Maple | 18 | Log | 14 | | White Pine | 30 | XLog/Log | 20 | | White Oak | 2 | Log | 12 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>Trace</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | Northern White Cedar | Trace | >20 feet | Pole | White Pine | Low | Variable | Sapling | Black Spruce | Medium | >20 feet | Pole | Red Maple | Low | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 45 | Log | 17 | 116 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 5 | Log | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 18 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 30 | XLog/Log | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 2 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | Trace | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Medium | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|------------|--------------------|----------|--------------|---|----------|---------------|---|---------|-----------|-------|----------|---------|------------------------------|----------------------|----|------------|-------------|--------|---|------------|--------------------|---------|-------------|------------|-----------|----------|-------------|---------|------------|-----|---|---------|--|--|--|--------------------|---------|-------------|------|--------------|--------|----------|---------|--|--|--|--|
| 24 | 42210 - Natural Red Pine | Sawtimber Poor | 13.8 | 106 | 51-80 | N/A | Stand was opened up more than adjacent stand 21 due to canopy gap creation. Harvested 2021, Kevin Pine #72-647-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>30</td> <td>Pole/Log/XLog</td> <td>9</td> <td>56</td> </tr> <tr> <td>Red Pine</td> <td>65</td> <td>XLog/Log</td> <td>19</td> <td>106</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Pine | 30 | Pole/Log/XLog | 9 | 56 | Red Pine | 65 | XLog/Log | 19 | 106 | Black Spruce | 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>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | 5 - 10 feet | Sapling | White Pine | Low | Variable | Sapling | <p>Old comments- Part of red pine plantation to the west. Thinned multiple YOE's to promote natural pine regeneration. White pine varies 20 years in the log size class. Plus 2 other age classes in the pole size class and understory. Paper birch and jack pine also make up components of this stand. Oak is fading fast due to age.</p> | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 30 | Pole/Log/XLog | 9 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 65 | XLog/Log | 19 | 106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 6128 - Lowland Coniferous, Mixed Deciduous | Poletimber Well | 4.5 | 66 | 111-140 | N/A | White cedar is hollow for the most part. Stand is seasonally wet but should be solid enough to operate on during dry summer months or frozen winter months. Heavy deer use as cover during winter months. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>44</td> <td>Pole</td> <td>8</td> <td>66</td> </tr> <tr> <td>Red Pine</td> <td>3</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>25</td> <td>Log/Pole</td> <td>10</td> <td>100</td> </tr> <tr> <td>Paper Birch</td> <td>4</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>4</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Black Spruce | 44 | Pole | 8 | 66 | Red Pine | 3 | Log/XLog | 16 | | Northern White Cedar | 25 | Log/Pole | 10 | 100 | Paper Birch | 4 | Log/Pole | 10 | | White Pine | 4 | Log/XLog | 16 | | Red Maple | 20 | Log | 12 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black Spruce | Medium | Variable | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 44 | Pole | 8 | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 3 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 25 | Log/Pole | 10 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 4 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 4 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 6225 - Bog | Nonstocked | 2.0 | | | No | Seasonally to yearly wet. Water fluctuates as a natural process in this community. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <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>Tamarack</td> <td>Trace</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Trace</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Blueberry/Bilberry/Cranberry</td> <td>Medium</td> <td></td> <td>Tall Shrub</td> </tr> <tr> <td>Leatherleaf</td> <td>Medium</td> <td></td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tamarack | Trace | | Sapling | Jack Pine | Trace | | Sapling | Blueberry/Bilberry/Cranberry | Medium | | Tall Shrub | Leatherleaf | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherleaf | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 42200 - Natural White Pine | Poletimber Poor | 15.6 | 53 | 1-50 | N/A | Used old cutting record from 1971 for canopy age, but has some variability. Understory white pine left after harvest now dominates the canopy percentage. Pole, log, and x-log pine scattered throughout with some open areas as well. Stand met regen objectives. Stand harvested 2019, 204 Painted Firewood #72-634-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 78 | Pole/Sap/Log | 5 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 10 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 2 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 42120 - Planted Jack Pine | Sapling Well | 58.0 | 27 | Immature | N/A | Edge call made from north side of stand and using aerial imagery to confirm previous stand examiner's data. Changed stand to upland with lowland due to some areas of hummacky ground containing sheep laurel. Old comments- Old railroad grade runs along north edge of stand. Heavy deer use during winter months for cover. Harvested under contract # 72-014-96-01, Amy Jack Block in 1996. Planted under FTP C72-389 in April of 1997. Inclusion of jack pine to the east which was planted in 1989. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 100 | Sapling/Pole | 4 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|------------|--------------------|----------|--------------|---|------------------|------------------------------|---------|----|------------|------------------|------|----------|------------|-----|--|----|--------------------|---------|-------------|--|------------------------|--------------------|----------|-------------|------------------|------------------|-------------|----------|----------|------------|----------|----------|---------|--------------|--------|----------|---------|
| 29 | 42120 - Planted Jack Pine | Poletimber Well | 34.4 | 28 | 1-50 | N/A | There is some humacky ground towards the south half but still looks like upland throughout. Old comments- Natural jack pine stand with inter planted jack pine. The younger age class of jack pine appears to be concentrated to the north and south. Previous inventory referenced 15 acres as being seeded due to poor stocking. Stand was harvested in 1988 under contract# 72-007-87-01, Tank Trap Block. FTP was drafted and submitted for this YO. FTP# C72-384 was submitted April 1996 to plant open areas to jack pine. Planting summary was completed in June of '96. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Northern Pin Oak</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Pole</td> <td>5</td> <td>28</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Northern Pin Oak | 10 | Pole | 6 | | Jack Pine | 90 | Pole | 5 | 28 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black/Red (Hybrid) Oak | Low | < 5 feet | Seeding | Black Cherry | Medium | Variable | Sapling | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 90 | Pole | 5 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 42221 - Natural Jack Pine, Mixed Deciduous | Sapling Medium | 74.2 | 18 | 1-50 | N/A | Mosaic of jack pine, open cherry, and oak. Changed stand to even aged (not enough older oak left to call 2 aged). Old comments-Minimal deciduous regeneration because of heavy deer browse. Snow limited. Maybe more oak under 3 ft which have not been browsed. Super canopy oak experiencing mortality. Sub-canopy oak and aspen are browsed individuals. Sub-canopy jack are seedlings. Portions of the stand have an oak management objective. All portions fail for oak and pass for jack pine. Harvested under contract # 72-032-05-01, Blue Bear Snow in July of 2006. Left all red pine and white pine as well as scattered individual retention trees and painted out islands. Harvest was made up of eight different stands, six oak and two jack pine. Needs more regeneration work. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Log/XLog</td> <td>16</td> <td>108</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>3</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>65</td> <td>Sapling</td> <td>2</td> <td>18</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Black Cherry | 10 | Sapling | 1 | | Northern Pin Oak | 5 | Log/XLog | 16 | 108 | Red Maple | 5 | Sapling | 2 | | Quaking Aspen | 3 | Sapling | 2 | | White Pine | 2 | Log/Pole | 10 | | Jack Pine | 65 | Sapling | 2 | 18 | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 5 | Log/XLog | 16 | 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 3 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 2 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 65 | Sapling | 2 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 6225 - Bog | Nonstocked | 2.9 | | | No | Blueberry bog | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <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>Blueberry/Bilberry/Cranberry</td> <td>High</td> <td></td> <td>Tall Shrub</td> </tr> <tr> <td>Leatherleaf</td> <td>High</td> <td></td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | | Size | Blueberry/Bilberry/Cranberry | High | | Tall Shrub | Leatherleaf | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blueberry/Bilberry/Cranberry | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherleaf | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 42220 - Natural Jack Pine | Sawtimber Well | 5.9 | 72 | 51-80 | N/A | Natural jack pine stand surrounding a small bog. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Northern Pin Oak</td> <td>20</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>10</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>78</td> <td>Log/Pole</td> <td>10</td> <td>72</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Northern Pin Oak | 20 | Log | 12 | | White Pine | 2 | Log | 10 | | Jack Pine | 78 | Log/Pole | 10 | 72 | <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>Northern Pin Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Northern Pin Oak | Low | < 5 feet | Sapling | White Pine | Low | Variable | Sapling | Black Cherry | Medium | < 5 feet | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 20 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 2 | Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 78 | Log/Pole | 10 | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 42210 - Natural Red Pine | Poletimber Medium | 11.5 | 43 | 51-80 | N/A | Stand was not opened up enough to facilitate good regeneration but, existing red and white pine pole timber was released and now make up canopy. Stand harvested in 2019 204 Painted Firewood (72-634-16). Rx says 30-50 BA, but is over 100 in places. Oak stand with under planted red pine. White pine is natural and approximately the same age as the red pine. Oak is experiencing mortality. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 25 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 75 | Pole/Log | 9 | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Trace | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Trace | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------------------|------------|-------------|-------------|--|--|------------------|----|--------------|------------------|-----|------------------|-----|----------|----|--|------------------|----|--------------|----|----|---|----|--------------------|---------|-------------|--------------|-----------|--------------|--------------|---------|---|-----|--------------------|---------|-------------|------|------------|---------|----------|---------|--------------|--------|----------|---------|------------------|-----|-------------|---------|--|--|
| 36 | 4319 - Mixed Upland Forest | Sapling Poor | 59.6 | 3 | 1-50 | N/A | Planted red pine among a lot of residual oak and pine. RP should dominate canopy next rotation. Old comments- Was cut July 2006 (#032-05), leaving all RP-WP, marked leave trees and ret islands.. Sparse regen heavily browsed. Residual NPO mortality. Most of the stand (42 acres) was chopped in 2016 and trenched in 2017 (C72-804), excluding pockets of oak residual and regen left for diversity. Was site-prep sprayed June 2019. Planted 1052 TPA PRT RP in May 2021. Sept 2021 Yr 1 survey: 848 TPA, 81% FTG, 9.6% mortality. BC is the primary competitor, O-RM secondary. Oct 2023 Yr 3 survey: 911 TPA, 80% FTG, 7% mortality, primary competitor BC, secondary oak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 40 | Sapling | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 7 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 43 | Sapling | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 4131 - Aspen, Oak | Poletimber Medium | 4.6 | 42 | 51-80 | N/A | Old railroad grade runs through this stand. Snowmobile trail is also adjacent. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>50</td> <td>Pole</td> <td>7</td> <td>42</td> </tr> <tr> <td>Northern Pin Oak</td> <td>30</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 50 | Pole | 7 | 42 | Northern Pin Oak | 30 | Pole | 7 | | Jack Pine | 5 | Pole | 8 | | White Pine | 10 | Pole/Log | 9 | | Black Cherry | 5 | Pole/Sapling | 5 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern Pin Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | White Pine | Low | Variable | Sapling | Black Cherry | Medium | Variable | Sapling | Northern Pin Oak | Low | 5 - 10 feet | Sapling | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 50 | Pole | 7 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 30 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 42121 - Planted Jack Pine, Mixed Deciduous | Sapling Well | 46.0 | 28 | 1-50 | N/A | Some pole size areas but, still overall sapling sized. Old comments- Jack pine is dense. Oak has overtopped the jack pine in most places. Stand will be a nice mix in the future providing it self thins. Stand was harvested in 1989 under contract # 72-009-87-01, Refrigerator Block. FTP# C72-384 was submitted April 1996 to plant open areas to red pine. Planting summary was completed in June of '96 and indicated jack pine was planted instead. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 67 | Sapling/Pole | 4 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 3 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 30 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 42200 - Natural White Pine | Sawtimber Well | 5.2 | 56 | 81-110 | N/A | Jack pine and red maple understory in current canopy gaps. Will recruit into the canopy. White pine put on good diameter growth since release. Oak stump sprouts represent canopy oak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Northern Pin Oak</td> <td>10</td> <td>Pole</td> <td>6</td> <td>30</td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>White Pine</td> <td>88</td> <td>Log/Pole</td> <td>11</td> <td>56</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Northern Pin Oak | 10 | Pole | 6 | 30 | Red Pine | 2 | Pole/Log | 9 | | White Pine | 88 | Log/Pole | 11 | 56 | <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>Northern Pin Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | 10 - 20 feet | Sapling | Northern Pin Oak | Low | Variable | Sapling | Jack Pine | Low | Variable | Sapling | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 10 | Pole | 6 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 88 | Log/Pole | 11 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 320 - Upland Shrub | Nonstocked | 35.8 | 0 | Unspecified | 42221 - Natural Jack Pine, Mixed Deciduous | Stand regenerated to mostly cherry with a heavily browsed component of oak. A pocket of aspen/cherry in middle of stand. Stand 34 merged with stand 40 following harvest. Jamaican Jack #72-635-16, harvested Jan 2021. Stand 40 old comments- Oak and jack pine both experiencing mortality. Heavy jack pine snapping and debris on forest floor. Younger age class of oak is doing well. Stand 34 old comments- Jack pine plantation. Scattered older stems of natural jack pine. Mortality is occurring in the oak and older stems of jack pine. Minimal understory. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 330 - Low-Density Trees | Nonstocked | 2.4 | | | No | Grassy opening with some cherry, oak, and jack pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | | Log | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------|------------|------------|----------|--|---|--------------|----|--------------|----|--|------------------|----|--------------|----|----|------------------|----|--------------|----|----|---------------|----|--------------|---|----|----------------|----|--------------|---|--|--|---|--------------------|---------|-------------|------|------------------|--------|----------|------------|------------|-----|----------|---------|------------------|-----|----------|---------|---------------|-------|-------------|
| 43 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Poor | 37.3 | 56 | 1-50 | N/A | <p>Changed from 2-aged to even aged. Most of the 108 year old oak has died and cannot be another age class. Stand 50 merged with stand 43 due to similar characteristics. Stand 43 old comments- Meets 30% crown closure. Stand contains two aspen clones with scattered canopy oak and jack pine. Primarily a cherry brush stand in the understory. Stand 50 old comments- Harvested under contract # 72-034-05-01, Patchy Oak in June of 2006, cutting all oak, aspen, jack pine, and red maple 2" and up. Left red and white pine. Successfully expanded aspen clone in previous harvest but not enough to overcome cherry in this stand. Oak regeneration was low from previous harvest and has experienced heavy deer browse. Black cherry is dominate throughout most parts of this stand. Eight acres in the stand's SW were chopped in 2016 and trenched in 2017 (C72-804). That has now been split off as stand 150.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 15 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 30 | Log | 15 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 15 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 30 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | Variable | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Trace | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 4125 - Black, N. Pin Oak | Sapling Well | 13.6 | 27 | 1-50 | N/A | <p>Old comments- Oak is growing well. Most patches are fully stocked with oak growing from stump sprout (average 7 stems/stump.) Aspen is only dominate where a clone was located. Even mix of pine in most.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 70 | Sapling/Pole | 4 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 13 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 330 - Low-Density Trees | Nonstocked | 40.6 | 0 | Immature | 42221 - Natural Jack Pine, Mixed Deciduous | <p>A few small pockets of aspen, heavily browsed oak, and scattered jack pine seedlings following harvest, but has failed to meet natural regen objectives. Small bog in north excluded from harvest. Final harvest Completed Jan of 2021. Leave all red and white pine. Old comments: Jack pine is two aged. Previous harvest left oak and more than likely unmerchantable jack pine. Stand was then planted through. Older pine and oak are dying out of the stand.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 42110 - Planted Red Pine | Sapling Well | 118.0 | 16 | 1-50 | N/A | <p>Changed stand to even-aged, not enough in residuals to call 2-aged. Red pine looks healthy. Some jp and cherry competition in places, but overall stand looks good. Old comments- 40% of stand is free to grow, more if all pine is included. White pine was left from previous harvest. Oak super canopy is in retention islands and was not planted through. Natural jack pine will succeed with this stand. Harvested under contract # 72-036-05-01, AuSable Trail Sale in August of 2006. Trenched and planted spring of 2008 under FTP C72-562.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log/Pole | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 5 | Sapling | 1 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 70 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 8 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 2 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 4130 - Aspen | Sapling Well | 5.3 | 18 | Immature | N/A | <p>Old comments- Aspen regenerated well. Expanded outside of old stand 87 to the west. Harvested under contract # 72-034-05-01, Patchy Oak in June of 2006. Cut all oak, aspen, jack pine, and red maple 2" and up. Left red and white pine. Old stand 87 passes aspen MO.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 1 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 89 | Sapling | 3 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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

| | | | | | | | |
|-----------|----------------------------|-------------------|------|----|------|-----|--|
| 48 | 42200 - Natural White Pine | Poletimber Medium | 44.8 | 50 | 1-50 | N/A | <p>2024- Stand 41 merged with Stand 48 to maintain mapping guidelines. NW section of stand was Stand 41- Heavily declining Jack Pine and Hybrid Oak with some scattered W Pine. Roughly 1 acre patch on W side around 80 BA, rest of stand 41 sparse, maybe 20-30 BA, less than 30-40% canopy cover. Good Red Maple regeneration coming in most of this area, should convert well to mixed hardwood deciduous cover type.</p> <p>Majority of stand 48 covered under 72-634-16 Painted Firewood. Essentially converted stand to White Pine typing. Cored several W. Pine in 6-10" DBH class, avg age of 50 years. Scattered R Pine throughout, with pocket near center of stand heavy to R Pine. Occasional scattered White Oak.</p> <p>Appearance of a shelterwood, with many stump sprouted R Oak that have already reached 6-8 ft recruitment size.</p> <p>2019-Stand harvested in 2019, 204 Painted Firewood (72-634-16).</p> <p>Inclusion of aspen in the SE corner. Oak is experiencing mortality throughout the stand. Pine is succeeding.</p> |
|-----------|----------------------------|-------------------|------|----|------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|------------|-----|-----|--------------------|---------|-------------|---------|
| Red Pine | 9 | Log/Pole | 11 | | White Pine | Low | < 5 feet | Sapling |
| White Pine | 90 | Pole | 9 | 50 | Aspen (spp.) | Low | 5 - 10 feet | Sapling |
| White Oak | 1 | Pole | 6 | | Red Oak | Low | 5 - 10 feet | Sapling |

| | | | | | | | |
|-----------|--|--------------|-----|----|----------|-----|--|
| 49 | 4191 - Mixed Upland Deciduous with Conifer | Sapling Well | 8.4 | 27 | Immature | N/A | <p>2024- Two easternmost pockets are A3 stands, with western of those two approaching pole size class. Others are varied cover types and canopy closures. Oak/Maple mix, Cherry/Oak mix, etc. All have components of oak.</p> <p>2014-Eastern most pocket is an A 3 stand. Aspen becomes less of a component as you move west. Pine becomes more prevalent. Western most patches have the lowest stocking.</p> |
|-----------|--|--------------|-----|----|----------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|--------------|-----|-----|--------------------|---------|-------------|---------|
| Red Maple | 3 | Sapling | 3 | 27 | White Pine | Medium | < 5 feet | Sapling |
| White Pine | 10 | Sapling | 4 | | Jack Pine | Medium | < 5 feet | Sapling |
| Quaking Aspen | 25 | Sapling/Pole | 5 | 27 | Northern Pin Oak | Low | 5 - 10 feet | Seeding |
| Northern Pin Oak | 45 | Sapling/Pole | 5 | 27 | | | | |
| Red Pine | 2 | Sapling | 4 | | | | | |

| | | | | | | | |
|-----------|----------------------|-------------------|-----|----|------|-----|--|
| 51 | 4310 - Pine, Oak Mix | Poletimber Medium | 6.3 | 35 | 1-50 | N/A | <p>Old comments- Stand is progressing slowly. White pine was left from harvest, should help fill in gaps later on.</p> |
|-----------|----------------------|-------------------|-----|----|------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|--------------|-----|-----|--------------------|---------|-------------|---------|
| Northern Pin Oak | 28 | Pole/Sapling | 5 | 35 | Black Cherry | Medium | Variable | Sapling |
| Jack Pine | 32 | Pole/Sapling | 5 | 35 | Jack Pine | Low | < 5 feet | Sapling |
| Bigtooth Aspen | 20 | Pole | 7 | | | | | |
| Black Cherry | 10 | Sapling | 4 | | | | | |
| White Pine | 10 | Log/Pole | 10 | | | | | |

| | | | | | | | |
|-----------|--------------------------|----------------|-----|-----|------|-----|--|
| 52 | 4125 - Black, N. Pin Oak | Sawtimber Poor | 6.6 | 108 | 1-50 | N/A | <p>Widely spaced over-mature wolfy pin oak with open areas containing cherry brush and some oak.</p> <p>Old comments- Naturally open stand with an old cherry understory. Both are experiencing mortality.</p> |
|-----------|--------------------------|----------------|-----|-----|------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|------------------|---------|------------|-----|-----|--------------------|---------|--------------|---------|
| White Pine | 2 | Log/Pole | 10 | | Black Cherry | High | 10 - 20 feet | Pole |
| Jack Pine | 2 | Log/Pole | 10 | | Jack Pine | Trace | Variable | Sapling |
| Black Cherry | 5 | Pole | 8 | | Northern Pin Oak | Low | 5 - 10 feet | Sapling |
| Northern Pin Oak | 91 | XLog | 20 | 108 | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | |
|---------------------------|---------------------------|--------------------|-------------|-----------|-------------|--|---|---------------------------|----------------|--------------------|-------------|------------|
| 53 | 330 - Low-Density Trees | Nonstocked | 1.4 | | | No | Grassy opening with a few large pin oaks and some cherry brush. | | | | | |
| | | | | | | | | Sub-Canopy Species | Density | Avg. Height | Size | |
| | | | | | | | | Northern Pin Oak | Medium | | Log | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 55 | 330 - Low-Density Trees | Nonstocked | 37.8 | 0 | Unspecified | 4191 - Mixed Upland Deciduous with Conifer | Stand failed to meet natural regen objective following harvest. Mostly cherry with some scattered jp seedlings. Merged opening (stand 54) in southwest with stand 55. White pine and red pine residuals throughout. Ausable Trail Oak #72-633-16. Harvested 11/18, chipped 04/19, and closed 05/20 once the final wood was removed from PU2.Heavy oak and jack pine mortality. Oak was thinned 47 years ago except for a small pocket to the south which is on a small ridge with better site quality. White oak and most of the older age class of jack pine are in this area. Aspen exists in several small clones. | | | | | |
| | | | | | | | | Sub-Canopy Species | Density | Avg. Height | Size | |
| | | | | | | | | Black Cherry | Low | | Tall Shrub | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 56 | 110 - Low Intensity Urban | Nonstocked | 7.5 | | | No | S. AuSable Trl. | | | | | |
| 57 | 6112 - Lowland Aspen | Sawtimber Medium | 7.4 | 57 | 81-110 | N/A | Somewhat open aspen with heavy shrubs in understory. Old comments- Oak is on upland site along north boundary. Aspen is in the river floodplain. | | | | | |
| | | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age |
| | | | | | | | | Northern Pin Oak | 15 | Log | 16 | 103 |
| | | | | | | | | Quaking Aspen | 60 | Log/Pole | 11 | 57 |
| | | | | | | | | White Pine | 7 | Log/Pole | 10 | |
| | | | | | | | | Jack Pine | 10 | Log | 12 | |
| | | | | | | | | Black Cherry | 5 | Pole | 7 | |
| | | | | | | | | Red Maple | 3 | Log | 12 | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | |
| Black Cherry | High | Variable | Sapling | | | | | | | | | |
| Wild Raisin | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 58 | 6220 - Alder/willow | Nonstocked | 3.1 | | | No | Tag alder and Ausable River. | | | | | |
| | | | | | | | | Sub-Canopy Species | Density | Avg. Height | Size | |
| | | | | | | | | Tag Alder | Full | | Tall Shrub | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 60 | 6220 - Alder/willow | Nonstocked | 1.5 | | | No | Tag alder with a few scattered cedar, birch, pine in stand.Old comments- Year around wet stand along river. AuSable river runs through this stand. | | | | | |
| | | | | | | | | Sub-Canopy Species | Density | Avg. Height | Size | |
| | | | | | | | | Tag Alder | Full | | Tall Shrub | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 61 | 6220 - Alder/willow | Nonstocked | 1.6 | | | No | Mostly open grass lowland with some willow and tag alder. Ausable River included in stand. | | | | | |
| | | | | | | | | Sub-Canopy Species | Density | Avg. Height | Size | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|----------------|---------|------------|----------|--------------|--|--------------|----------|----------|----|----------|----------|----------|---------|----|------------|--|----------|--------------------|---------|----------------|------------------|------------|---------|-------------|-----------|--------------|----------|----------|---------|----------------|--------|--------------|---------|--|--|--|--------------------|---------|-------------|------|-----------|--------|----------|---------|------------|--------|----------|---------|--------------|-----|----------|---------|
| 62 | 42200 - Natural White Pine | Sawtimber Poor | 17.4 | 66 | 1-50 | N/A | Stand has a shelterwood appearance following harvest with basal area ranging from 20-100 (around 50 on avg). Some white pine regen in southern half of stand. Some large portions of stand where ba is higher, consist mostly of scattered cherry brush in understory. A couple pockets of aspen regen in places too (mostly in north). Overall stand met regen objectives following harvest. RMZ and portion east of trail not included in harvest but, too small to make separate stands. Harvested in winter of 2016/2017. All oak, red maple, and aspen were harvested, leaving all white and red pine. Some mortality in the oak. White pine and maple succeeding through the canopy. Heavy deer use during winter months. Paper birch and white oak present in southern portions of the stand. Scattered older stems of white and red pine. Stand has a small inclusion of cedar/tamarack in the SW corner. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>80</td> <td>Log/Pole</td> <td>10</td> <td>66</td> </tr> <tr> <td>Red Pine</td> <td>20</td> <td>Log</td> <td>11</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | White Pine | 80 | Log/Pole | 10 | 66 | Red Pine | 20 | Log | 11 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | White Pine | Medium | 5 - 10 feet | Sapling | Black Cherry | Low | Variable | Sapling | Bigtooth Aspen | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 80 | Log/Pole | 10 | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 20 | Log | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | 4139 - Aspen, Mixed Deciduous | Sawtimber Well | 7.9 | 66 | 81-110 | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 12 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 55 | Log | 12 | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 17 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 1 | XLog | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Changed stand age from 2 aged to even. Most of the 100 year old oak has died. A few remnant oak and pine in that age class but not enough to separate. Old comments-High visual influence area. Stand is an access point to the AuSable River. Aspen will hold another 10 years. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | 6233 - Wet Meadow | Nonstocked | 1.0 | 0 | | No | Old comments- Marsh with perimeter leatherleaf. OPIC - FMD: Dense leatherleaf over sphagnum moss in standing water. Falls within a large intermittent wetland ERA. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | 710 - Sand, Soil | Nonstocked | 0.7 | 0 | Immature | | Stockpiling site for spoils dredged from the Williams Sand Trap (F72-727). Most recent deposition was October 2018. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 150 | 4119 - Mixed Northern Hardwoods | Sapling Poor | 8.8 | 3 | 1-50 | N/A | Was cut in 2006 (#034-05), leaving the RP-WP. Sparse oak regen heavily browsed; BC-dominated regen. This portion of the original stand 50 was chopped in 2016 and trenched in 2017 (C72-804). Was site-prep sprayed June 2019. Planted 1043 TPA PRT RP in May 2021. Sept 2021 Yr 1 survey: 848 TPA, 81% FTG, 9.6% mortality. Oct 2023 Yr 3 survey: 911 TPA, 80% FTG, 7% mortality, primary competitor BC, secondary oak. This was FRS data aggregated with stand 36. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 75 | Sapling | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |