



Compartment Review Presentation

Traverse City Forest Management Unit

Compartment 61165

Entry Year 2022

Acreage: 1,757

County Kalkaska

Management Area: Boardman Plains

Revision Date: 2020-07-23

Stand Examiner: Katie Armstrong

Legal Description:

27N 8W Sections 16, 17, 18, and 19

Identified Planning Goals:

Vegetation management in the Boardman Plains management area will provide forest products; maintain or enhance wildlife habitat; protect areas of unique character including the Boardman River (a designated natural river) and the Sand Lakes Quiet Area (a designated high conservation value area), threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management objectives for this planning period include improving the age-class structure of aspen; increasing regeneration of oak; working toward balancing the red pine age-class structure; continuing emphasis on managing the northern hardwood resource for stand quality, age, and species diversity; wildlife values; and continued production of wood products. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected challenges within this 10-year planning period include: increased recreational pressure; increased oil and gas development; an increased wildland/urban interface; a need to restore oak/pine barrens communities; invasive plant control; and the conversion of poor oak sites to mixed pine/oak sites.

Soil and topography:

Soils range from Rubicon sand to Kalkaska Loamy Sand. Topography is rolling hills with some relatively steep slopes. Topography will present management challenges in some areas.

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

Most of the compartment is contiguous state ownership with private property in Sections 16 and 17. There is a matrix of small state- and privately owned lots off of Island Lake Road. Past attempts to sell some of the state land were unsuccessful, but have been recommended for disposal in an upcoming review.

Unique Natural Features:

There are some small kettle depressions and this compartment is adjacent to the north side of Island Lake.

Archeological, Historical, and Cultural Features:

There are two known archaeological sites.

Special Management Designations or Considerations:

The compartment is adjacent to the Sand Lakes Quiet Area.

Watershed and Fisheries Considerations:

This compartment is within the Boardman River Watershed and is adjacent to Island Lake. Reasonable buffers (as outlined in Water Quality Management Practices on Forest Land) along the lake's wetland margin appear to be appropriate.

Wildlife Habitat Considerations:

This compartment falls into two land type associations: 1) the southern edge of the Williamsburg moraine crosses the northern edge of this compartment. This hilly area was historically dominated by maple-beech forest, but has been greatly altered. Remnant hardwood forest should be maintained via selective harvesting practices to create small gap disturbances. Tree species diversity and habitat structure (e.g. down logs, understory development and cavity trees) should be maintained or enhanced when treating stands. Beech is a particularly important species for wildlife, if there are any left. Previously disturbed areas now harboring black cherry, white pine, and aspen mixes should be allowed to succeed or moved toward uneven-aged conditions through selective harvesting. 2) Most of the compartment falls into a pitted outwash plain. Ridges, draws, and depressions may have tempered naturally occurring wildfires; thus habitat patches should be smaller on average than those on adjacent dry outwash plains. A mosaic of mixed oak, pine, and aspen stands of various ages is appropriate here, including some later successional hardwoods in the lee of natural firebreaks. Small or narrow openings are often associated with kettle depressions and should be maintained as shrubby openings. Frost naturally limits tree encroachment in these draws and depressions, although the fringes hold some black

cherry, aspen, and white pine. Abandoned oil well sites could be managed in a complimentary fashion by revegetating with grass mixes to eliminate exotic invasives and allowing some natural tree encroachment on the edges. A major windstorm in 1998 has created numerous semi-open patches. Some blowdown patches should remain unsalvaged to allow wholly natural processes to continue to unfold.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of an end moraine of coarse textured till and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Mississippian Coldwater Shale. There is no current economic use for the Coldwater Shale. The nearest gravel pits are within one mile to the north. Gravel potential in the compartment is considered good. This area is located along the northern edge of the Silurian Niagaran reef trend. Part of the state land is currently leased for oil and gas development and there may be additional reef potential. Part of the compartment has been nominated for underground gas storage and Section 18 was nominated for the May 2010 lease auction. The Antrim Shale has not been developed in this area, but may have some future potential.

Vehicle Access:

There is sufficient vehicle access throughout the compartment.

Survey Needs:

There are no survey needs at this time.

Recreational Facilities and Opportunities:

Fire Protection:

DNR fire protection is from the Kalkaska Field Office and volunteer fire protection is from the Kalkaska Fire Department. Travel time is good and access is not an issue.

Additional Compartment Information:

The following reports from the Inventory are attached:

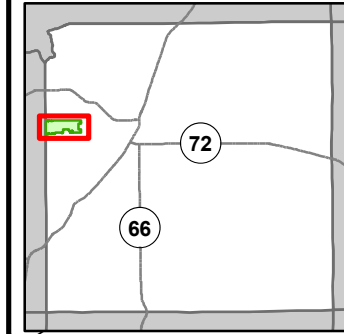
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

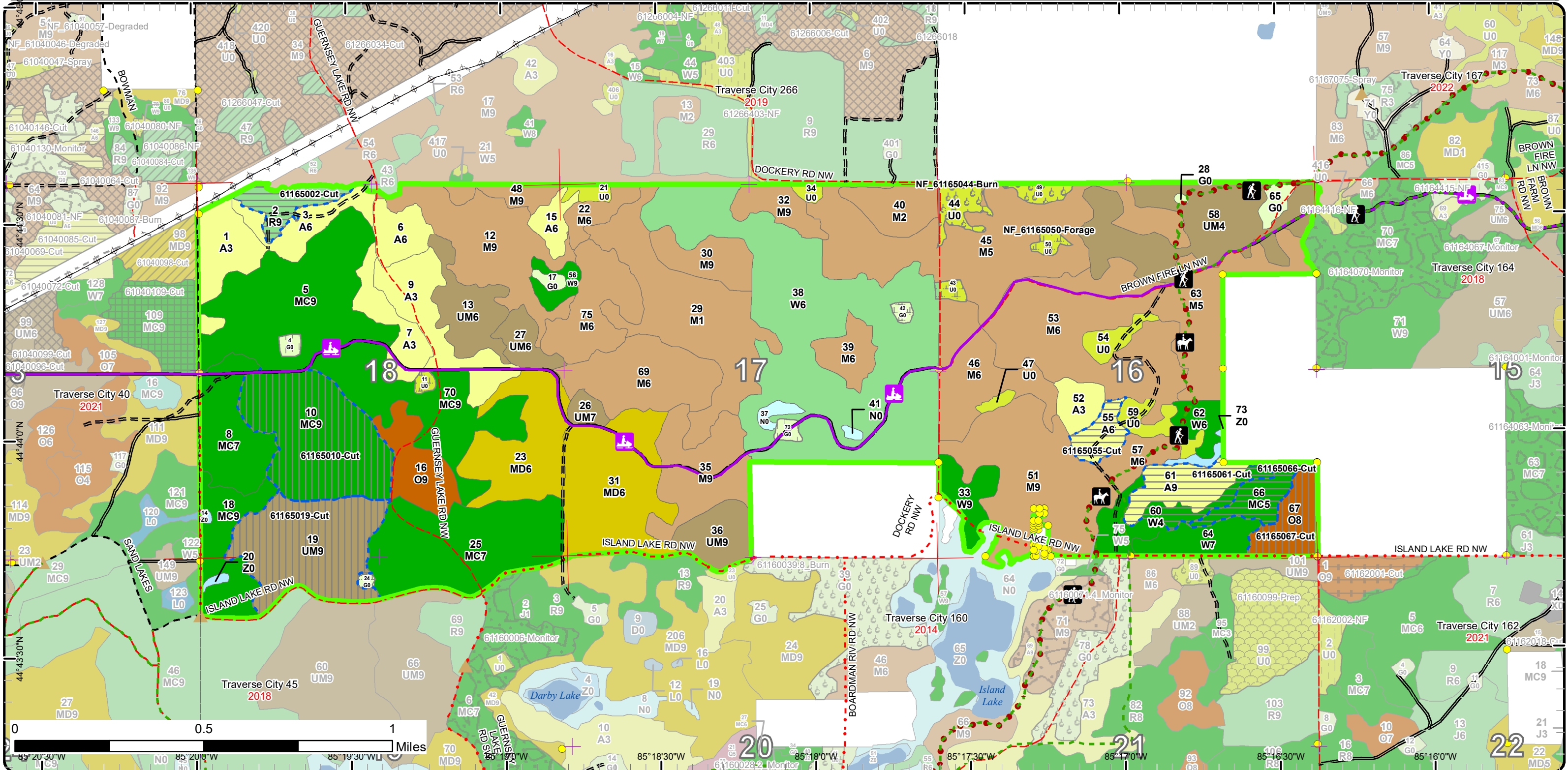
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 165
 T27N - R08W Sec. 16-19
 County: Kalkaska
 Unit: Traverse City
 Mgmt Area: Boardman Plains
 YOE: 2022
 Acres: 1,756.5 GIS Calculated
 Examiner: Katie Armstrong
 Map Revised: 1/6/2021
 Map Phase: Post-Review

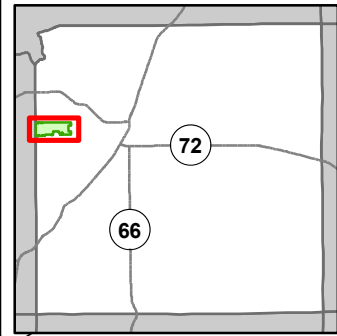


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Hiking Trails
- Horse Trails
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Equestrian Trails
- Designated Ski Trails
- Designated Snowmobile Trails
- Berms
- Lake/Pond
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Prescribed Burn
- Shelter Wood (w/Reserves)
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 623 - Emergent Wetland

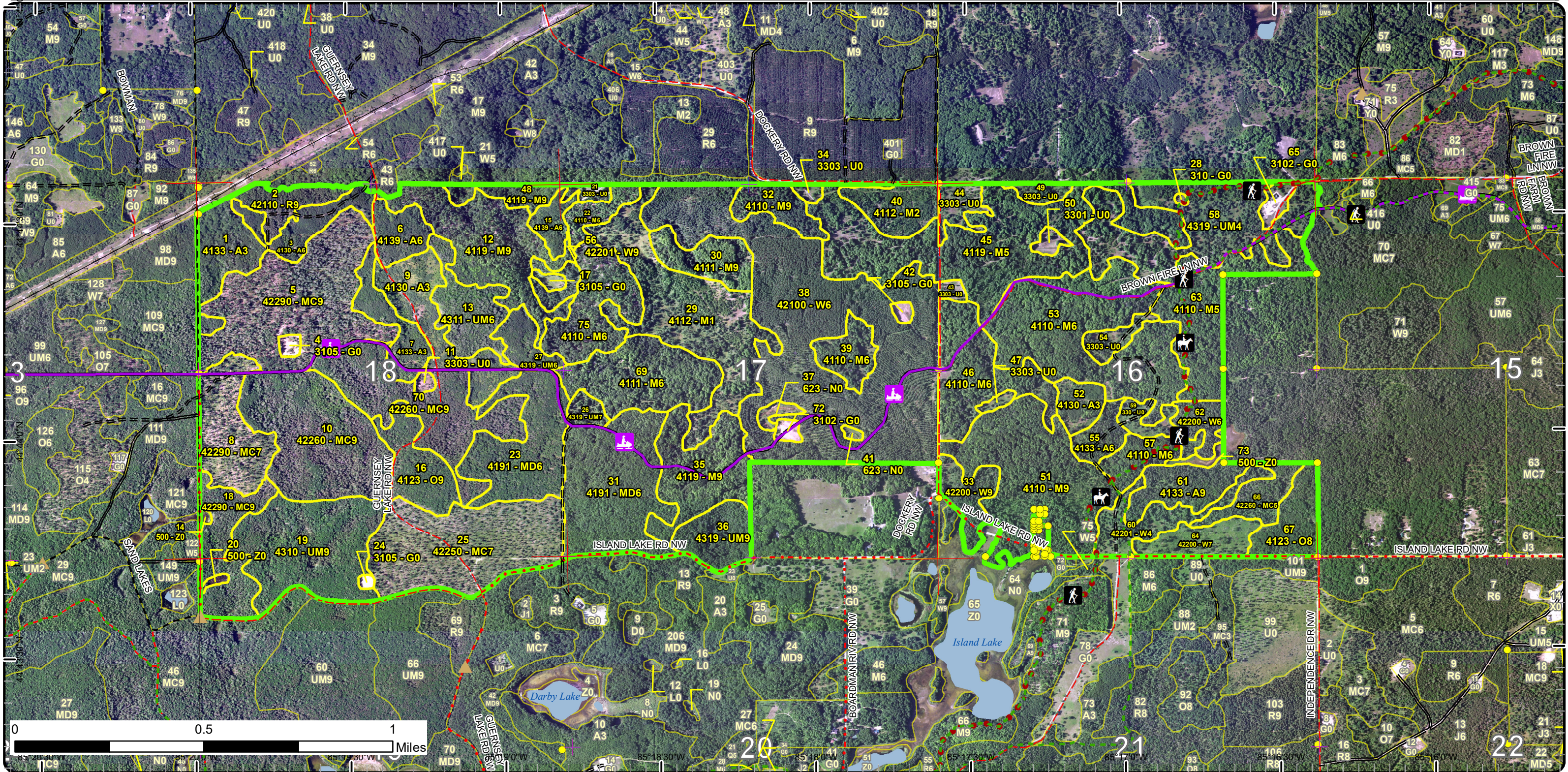


Stand Boundary Map

Compartment: 165
 T27N - R08W Sec. 16-19
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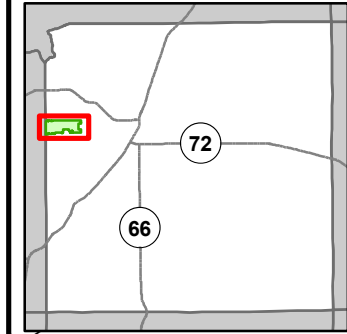


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| <ul style="list-style-type: none"> — Miris Corners ⊕ Remonumented Section Corners ● Survey Grade Corners --- Counties == DNR - Secondary Forest Road == DNR - Forest Access Route - - - Federal / State - Dirt / Gravel Road - . - . County - Gravel Road - - - County - Dirt Road (Seasonal) - - - Private - Dirt / Gravel Road 🚶 Hiking Trails 🐎 Horse Trails 🚙 Snowmobile Trails | <ul style="list-style-type: none"> --- Designated Hiking Trails --- Designated Bicycle Trails ● Designated Equestrian Trails --- Designated Ski Trails --- Designated Snowmobile Trails ▲ Berms 🌊 Lake/Pond 🌊 Lakes and Rivers ⚡ Powerline 🟩 Compartment Boundary 🟡 Stand Boundaries | <ul style="list-style-type: none"> 421 - Planted Pines 422 - Natural Pines 430 - Upland Mixed Forest 310 - Herbaceous Openland 330 - Low Density Trees 500 - Water 623 - Emergent Wetland |
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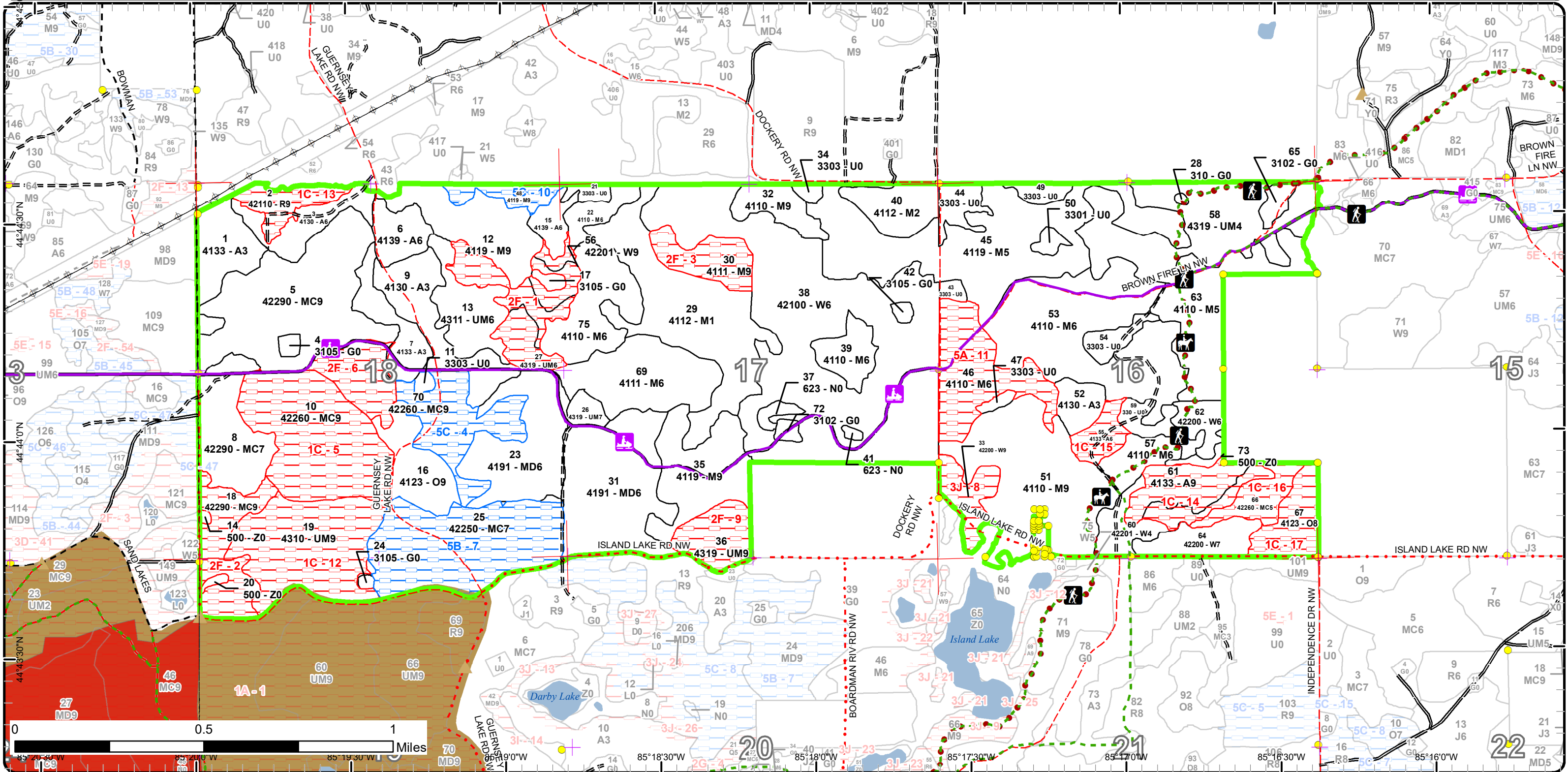


Special Conservation Areas

Compartment: 165
 T27N - R08W Sec. 16-19
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 Unit: Traverse City
 Mgmt Area: Boardman Plains
 YOE: 2022
 Acres: 1,756.5 GIS Calculated
 Examiner: Katie Armstrong
 Map Revised: 1/6/2021
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- Designated Hiking Trails
- - Designated Bicycle Trails
- Designated Equestrian Trails
- - Designated Ski Trails
- Designated Snowmobile Trails
- ▲ Berms
- 🌊 Lake/Pond
- 🌊 Lakes and Rivers
- ⚡ Powerline
- 🟩 Compartment Boundary
- 🟦 Available w/ Constraints
- 🔴 Unavailable
- 1C: Other dept or div proc/practices
- 2F: Too steep
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 🟩 Stand Boundaries
- 🔴 Ecological Reference Areas
- 🟡 Forest Habitat Core Interior
- 🟤 Dedicated Management Areas



Report 1 – Total Acres by Cover Type and Age Class



Age Class

| | Non-Forest | 0-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 100-109 | 110-119 | 120-129 | 130-139 | 140-149 | 150+ | Uneven-Aged | Total |
|------------------------|------------|----------|------------|-----------|-----------|------------|------------|------------|------------|------------|------------|----------|----------|----------|----------|----------|----------|-------------|-------------|
| Aspen | 0 | 0 | 39 | 55 | 8 | 22 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143 |
| Herbaceous Openland | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Low-Density Trees | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 |
| Marsh | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Mixed Upland Deciduous | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| Natural Mixed Pines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 177 | 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 334 |
| Northern Hardwood | 0 | 0 | 69 | 17 | 0 | 38 | 101 | 167 | 204 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 645 |
| Oak | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Upland Mixed Forest | 0 | 0 | 0 | 0 | 23 | 11 | 64 | 0 | 63 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 178 |
| Water | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| White Pine | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 182 | 16 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 238 |
| Total | 65 | 0 | 108 | 92 | 31 | 131 | 165 | 381 | 347 | 282 | 158 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1757 |



Report 2 – Treatment Summary

Traverse City Mgt. Unit
Year of Entry: 2022

Acres of Harvest

Compartment 165
Total Compartment Acres: 1,757

Commercial Harvest -
Harvests with Site Condition - 203
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

| | Clearcut | Selection | Patch Clearcut | Seed Tree | Shelterwood | Thinning | Overstory Removal | Salvage | Other | Total Acres |
|---------------------|-----------|-----------|----------------|-----------|-------------|----------|-------------------|----------|----------|-------------|
| Aspen | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| Natural Mixed Pines | 13 | 0 | 0 | 0 | 65 | 0 | 0 | 0 | 0 | 78 |
| Oak | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 18 |
| Red Pine | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Upland Mixed Forest | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 58 |
| Total | 63 | 0 | 0 | 0 | 140 | 0 | 0 | 0 | 0 | 203 |

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|--------------|------------|-----------|----------|----------|-----------|-----------|------------|----------|-----------------|-------------|
| Current | 203 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 14 | 230 |
| Next Step | 0 | 0 | 0 | 0 | 0 | 0 | 203 | 0 | 13 | 216 |
| Total | 203 | 0 | 0 | 0 | 13 | 0 | 203 | 0 | 27 | 446 |



| S t a n d | Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|-----------------------|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|-----------------------|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

Approved Treatments:

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| 2 | 61165002-Cut | 13.0 | 42110 - Planted Red Pine | Sawtimber Well | 92 | 111-140 | Harvest | Clearcut with Retention | 4319 - Mixed Upland Forest | Uneven-Aged | No |
| <p><u>Prescription</u> Cut red pine except for area retention. Leave white pine < 6" dbh. Protect desirable advanced hardwood regeneration.</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> Site is not suitable for replanting so goal is to encourage existing white pine while promoting hardwood regeneration.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | | |
| 10 | 61165010-Cut | 64.5 | 42260 - Natural Pine, Mixed Deciduous | Sawtimber Well | 92 | 81-110 | Harvest | Shelterwood | 429 - Mixed Upland Conifers | Even-Aged | No |
| <p><u>Prescription</u> Shelterwood cut to harvest most of mature red and white pine. Cut all aspen, jack pine, red maple, and cherry. Mark red pine to cut. Some pockets will be a thin-from-above while others will be more of a shelterwood with lower residual BA. Mark white pine to cut with similar residual goals, releasing white pine understory where present and promoting growth of small poles. Cut all red and white oak except those marked with an orange X, which will consist of wildlife trees and those with some good growth and/or longevity potential. Residual BA will be variable across the stand, 0-60 sf/acre, but maybe averaging 30. Leave area retention on steeper slopes and around small pockets of trees to preserve remnants of this stand.</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> Red pine, white pine, jack pine, red oak, white oak, aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u> Treatment is adjacent to snowmobile trail so protect trail with appropriate sale specs. Access will be tricky because of topography but generally encourage use of Guernsey Lake Rd over snowmobile trail.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | | |
| 11 | 61165011-NF | 1.6 | 3303 - Mixed Low Density Trees | Nonstocked | | | NonForestMgt | Fruit Tree/Shrub Planting | 3204 - Mast Producing Shrub | | No |
| <p><u>Prescription</u> Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Fertilize plantings and protect with wire cages or tubex.</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></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</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 |
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| 19 61165019-Cut | 57.7 | 4310 - Pine, Oak Mix | Sawtimber Well | 78 | 111-140 | Harvest | Shelterwood | 4319 - Mixed Upland Forest | Even-Aged | No |
| <p><u>Prescription</u> Shelterwood to remove aging pine and oak. Try to release white pine understory and promote oak regeneration where possible. Generally mark to leave. Residual BA will be variable, 0-60 sf/acre, average 30.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Red pine, white pine, jack pine, red oak, white oak, aspen, red maple, black cherry.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 55 61165055-Cut | 9.4 | 4133 - Aspen, Mixed Pine | Poletimber Well | 49 | 51-80 | Harvest | Clearcut | 4133 - Aspen, Mixed Pine | Even-Aged | No |
| <p><u>Prescription</u> Final harvest. No retention because of small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen, white pine, red pine, jack pine, white oak, red oak, red maple, black cherry, sugar maple.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 61 61165061-Cut | 27.1 | 4133 - Aspen, Mixed Pine | Sawtimber Well | 61 | 51-80 | Harvest | Clearcut with Retention | 4133 - Aspen, Mixed Pine | Even-Aged | No |
| <p><u>Prescription</u> Final harvest leaving area retention on slope next to pond, near NCT, and/or scattered individual trees, especially white oak (if present) and under-represented species. Expand treatment to include white pine in Stand 60.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen, white pine, red pine, jack pine, white oak, red oak, red maple, black cherry.</p> <p><u>Other Comment:</u> NCT touches western edge of stand and trucks or equipment might need to cross it to access stand. Use specs requiring caution signs and protecting trail.</p> <p><u>Site Condition</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 66 61165066-Cut | 13.2 | 42260 - Natural Pine, Mixed Deciduous | Poletimber Medium | 61 | 51-80 | Harvest | Clearcut with Retention | 42201 - Natural White Pine, Mixed Deciduous | Even-Aged | No |
| <p><u>Prescription</u> Final harvest leaving retention as scattered white pine or white oak. Low merchantability in this stand but can be treated the same as adjacent stands.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> White pine, red pine, jack pine, white oak, red oak, red maple, aspen.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/1 /2021</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 |
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| 67 61165067-Cut | 18.0 | 4123 - Red Oak | Sawtimber Medium | 84 | 51-80 | Harvest | Shelterwood | 42201 - Natural White Pine, Mixed Deciduous | Even-Aged | No |
| <p><u>Prescription</u> Treatment will be a final harvest leaving scattered white oak for seed and scattered or clumpy white pine. Consider leaving area retention <u>Specs:</u> (mostly pine) along Island Lake Rd. No oak wilt exceptions since this is across Island Lake Rd from OW treatment site.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> White pine, red pine, jack pine, red oak, white oak, red maple, aspen. Ok to have lower BA since current stand is somewhat open. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u> Other Dept./Div. Processes <u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 72 61165072-NF | 2.3 | 3102 - Grass | Nonstocked | | | NonForestMgt | Herbaceous/Crop /Grass Planting | 3204 - Mast Producing Shrub | | No |
| <p><u>Prescription</u> This opening was a maintained wildlife opening. May need to treat for exotics. Disk in crab/quack grass, plant to annual rye for several <u>Specs:</u> years and then convert back to a pasture mix (i.e. clover/alfalfa).</p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> <u>Regen:</u></p> <p><u>Other</u> Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Fertilize plantings and protect with wire <u>Comment:</u> cages or tubex.</p> <p><u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 4 NF_61165004-Recondition | 1.9 | 3105 - Mixed Upland Herbaceous | Nonstocked | | | NonForestMgt | Herbaceous/Crop /Grass Planting | 3105 - Mixed Upland Herbaceous | | No |
| <p><u>Prescription</u> Blow sand, skw, sjw, scattered red/white/jack pine, mullein, Needs MAJOR rehab work. Scattered aspen along south edge. <u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> <u>Regen:</u></p> <p><u>Other</u> Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Fertilize plantings and protect with wire <u>Comment:</u> cages or tubex.</p> <p><u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2021</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 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------|--------------|-----------|----------|----------------|------------------|--------------------------------|---------------|-------------|
| 24 NF_61165024-Forage | 1.0 | 3105 - Mixed Upland Herbaceous | Nonstocked | | | NonForestMgt | Other - Specify | 3105 - Mixed Upland Herbaceous | | No |
| <p><u>Prescription Specs:</u> This opening was a maintained wildlife opening. May need to treat for exotics. Disk in crab/quack grass, plant to annual rye for several years and then convert back to a pasture mix (i.e. clover/alfalfa).</p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Fertilize plantings and protect with wire cages or tubex. Old next step comments: Periodic maintenance such as mowing, fertilization, reseeding, and/or removal of woody encroachment.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 42 NF_61165042-Forage | 1.6 | 3105 - Mixed Upland Herbaceous | Nonstocked | | Immature | NonForestMgt | Other - Specify | 3105 - Mixed Upland Herbaceous | | No |
| <p><u>Prescription Specs:</u> This opening was a maintained wildlife opening. May need to treat for exotics. Disk in crab/quack grass, plant to annual rye for several years and then convert back to a pasture mix (i.e. clover/alfalfa).</p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> Old next step comments: Maintain as needed with mowing, seeding, fertilizing, burning, or removal of woody encroachment.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 43 NF_61165043-Forage | 2.5 | 3303 - Mixed Low Density Trees | Nonstocked | | | NonForestMgt | Other - Specify | 3105 - Mixed Upland Herbaceous | | No |
| <p><u>Prescription Specs:</u> This opening was a maintained wildlife opening. May need to treat for exotics. Disk in crab/quack grass, plant to annual rye for several years and then convert back to a pasture mix (i.e. clover/alfalfa).</p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> Old next step comments: Maintain as needed with mowing, seeding, fertilizing, burning, or removal of woody encroachment.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</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 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------|--------------|-----------|----------|----------------|------------------|--------------------------------|---------------|-------------|
| 44 NF_61165044-Burn | 13.1 | 3303 - Mixed Low Density Trees | Nonstocked | | | Burn | Opening | 31022 - Warm Season Grass | | No |
| <p><u>Prescription</u> Burn on a rotational basis. The goal of prescribed burning is to restore and/or maintain a grassland/barrens ecosystem. The timing and frequency of the burns will be based on current needs of restoration such as reducing woody encroachment or promoting grasses versus forbs. Remove exotics as needed by herbiciding or other methods. Maintain as needed with mowing, seeding of native grasses and forbs, planting native mast bearing shrubs or trees, burning, or removal of woody encroachment.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> NonForestMgt, Other - Specify</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |
| 50 NF_61165050-Forage | 2.8 | 3301 - Low Density Deciduous Trees | Nonstocked | | | NonForestMgt | Other - Specify | 3105 - Mixed Upland Herbaceous | | No |
| <p><u>Prescription</u> This opening was a maintained wildlife opening. May need to treat for exotics. Disk in crab/quack grass, plant to annual rye for several years and then convert back to a pasture mix (i.e. clover/alfalfa).</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u> Old next step comments: Maintain as needed with mowing, seeding, fertilizing, burning, or removal of woody encroachment.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p> | | | | | | | | | | |

Total Treatment Acreage Proposed: 229.7

Report 4 – Site Conditions

Traverse City Mgt. Unit
Katie Armstrong : Examiner

Compartment: 165
Year of Entry: 2022

Availability for Management

| Total Acres | Acres Available | Acres Avail | | Acres Not Available | Dominant Site Conditions | | | | | | | |
|----------------|--------------------|----------------|--|------------------------|--------------------------|----|----|----|-----|-----|----|----|
| | | With Condition | | | 5B | 5C | 1A | 1C | 2F | 3J | 5A | |
| 143 | 114 | 0 | | 29 | Aspen | | | | 28 | 0 | | |
| 14 | 14 | 0 | | 0 | Herbaceous Openland | | | | | | | |
| 43 | 43 | 0 | | 0 | Low-Density Trees | | | | | | | |
| 4 | 4 | 0 | | 0 | Marsh | | | | | | | |
| 102 | 102 | 0 | | 0 | Mixed Upland Deciduous | | | | | | | |
| 335 | 111 | 100 | | 125 | Natural Mixed Pines | 67 | 32 | 0 | 78 | 48 | | |
| 645 | 564 | 9 | | 72 | Northern Hardwood | | 9 | | | 34 | | 38 |
| 40 | 22 | 0 | | 18 | Oak | | | | 18 | | | |
| 13 | 0 | 0 | | 13 | Red Pine | | | | 13 | | | |
| 178 | 92 | 0 | | 86 | Upland Mixed Forest | | | | 58 | 28 | | |
| 4 | 4 | 0 | | 0 | Water | | | | | | | |
| 237 | 209 | 0 | | 28 | White Pine | | | | 8 | 6 | 14 | |
| 1,757 | 1,277 | 109 | | 371 | Total Forested Acres | 67 | 41 | 0 | 203 | 117 | 14 | 38 |
| | 73% | 6% | | 21% | 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 | 2F: Too steep | 34 | 5A: Not able to obtain desirable regeneration | Unspecified | Unspecified | Unspecified |
| Comments: Might have been possible to cut when adjacent stand was thinned but most of this stand is not feasible to cut now. Beech and ironwood regeneration issues. | | | | | | | |
| 2 | Unavailable | 2F: Too steep | 28 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 3 | Unavailable | 2F: Too steep | 17 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Traverse City Mgt. Unit
Katie Armstrong : Examiner

Compartment: 165
Year of Entry: 2022

| | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------|----|------------------------------------------------------------------------------|-------------|-------------|-------------|
| 4 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 32 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 5 | Unavailable | 1C: Other dept or div proc/practices | 65 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: See locked comments. | | | | | | | |
| 6 | Unavailable | 2F: Too steep | 20 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Part of this area may be manageable but there is probably this much or more area in this compartment that will be too steep to manage. | | | | | | | |
| 7 | Available | 5B: Maintain for regeneration purposes | 67 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 8 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 14 | 5C: Delay treatment for age/size class diversity or exceptional site quality | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 9 | Unavailable | 2F: Too steep | 18 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Traverse City Mgt. Unit
Katie Armstrong : Examiner

Compartment: 165
Year of Entry: 2022

| | | | | | | | |
|-----------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|----|-------------|-------------|-------------|-------------|
| 10 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 9 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Hold treatment to be more marketable and accessible when treated with 61266017. | | | | | | | |
| 11 | Unavailable | 5A: Not able to obtain desirable regeneration | 38 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Ironwood and beech regeneration issues. | | | | | | | |
| 12 | Unavailable | 1C: Other dept or div proc/practices | 58 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: See locked comments. | | | | | | | |
| 13 | Unavailable | 1C: Other dept or div proc/practices | 13 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: See locked comments. | | | | | | | |
| 14 | Unavailable | 1C: Other dept or div proc/practices | 27 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: See locked comments. | | | | | | | |
| 15 | Unavailable | 1C: Other dept or div proc/practices | 9 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: See locked comments. | | | | | | | |

Report 4 – Site Conditions

Traverse City Mgt. Unit
Katie Armstrong : Examiner

Compartment: 165
Year of Entry: 2022

| | | | | | | | |
|------------------------------------------|-------------|-----------------------------------------|----|-------------|-------------|-------------|-------------|
| 16 | Unavailable | 1C: Other dept or div proc/practices | 13 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: See locked comments. | | | | | | | |
| 17 | Unavailable | 1C: Other dept or div proc/practices | 18 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: See locked comments. | | | | | | | |

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

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

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

| Conservation Area | Type | Description |
|-------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HCVA | Dedicated Management Areas | Such areas are dedicated by the DNR Director for specific management uses through the promulgation of rules, as governed by Part 5, Department of Natural Resources, of the NREPA (MCL 324.502(2) and 324.504). Section 38 of the Administrative Procedures Act (MCL 24.238) provides for public requests for the promulgation of rules. This is an active program, with one proposed site currently under review by the DNR. |
| 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 | 4133 - Aspen, Mixed Pine | Sapling Well | 22.0 | 26 | Unspecified | N/A | Aspen regen with pockets of oak and mixed hardwood. Grand Kal Aspen, 61-015-92-01. Clearcut 1993. Left oak, hemlock, WP and beech in this unit. Canopy data from 2010. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Beech</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Sapling</td> <td>4</td> <td>26</td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 5 | Pole | 6 | | Red Maple | 5 | Pole | 6 | | Beech | 5 | Log | 16 | | Red Oak | 10 | Log | 16 | | Bigtooth Aspen | 50 | Sapling | 4 | 26 | White Pine | 25 | Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Beech | Low | 5 - 10 feet | Sapling | White Pine | Low | 10 - 20 feet | Pole |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 5 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 10 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 50 | Sapling | 4 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 25 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 42110 - Planted Red Pine | Sawtimber Well | 13.0 | 92 | 111-140 | N/A | These trees are nearing the end of merchantability due to their size (diameters are close to outgrowing local markets). Mixture of RP, JP, WP planted 1929? Thinned 1992, 61-030-92-01, Guernsey Lake Road Red Pine. Very thick hardwood understory, but mostly beech. Terrain not suitable for replanting. Stand used to have some ash so hopefully it will make a nice hardwood stand eventually. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 85 | XLog/Log | 18 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 4130 - Aspen | Poletimber Well | 16.1 | 28 | 51-80 | N/A | Aspen regen with some scattered white pine and mixed hardwood. Stand is fully stocked. Grand Kal Aspen, 61-015-92-01. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 5 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 80 | Pole/Sapling | 4 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Pole/Sapling | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Trace | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 3105 - Mixed Upland Herbaceous | Nonstocked | 1.9 | | | Managed Opening | Well plugged 1982. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 42290 - Natural Mixed Pine | Sawtimber Well | 77.4 | 87 | 51-80 | N/A | Heavily mixed stand. Cut in 2014. Big Pine, 61-033-12-01. Park Forest Products. Were not able to cut some of the steep slopes, especially on east end. Eliminated buffer around stick nest just west of old well pad (Stand 4). Also has stick nest in northeast part. Residual BA varies from 20-90. Average 56. Red maple appears to be dominant regen species at this time. Mixture of RP, JP, WP planted 1929? (age 91) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 20 | Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 50 | Log | 14 | 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 30 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 12.7 | 43 | 51-80 | N/A | Aspen and maple regen. Try to hold 10 years. Perhaps clearcut in 1977. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 30 | Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 50 | Pole | 6 | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | 10 | Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 | 4133 - Aspen, Mixed Pine | Sapling Well | 16.5 | 26 | 1-50 | N/A | Aspen regen. Some trees just reaching pole size. Grand Kal Aspen, 61-015-92-01. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 70 | Sapling | 3 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 20 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 42290 - Natural Mixed Pine | Sawtimber Poor | 32.2 | 89 | 1-50 | N/A | Soup Bowl Oak, 61-013-12-01, cut fall/winter 2012. Hilly terrain. Regen consists of mostly white pine and maple sprouts with scattered oak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 15 | Log/Pole | 14 | 93 | Sugar Maple | Trace | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 30 | Pole/Log | 10 | | White Pine | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 50 | Log | 12 | 89 | Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 5 | Pole/Log | 12 | | Jack Pine | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | White Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 4130 - Aspen | Sapling Well | 29.9 | 16 | Immature | N/A | Recent clear cut. Aspen is regenerating nicely. 165 Aspen, 61-016-02-01. Cut 2004. RO, WP, RP, aspen, HW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 21 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 70 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 2 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 2 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 42260 - Natural Pine, Mixed Deciduous | Sawtimber Well | 64.5 | 92 | 81-110 | N/A | Mifi lost stand comments. Records show a mixture of RP, JP, and WP was planted in 1929, but stand does not look like a traditional planted stand. Some areas of larger pine with hardwoods on the ridges. 16 acres in north central part of stand was CC in 1983. Mixed HW, RP, oak, aspen, WP. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 15 | Log/XLog/Pole | 12 | | Red Maple | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 5 | Pole/Log | 12 | | White Pine | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 25 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 40 | Log | 14 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 3303 - Mixed Low Density Trees | Nonstocked | 1.6 | | | Managed Opening | Well site plugged 1976. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 12 | 4119 - Mixed Northern Hardwoods | Sawtimber Well | 49.4 | 80 | 81-110 | N/A | Log sized sugar maple and mixed hardwood. Stand has fairly steep ground with some high hardwood ridges. Thinned fall 2014. Removed almost all beech except for a few wildlife trees. Average residual BA = 75 sf/acre. Hilly Hardwoods, 61-026-12-01. Most of the beech has died as well as some older oak and cherry. Iceman trail runs through this stand. Beech and ironwood regeneration issues. Stand includes areas that were not thinned due to steep ground. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>58</td> <td>Log/Pole</td> <td>12</td> <td>80</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Basswood</td> <td>20</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Beech</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Sugar Maple | 58 | Log/Pole | 12 | 80 | Red Maple | 10 | Log/Pole | 12 | | Basswood | 20 | Log | 12 | | Beech | 2 | Log | 14 | | Red Oak | 5 | Log | 16 | | White Pine | 5 | Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Beech | Medium | 10 - 20 feet | Sapling | White Pine | Low | 10 - 20 feet | Sapling | Ironwood | High | 10 - 20 feet | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 58 | Log/Pole | 12 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 20 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 2 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 4311 - Pine, Aspen Mix | Poletimber Well | 22.5 | 37 | 81-110 | N/A | Aspen and white pine mix. Not ready for harvest at this point. Canopy data from 2010. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 55 | Pole | 6 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 45 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 500 - Water | Nonstocked | 0.6 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 7.7 | 39 | 51-80 | N/A | Habitat cut 1982. Fully stocked aspen regen. Encouraging amount of small sugar maple poles and single stem saplings. Iceman Trail goes through this stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 50 | Pole | 6 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 25 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 2 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 3 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 4123 - Red Oak | Sawtimber Well | 21.8 | 71 | 51-80 | N/A | Mixed oak and pine stand. Barely a log stand. Poorer quality site. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 50 | Log/Pole | 10 | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 15 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 20 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Full | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Witch Hazel | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 3105 - Mixed Upland Herbaceous | Nonstocked | 2.0 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|-------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----|----------|----|----|------------|----|----------|----|----|----------------|----|---------------|----|----|----------------|----|----------|----|----|----------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------|-------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|--------------|-------|-----------|--------------|--------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|-------------|--------------|-----------|-----|--------------|------|------------|------|--------------|---------|------------|-----|----------|------|--|--|
| 18 | 42290 - Natural Mixed Pine | Sawtimber Well | 28.1 | 92 | Unspecified | N/A | Mixture of RP, JP planted 1928? (age 91) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 8 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 35 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 40 | Log/Pole/XLog | 12 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 8 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 9 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Low | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 4310 - Pine, Oak Mix | Sawtimber Well | 57.9 | 78 | 111-140 | N/A | Generally oak with relatively thick white pine understory. Some scattered pockets of pine. Red oak, red pine and white pine are reaching maximum potential. Records of planting in 1929 but does not look planted. Some challenging topography but generally workable. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 30 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 12 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 18 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 30 | Log/Pole | 12 | 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 3 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 2 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 500 - Water | Nonstocked | 1.0 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 3303 - Mixed Low Density Trees | Nonstocked | 3.2 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 4110 - Sugar Maple Association | Poletimber Well | 8.9 | 56 | 81-110 | N/A | Small sugar maple pole stand. Thinned fall 2014. Average residual BA = 83 sf/acre Hendrickson Hardwoods, 61-035-12-01, Park Forest Products. Heavy beech and ironwood understory. Minimal desirable regeneration. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>94</td> <td>Pole</td> <td>8</td> <td>56</td> </tr> <tr> <td>Beech</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>2</td> <td>Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Basswood</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 94 | Pole | 8 | 56 | Beech | 2 | Log/Pole | 12 | | Black Cherry | 2 | Pole | 10 | | Basswood | 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>Sugar Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Low | 10 - 20 feet | Sapling | Beech | Medium | 10 - 20 feet | Sapling | White Pine | Low | 10 - 20 feet | Sapling | Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 94 | Pole | 8 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 2 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 2 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 2 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well | 42.1 | 76 | 81-110 | N/A | Stand is mostly a mix of oak and pine with some patches of poor quality aspen. Canopy data from 2010. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 35 | Log/Pole | 12 | 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 20 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 25 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 3105 - Mixed Upland Herbaceous | Nonstocked | 0.9 | | | Managed Opening | Plugging approved. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------|---------|------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------|----|----|------------|----|---------|----|----|------------|----|--------------|----|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|--------------|-------------|---------|-----------|-------------|--------------|----------|------------|-------------|----------|---------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------|---------|-------------|------|-------|--------|-------------|---------|----------|------|--------------|---------|
| 25 | 42250 - Pine, Oak | Sawtimber Poor | 68.1 | 84 | 1-50 | N/A | Seed tree harvest in 2014. Previous stand had pockets of aspen and red pine with oak intermixed. Some areas are heavy to a white pine understory. This is now a 2-aged stand which Mifi will not let me describe accurately. There are sizeable canopy gaps with WP 7-30ft tall coming up. Stand appears to be converting to more white pine than oak. Anticipation Oak, 61-008-12-01, Tree Doc/Lutke. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 20 | Log | 14 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 15 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 55 | Log/Pole/Sap | 10 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 10 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 4319 - Mixed Upland Forest | Sawtimber Poor | 4.9 | 73 | 1-50 | N/A | Cut to seedtree after 1998 tornado. Stand is converting to red maple and beech with some scattered pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 45 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 50 | Log | 14 | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 4319 - Mixed Upland Forest | Poletimber Well | 10.6 | 46 | 81-110 | N/A | Used to be mapped as part of stand 12 (HWs) but not treated in YOE2012. Stand appears to be mixed aspen/pine. Incomplete inventory due to shortened field season. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 310 - Herbaceous Openland | Nonstocked | 0.5 | 0 | | | Breitburn site. Temporarily abandoned. Multiple permit numbers. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 4112 - Maple, Beech, Cherry Association | Sapling Poor | 69.1 | 18 | 1-50 | N/A | Final harvested last YOE. Some salvage of wind-damaged trees 2003. Variable regeneration: some open grassy areas with scattered cherry, some clumpy maple, scattered white pine. Did not spend much time in this stand but does not look promising. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 10 | Sapling | 1 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Sapling | 1 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 20 | Sapling | 1 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 4111 - S.Maple, Hard Mast Association | Sawtimber Well | 17.4 | 53 | 81-110 | N/A | Small stand with some pockets of nice maple but limited thinning potential. Harvest limitations include steep hill on west side and poor access. Open valley with some white pine in middle. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>55</td> <td>Log/Pole</td> <td>10</td> <td>53</td> </tr> <tr> <td>Basswood</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Beech</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log/XLog</td> <td>13</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 55 | Log/Pole | 10 | 53 | Basswood | 10 | Log | 12 | | Beech | 10 | Pole/Log | 9 | | Black Cherry | 5 | Pole | 8 | | Red Maple | 5 | Pole/Log | 9 | | Red Oak | 5 | Log/XLog | 13 | | White Pine | 10 | 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>Beech</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Beech | Medium | 5 - 10 feet | Sapling | Ironwood | High | 10 - 20 feet | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 55 | Log/Pole | 10 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 10 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log/XLog | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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

31 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 59.8 46 81-110 N/A Mixed stand. Hold 10+ years. Heavy white pine understory, would push to white pine when cut. Scattered small frost pocket depressions.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|--------------|-----|-----|--------------------|---------|-------------|---------|
| Red Maple | 10 | Pole/Log | 8 | | White Pine | Medium | Variable | Sapling |
| Red Oak | 35 | Log/Pole | 10 | 46 | Beech | Trace | < 5 feet | Sapling |
| Bigtooth Aspen | 10 | Pole | 6 | 46 | Red Maple | Low | >20 feet | Sapling |
| White Pine | 30 | Log/Pole | 12 | | | | | |
| Red Pine | 10 | Pole | 8 | | | | | |
| Quaking Aspen | 5 | Pole/Sap/Log | 8 | | | | | |

32 4110 - Sugar Maple Association Sawtimber Well 12.8 78 81-110 N/A Thinned summer 2014. High Country Hardwoods, 61-004-12-01, Park Forest Products. Most aspen, beech and ash removed. TC-to-Kalkaska Trail (also Iceman MTB route) through stand. Regen is either nonexistent or ironwood. Failed natural regeneration monitoring treatment.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|------------|-----|-----|--------------------|---------|--------------|---------|
| Sugar Maple | 80 | Log | 14 | 78 | Beech | Low | 5 - 10 feet | Sapling |
| Beech | 5 | Pole/Log | 9 | | Ironwood | High | 10 - 20 feet | Sapling |
| Red Maple | 15 | Log/Pole | 10 | | Black Cherry | Trace | 5 - 10 feet | Sapling |

33 42200 - Natural White Pine Sawtimber Well 13.6 81 111-140 N/A Small pocket of white pine/hemlock with hardwoods at the edges. Some low areas that will have standing water in wet years.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|---------------|-----|-----|--------------------|---------|--------------|---------|
| White Pine | 60 | Log/Pole/XLog | 16 | 81 | Beech | Low | 10 - 20 feet | Sapling |
| Sugar Maple | 15 | Log | 12 | | Ironwood | Low | 10 - 20 feet | Sapling |
| Hemlock | 15 | Pole/Log | 8 | | | | | |
| Red Oak | 10 | Log/XLog | 16 | | | | | |

34 3303 - Mixed Low Density Trees Nonstocked 2.0 Immature No Mostly open with scattered large trees.

35 4119 - Mixed Northern Hardwoods Sawtimber Well 36.9 77 81-110 N/A Fair to good quality hardwood but understory is full of ironwood. Some challenging topography and access issues with snowmobile trail being only access and unusably sandy in seasons other than winter.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|------------|-----|-----|--------------------|---------|--------------|---------|
| Sugar Maple | 53 | Log/Pole | 12 | 77 | Beech | Medium | 5 - 10 feet | Sapling |
| Basswood | 5 | Pole | 10 | | White Pine | Low | 10 - 20 feet | Sapling |
| Red Oak | 15 | Log | 16 | | Ironwood | High | 10 - 20 feet | Sapling |
| Bigtooth Aspen | 10 | Pole/Log | 9 | | | | | |
| Red Maple | 7 | Log/Pole | 10 | | | | | |
| White Pine | 10 | Log/Pole | 10 | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------|---------|------------|----------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----|----------|----|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------|---------|-------------|----------------|------------|----------|----------|---------|--------------|-----|---------------|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|---------|-------------|-------------|-------------|----------|-------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------|---------|-------------|------|-------------|---------|--------------|---------|-------------|---------|--------------|---------|----------|-----|-------------|---------|---------|-----|----------|------|-------|-------|----------|
| 36 | 4319 - Mixed Upland Forest | Sawtimber Well | 17.8 | 84 | 111-140 | N/A | Most of stand is in a bowl with relatively steep sides. A couple hemlock pockets. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 8 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 25 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 40 | Log/Pole/XLog | 16 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 15 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 2 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Low | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Trace | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 623 - Emergent Wetland | Nonstocked | 2.9 | | | No | Small, wet depression. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 42100 - Planted White Pine | Poletimber Well | 172.9 | 61 | 111-140 | N/A | Row thinned last YOE. 50% volume removal. Canopy has not closed yet. White pine is poor to mediocre quality. Many trees have weevilled tops. Thinned 2005. Re-ad Dockery White Pine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 100 | Pole | 8 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 4110 - Sugar Maple Association | Poletimber Well | 12.7 | 58 | 81-110 | N/A | Mainly sugar maple poles with some larger oaks. Used to have ash. A few cherry. Not ready for commercial thinning, now or ever(?). Canopy gap on east side. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 65 | Pole | 8 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 10 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 20 | Log/XLog | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 4112 - Maple, Beech, Cherry Association | Sapling Medium | 16.8 | 21 | 1-50 | N/A | Final harvest ten years ago. There were a few sugar maple reserves left in stand (less than 10 BA). Thinned 1997. Dockery Road Hardwoods, 61-050-94-01. Salvage after windstorm 1998. Mostly shrubby regen with scattered overstory. Fair amount of cherry in the regen. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 25 | Log/Pole | 10 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 20 | Sapling | 1 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 35 | Sapling | 2 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 623 - Emergent Wetland | Nonstocked | 1.0 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 3105 - Mixed Upland Herbaceous | Nonstocked | 1.6 | | Immature | Managed Opening | Old well site, plugged 1975. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 3303 - Mixed Low Density Trees | Nonstocked | 2.2 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|----------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|------------|-------------|--------------|--------------|--------------|-----|--------------|---------|-------------|-------|--------------|--------------|---------|--------------|-------------|---------|----------------|----|----------|----|--|---------------|----|--------------|---|--|----------|----|------|----|--|-----------|----|----------|----|----|--|
| 44 | 3303 - Mixed Low Density Trees | Nonstocked | 8.3 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <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></td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | White Pine | Low | | Sapling | Black Cherry | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 4119 - Mixed Northern Hardwoods | Poletimber Medium | 96.0 | 61 | 51-80 | N/A | Salvage cut following tornado in 1998. Whirlwind Dockery, 61-044-98-01. Cut blow down and broken-top trees. West of Dockery Rd was whole-tree harvested. Current stand is patchy pockets of fair to medium quality sugar maple surrounded by open areas or pole-sized ironwood in the canopy. SM BA ranges from 0-140 with average total BA of 66 sf/acre. Understory is fairly thick ironwood throughout. Lots of open, old skid trails. Topography is fairly flat and workable. Hard to see a good future hardwood stand 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>Sugar Maple</td> <td>50</td> <td>Pole/Sap/Log</td> <td>9</td> <td>61</td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log/Pole/Sap</td> <td>12</td> <td></td> </tr> <tr> <td>Beech</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Ironwood</td> <td>30</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Basswood</td> <td>5</td> <td>Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 50 | Pole/Sap/Log | 9 | 61 | Red Oak | 5 | Log | 14 | | White Pine | 5 | Log/Pole/Sap | 12 | | Beech | 5 | Log/Pole | 10 | | Ironwood | 30 | Sapling/Pole | 4 | | Basswood | 5 | Pole | 10 | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 50 | Pole/Sap/Log | 9 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log/Pole/Sap | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | 30 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 5 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Full | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Trace | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Trace | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 4110 - Sugar Maple Association | Poletimber Well | 37.8 | 47 | 111-140 | N/A | Pole stand. Not ready for commercial thinning. Canopy data from 2010. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>60</td> <td>Pole</td> <td>6</td> <td>47</td> </tr> <tr> <td>Basswood</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>15</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table> | | | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 60 | Pole | 6 | 47 | Basswood | 5 | Pole | 6 | | Red Oak | 5 | Pole | 4 | | Bigtooth Aspen | 15 | Log/Pole | 12 | | Black Cherry | 15 | Pole | 6 | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 60 | Pole | 6 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 15 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 15 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 3303 - Mixed Low Density Trees | Nonstocked | 2.0 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 4119 - Mixed Northern Hardwoods | Sawtimber Well | 9.0 | 56 | 111-140 | N/A | Not treated with adjacent hardwood stands. Consider including with 61266017. A few pockets of mostly beech and more red maple than nearby stands. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 20 | Log/Pole | 12 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 7 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 3 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 15 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 40 | Log/Pole | 12 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | 3303 - Mixed Low Density Trees | Nonstocked | 4.6 | | | No | Scattered white pine and cherry. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <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></td> <td>Pole</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td></td> <td>Pole</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | White Pine | Low | | Pole | Black Cherry | Low | | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 3301 - Low Density Deciduous Trees | Nonstocked | 2.8 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|---------|------------|----------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----|----------|----|----|---------------|----|----------|----|----|----------------|----|----------|----|--|---------------|----|------------------|----|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------|---------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------|--------------|-------------|------------|-------------|--------------|--------------|----------|------------|--------------|--------------|---------|----------|------|--------------|
| 51 | 4110 - Sugar Maple Association | Sawtimber Well | 72.8 | 77 | 81-110 | N/A | Good quality sugar maple stand. Thinned last YOY, canopy still has some gaps. Thin again in 10 years. Two small pockets of dead maple, ash, and oak salvaged in 2014, ~14 acres. See treatment history layer. Cat Scratch Salvage, 61-012-13-01, Kitchen Forest Products. Might have had defoliation issues. Decent amount of black cherry regeneration in those gaps now. Thinned 1982. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 55 | Log/Pole | 14 | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 30 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 2 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 10 | Sapling/Pole/Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 3 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 4130 - Aspen | Sapling Well | 9.4 | 15 | Immature | N/A | Clearcut 2005. Re-ad Island Lake, 61-014-02-01. Boundaries not exact. Small pocket of mature hardwoods on top of hill on east side. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 85 | Sapling | 1 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 4110 - Sugar Maple Association | Poletimber Well | 81.7 | 75 | 81-110 | N/A | Mixed pole stand. Average BA 90 sf/acre. Not ready for commercial thinning. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>70</td> <td>Pole/Log</td> <td>8</td> <td>75</td> </tr> <tr> <td>Basswood</td> <td>15</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Ironwood</td> <td>5</td> <td>Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Sugar Maple | 70 | Pole/Log | 8 | 75 | Basswood | 15 | Pole | 6 | | Bigtooth Aspen | 5 | Log/Pole | 12 | | White Pine | 5 | Pole | 8 | | Ironwood | 5 | Pole | 4 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Low | 10 - 20 feet | Sapling | Beech | Low | 5 - 10 feet | Sapling | Ironwood | High | 10 - 20 feet |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 70 | Pole/Log | 8 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 15 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 5 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | 5 | Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | 3303 - Mixed Low Density Trees | Nonstocked | 6.8 | 0 | | No | 5/4/20 WLD: site asap to check for possibility of upland brush or barrens management. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | 4133 - Aspen, Mixed Pine | Poletimber Well | 9.4 | 49 | 51-80 | N/A | Small stand of aspen and mixed hardwood. Mediocre quality. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole</td> <td>8</td> <td>49</td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Sugar Maple | 10 | Pole | 6 | | Quaking Aspen | 60 | Pole | 8 | 49 | White Pine | 20 | Log/Pole | 12 | | Red Oak | 10 | Log/XLog | 16 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Beech | Low | 10 - 20 feet | Sapling | White Pine | Low | 10 - 20 feet | Sapling | Ironwood | High | 10 - 20 feet | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 60 | Pole | 8 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 20 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 10 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | 42201 - Natural White Pine, Mixed Deciduous | Sawtimber Well | 6.0 | 80 | 81-110 | N/A | Small stand that used to be typed as part of the surrounding hardwood stands but this is really a valley of white pine with steep, unworkable terrain. Iceman trail runs through stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 5 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------|---------|------------|----------|--------------|----------------------------------------------------------------------------------------------------------------------------------------|----|----------|----|----|--------------|----|--------------|----|----|-----------|----|----------|----|--|----------------|----|--------------|----|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------|---------|-------------|----------------|-------------|--------------|--------------|---------|------------|-----|--------------|---------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|---------|-------------|------|------------|--------|-------------|---------|--------------|-----|--------------|---------|
| 57 | 4110 - Sugar Maple Association | Poletimber Well | 11.5 | 58 | 81-110 | N/A | Poorer quality hardwoods. Pole stand. Small diameters make this stand not viable for commercial thinning. Data from 2010. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>75</td> <td>Pole</td> <td>10</td> <td>58</td> </tr> <tr> <td>Basswood</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 75 | Pole | 10 | 58 | Basswood | 15 | Log/Pole | 12 | | Red Oak | 5 | Log | 14 | | Bigtooth Aspen | 5 | Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Medium | 10 - 20 feet | Sapling | White Pine | Low | 10 - 20 feet | Sapling | Ironwood | Low | 10 - 20 feet | Sapling | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 75 | Pole | 10 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 15 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 5 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 4319 - Mixed Upland Forest | Poletimber Poor | 64.3 | 51 | 1-50 | N/A | Limby white pine and mixed hardwoods/aspen with scattered small openings. Cherry, beech and sugar maple saplings along edges of stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 50 | Pole/Log | 8 | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | 15 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 5 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | 330 - Low-Density Trees | Nonstocked | 9.0 | | | No | valley that weaves through surrounding stands. scattered black cherry, white pine and Aspen at edges | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 42201 - Natural White Pine, Mixed Deciduous | Poletimber Poor | 19.5 | 29 | 1-50 | N/A | Scattered clumps of white pine and black cherry with grass openings between. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 65 | Pole | 8 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 25 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | 4133 - Aspen, Mixed Pine | Sawtimber Well | 19.0 | 61 | 51-80 | N/A | Poorer quality aspen site. rather variable. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 26 | Pole | 8 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 35 | Log/Pole | 12 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 8 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 3 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 15 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 8 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------|---------|------------|----------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------|----|----|----------------|----|---------------|----|----|--------------|----|----------|----|----|------------|----|----------|----|----|------------|----|---------------|----|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------|---------|-------------|--------------|-------------|------|--------------|---------|------------|--------|--------------|---------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|-----------|-------------|--------------|------------|----------------|----------|--------------|---------|
| 62 | 42200 - Natural White Pine | Poletimber Well | 8.8 | 60 | 81-110 | N/A | Hardwood stand with white pine supercanopy. Some smaller WP at same level as HWs too. Thinned last YOE? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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 Oak</td> <td>5</td> <td>Log/Pole/XLog</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>72</td> <td>Log/XLog/Pole</td> <td>14</td> <td>60</td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Basswood</td> <td>8</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Oak | 5 | Log/Pole/XLog | 14 | | White Pine | 72 | Log/XLog/Pole | 14 | 60 | Black Cherry | 5 | Pole | 10 | | Basswood | 8 | Log/Pole | 12 | | Red Maple | 10 | Pole/Log | 8 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Low | 10 - 20 feet | Sapling | Red Maple | Low | 10 - 20 feet | Sapling | White Pine | Low | 10 - 20 feet | Sapling | Ironwood | High | 10 - 20 feet | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log/Pole/XLog | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 72 | Log/XLog/Pole | 14 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 8 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | 4110 - Sugar Maple Association | Poletimber Medium | 41.0 | 53 | 81-110 | N/A | Lower quality mixed hardwood stand. Approximately 75% canopy closure. Thinned following last YOE. Horse trail passes through stand. Thinned 2005. Re-ad Island Lake North. 61-014-02-01. Data from 2010. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 70 | Pole | 6 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Ash | 5 | Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | 42200 - Natural White Pine | Sawtimber Poor | 15.7 | 71 | 1-50 | N/A | Cut spring 2013, Island Mix, 61-003-12-01. Lost ~25% of residual trees since then. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 20 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 2 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 65 | Log | 16 | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 8 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | 3102 - Grass | Nonstocked | 4.5 | | | | Active oil/gas facility. Breitburn "temporarily abandoned". State Kalkaska 1-16 HD1. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | 42260 - Natural Pine, Mixed Deciduous | Poletimber Medium | 13.2 | 61 | 51-80 | N/A | Fairly poor site. Mixed aspen and pine. A few denser pockets of aspen but generally low volume. A few small openings in stand. Aspen and jack pine falling out. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 15 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 55 | Log/Pole | 12 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 5 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 5 | Log/Pole/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 3 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 2 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 67 | 4123 - Red Oak | Sawtimber Medium | 18.0 | 84 | 51-80 | N/A | Fairly open stand (approximately 70% canopy closure). Some larger oak diameters. Would push towards white pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 45 | Log/XLog | 16 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 15 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 10 - 20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | 4111 - S.Maple, Hard Mast Association | Poletimber Well | 39.7 | 67 | 81-110 | N/A | Variable stand with some pockets of nice sugar maple poles or logs, but also has some pine especially along north edge and areas of oak and ironwood with some pockets of small pole-sized ironwood in canopy. Declining aspen found in pockets. Average BA=95 sf/acre. Thinned 1983 (61-023-83-02). Some salvage after 1998 wind storm. Some challenges with topography and poor access only on snowmobile trail, which is unusable when sandy. Also reluctant to treat because of beech and ironwood regeneration issues. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 65 | Pole/Log | 9 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 5 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 42260 - Natural Pine, Mixed Deciduous | Sawtimber Well | 51.9 | 92 | 111-140 | N/A | Heavily mixed stand. Some small areas within the stand will be difficult to harvest due to topography. Part of stand 5 that wasn't treated. WP planted 1929? (age 91) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 44 | Log | 14 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 25 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 6 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 15 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | 3102 - Grass | Nonstocked | 2.3 | | | No | Old well site, plugged 1982. Slash, gravel, St John wort, spotted knapweed. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | 500 - Water | Nonstocked | 2.4 | 0 | | No | Kettle pond. Water level is variable so west end might be exposed land at times. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 4110 - Sugar Maple Association | Poletimber Well | 30.9 | 67 | 81-110 | N/A | Stand is mainly pole sized sugar maple. Some scattered sugar maple logs. Declining aspen found in pockets. Very small amount of scattered red oak. Hendrickson Hardwoods, 61-035-12-01, Park Forest Products. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 75 | Pole/Log | 12 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 10 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole/Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |