



Compartment Review Presentation

Traverse City Forest Management Unit

Compartment 61115

Entry Year 2023

Acreage: 1,804

County Kalkaska

Management Area: Grayling Outwash

Revision Date: 2021-05-19

Stand Examiner: Katie Armstrong

Legal Description:

T27N R5W Section 19; T27N R6W Sections 21, 22, 23, 24

Identified Planning Goals:

Management in the Grayling Outwash management area (MA) will emphasize balancing the age class of aspen on suitable sites, thinning the northern hardwoods, balancing age classes of red pine and jack pine, and regenerating the aging swamp hardwood and conifer resource where possible. Management will strive to sustainably produce various timber products, enhance game and non-game wildlife habitat, protect areas of unique character, and provide for forest-based recreational uses. Management activities are constrained by poor access in the lowland portions of this area, some of which fall in the riparian zone of the Manistee River, a dedicated natural river. Expected trends within this 10-year planning period are increased recreational pressure, introduced pests and diseases and the difficulty in regenerating lowland types and desirable hardwood species.

Soil and topography:

Mainly Kalkaska Sandy Loam with Roselawn, Emmet and Saugatuck Sands along with pockets of Lupton Muck in many of the lowland areas of the compartment. Much of the topography in this compartment was sculpted by melting glaciers that dissected some of the ice contact ridges into steep ridges with flat sandy outwash plains between.

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

There are multiple areas of private ownership adjacent to this compartment, with primary land uses being residential and agriculture. A 20' easement was granted to a private landowner in Section 22.

Unique Natural Features:

There is potential for rare species based on known locations in adjacent compartments but nothing has been identified here.

Archeological, Historical, and Cultural Features:

The SHPO has identified a significant historical site in Section 24.

Special Management Designations or Considerations:

Natural Rivers native vegetation buffer (see Watershed section).

Watershed and Fisheries Considerations:

The two forks of the North Branch of the Manistee River combine in Compartment 115. Both forks are Designated Trout Streams. The North Branch of the Manistee River has naturally reproducing populations of brook and brown trout. The Natural Rivers native vegetation buffer for the North Branch of the Manistee River is 175', so no cutting should occur within 175' of either stream. Also, Best Management Practices should be followed when working near the streams.

Wildlife Habitat Considerations:

State land within this compartment lies on four different Land Type Associations (LTA). LTA 2121, a flat, till plain, occupies the smallest percentage of this compartment and is in the east ¼ of section 19. Presettlement vegetation on this land type was virtually all beech/sugar maple forest. Very little of this LTA is in State ownership. Most of the private ownership is in cropland, scattered northern hardwoods (woodlots), and Christmas tree plantations.

LTA 5149, a poorly drained flat outwash plain, occurs in the southwestern half of section 22 extending into section 19. There is another strip running north/south along the border of sections 23 and 24. In presettlement times this LTA was dominated by coniferous wetlands with small occurrences of upland coniferous and northern hardwood forests. Present vegetation within this LTA and compartment is a mixture of lowland conifers, lowland hardwoods with a generous component of conifers, lowland shrub, and areas of higher elevation that support northern hardwoods (very mesic but with less conifers), aspen, and upland brush. Maintaining early successional communities, including upland brush, on higher elevations in this LTA is appropriate as natural disturbances such as windfalls and wildfires do occasionally occur here. However, for the eastern occurrence of this LTA, the North Branch Manistee River acts as a natural firebreak from the

more fire prone, pitted outwash plain to the west. Aspen stands with a significant coniferous or northern hardwood component should be allowed to succeed to later successional communities. Existing coniferous wetlands, lowland shrub stands, and lowland hardwoods should be managed toward later successional communities. Conifer dominated wetlands, in association with dry upland inclusions, provide habitat for white-tailed deer, snowshoe hare, bobcat, evening grosbeaks, massasauga rattlesnakes, blazing star, and secretive locusts.

A large strip of excessively drained pitted outwash plain (LTA 5211) runs through most of section 23 and the northeast half of section 22. This LTA shows a history of wildfires and less frequently, windfalls. Consequently, a variety of forest types and age classes were historically found, including: the entire spectrum of conifer dominated forests, jack pine and oak/pine savannas, to northern hardwoods in "fire shadow" areas. Presently, this portion of LTA 5211 supports several stands of mature hardwoods, several aspen stands interspersed with upland brush/openings, and a small mix of conifer stands. Balsam fir, and to a lesser extent white pine and eastern hemlock, are found as an understory and mid-canopy species through portions of this area. This area should continue to be managed to produce a variety of forest types and successional stages related to a fire prone community. Several upland brush types have been prescribed for felling of selected trees to reduce encroachment of these habitat types. Timber prescriptions should be designed to incorporate leave trees and snags, as well as some downed logs, to mimic fire disturbance. Pine/aspen upland forests and openland habitats on outwash plains harbor species such as badger, wild turkey, hog-nosed snake, broad-winged hawk, red-backed salamander, pine warbler, American kestrel, and woodcock.

The eastern most section of this compartment contains a portion of a large complex of ice contact ridges (LTA 3211). Historically half of this LTA was covered in mixed forests of red and white pine. Beech/hemlock forests made up another large portion. Smaller occurrences of northern hardwoods were also found here. Species associated with hardwoods include the red-eyed vireo, four-toed salamander, common gray fox, and broad-winged hawk. Portions of aspen stands with a significant coniferous component should be allowed to succeed to later successional communities. Species benefiting from the continued presence of mixed pine forests include brown creep

Mineral Resource and Development Concerns and/or Restrictions

No active sand/gravel pits occur in the area, but there appears to be potential for sand and gravel in the compartment. The compartment is too far south to have any potential for Antrim Shale gas or Guelph formation reef reservoirs. There was past exploration and testing of the Collingwood Formation in this area. The Excelsior Collingwood wells are still in production, but the Collingwood Formation overall has not been proven to be a viable economic play in Michigan, and additional future development in the Collingwood is unlikely at current gas prices. Active leases occur in the compartment and are held by production from the Collingwood wells. There is no known metallic mineral potential in this part of the state. [Peter Rose, 2/19/2021]

Vehicle Access:

There is sufficient vehicular access throughout the compartment.

Survey Needs:

We will need to verify that the corners in Section 23 are already in place. The area has been treated in the past so I suspect that they are but we will need to confirm.

Recreational Facilities and Opportunities:

This compartment contains 1+ mile of snowmobile trail and 1+ mile of ORV trail including a parking lot on M72.

Fire Protection:

Fire protection is provided by the Michigan DNR, Kalkaska Field Office with assistance from volunteer fire departments. The Kalkaska office standby location is in this compartment on the hill north of M72 and west of Sunset Trail.

Additional Compartment Information:

The following reports from the Inventory are attached:

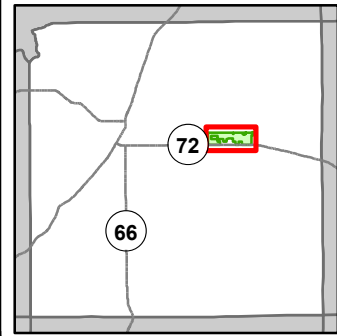
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

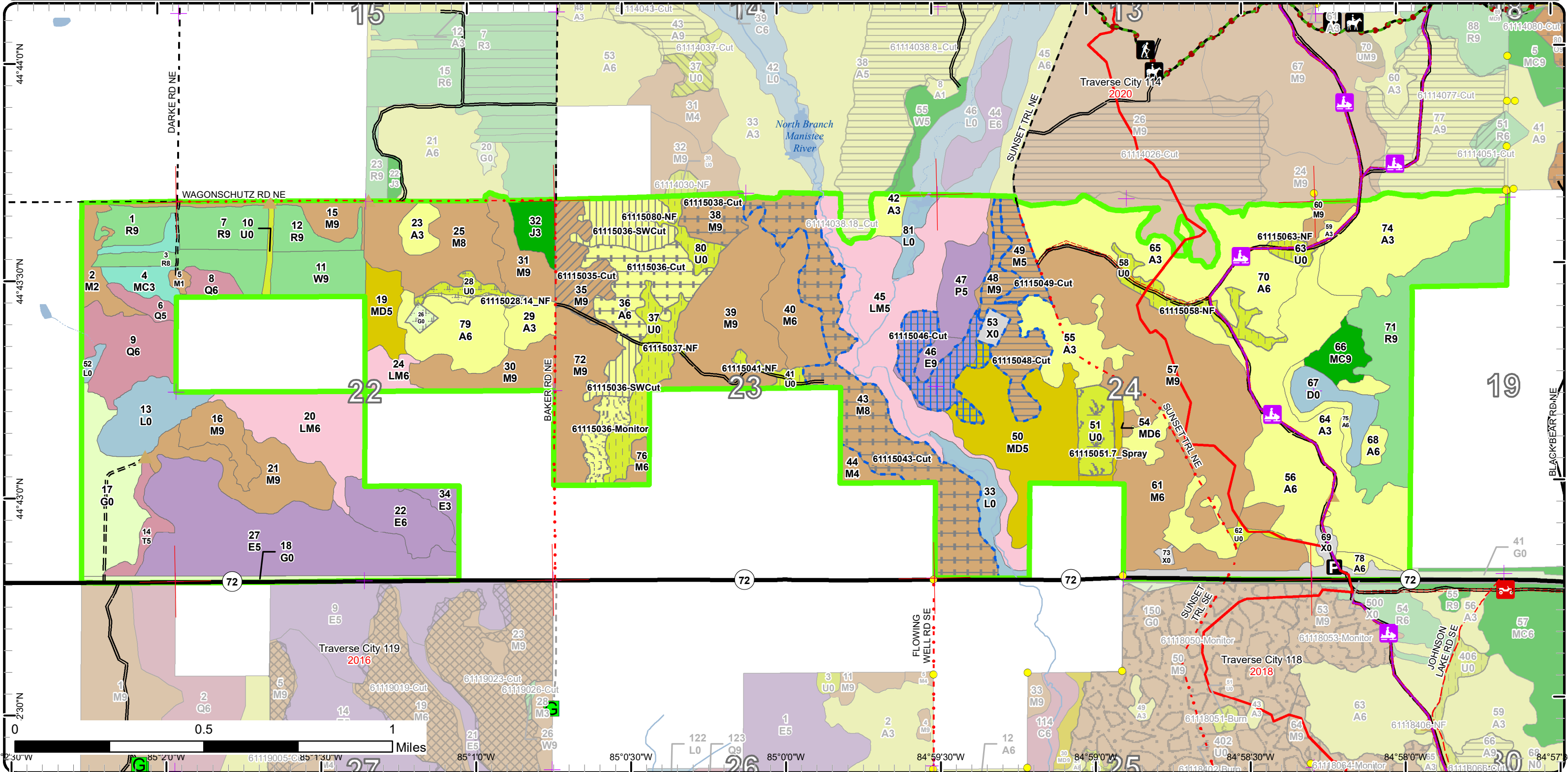
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 115
 T27N - R06W Sec. 21-24
 County: Kalkaska
 Unit: Traverse City
 Mgmt Area: Grayling Outwash
 YOE: 2023
 Acres: 1804.1 GIS Calculated
 Examiner: Katie Armstrong
 Map Revised: 9/15/2021
 Map Phase: Post-Review

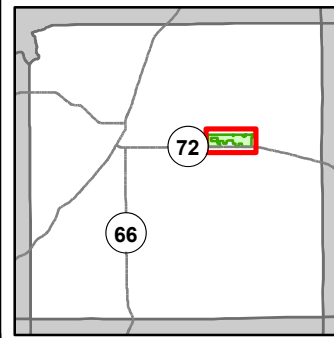


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- - Federal / State - Dirt / Gravel Road
- . . County - Dirt Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- Hiking Trails
- Horse Trails
- ORV Routes
- Snowmobile Trails
- Designated Hiking Trails
- Designated Equestrian Trails
- Designated Multi-Use Trails
- Designated ATV Trails
- Designated ORV Route
- Designated Snowmobile Trails
- ▲ Berms
- Gate
- Parking Lot
- Intermittent Pond
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Pesticide
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- Harvest, Overstory Removal
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Shelter Wood (w/Reserves)
- Opening Maintenance
- Monitoring
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub



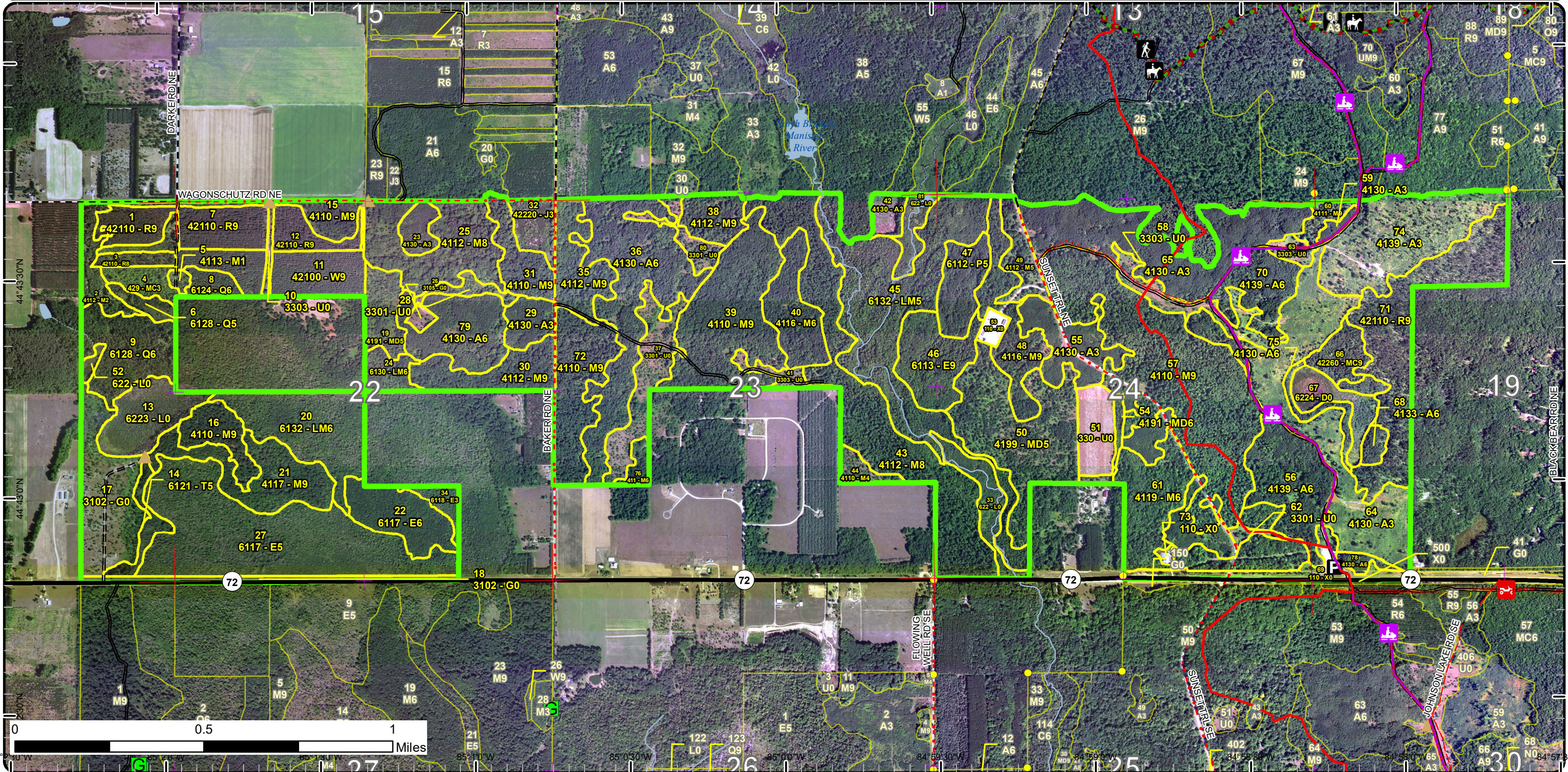
Stand Boundary Map

Compartment: 115
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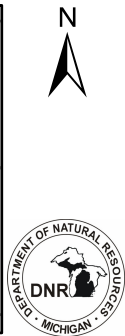
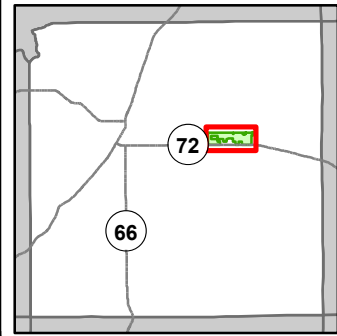
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- Stand Boundaries

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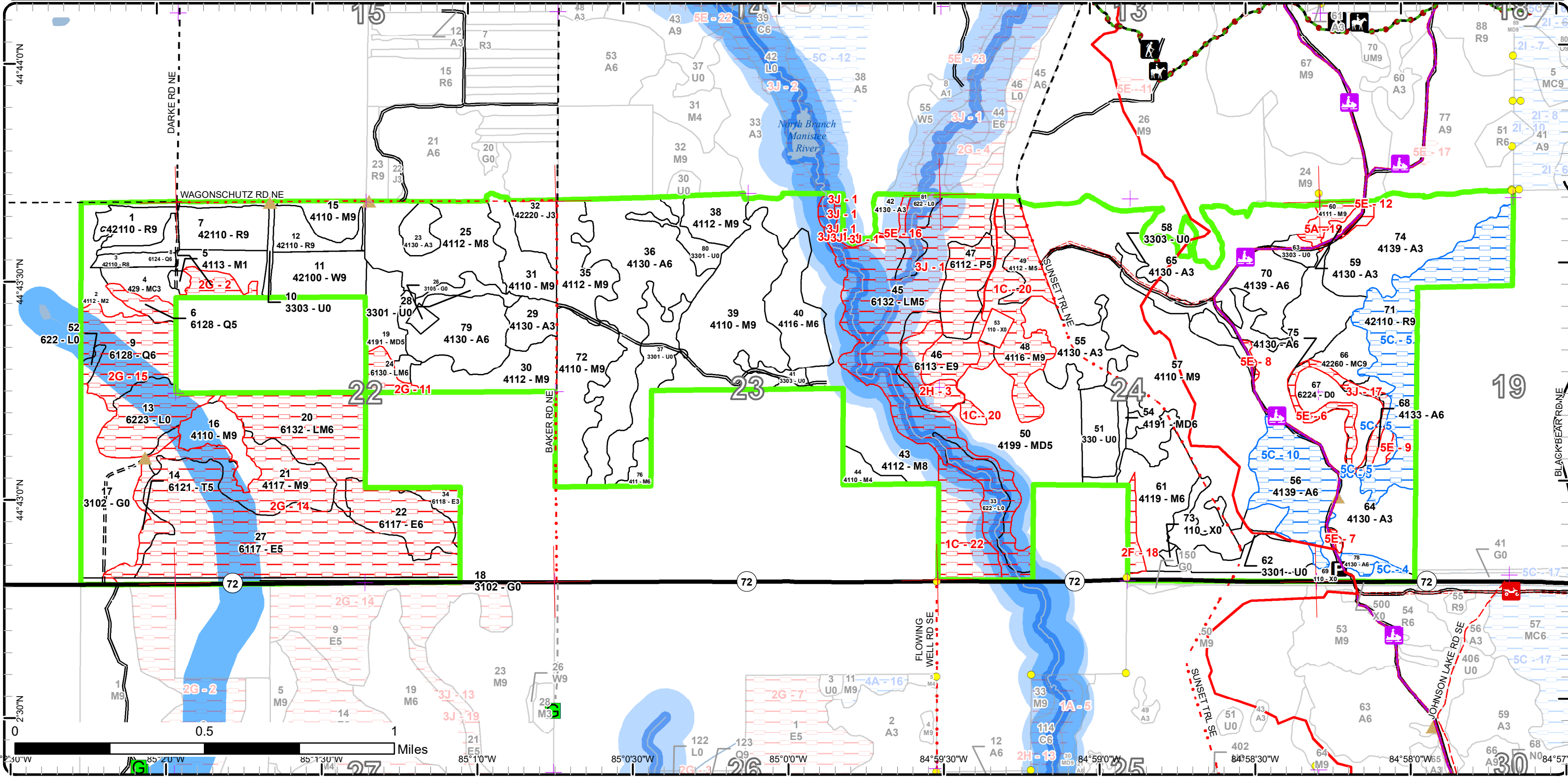


Special Conservation Areas

Compartment: 115
 T27N - R06W Sec. 21-24
 County: Kalkaska
 Unit: Traverse City
 Mgmt Area: Grayling Outwash
 YOE: 2023
 Acres: 1804.1 GIS Calculated
 Examiner: Katie Armstrong
 Map Revised: 9/15/2021
 Map Phase: Post-Review



- Miris Corners
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- Federal / State Highway
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- County - Gravel Road
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- Designated ATV Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Berms
- Gate
- Parking Lot
- Intermittent Pond
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 1C: Other dept or div proc/practices
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- High Priority Trout Stream Buffer



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 | 123 | 49 | 71 | 39 | 27 | 103 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 417 |
| Herbaceous Openland | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| Jack Pine | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Low-Density Trees | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 |
| Lowland Aspen/Balsam Poplar | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| Lowland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| Lowland Deciduous | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 |
| Lowland Mixed Forest | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 40 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 133 |
| Lowland Shrub | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| Mixed Upland Deciduous | 0 | 0 | 0 | 0 | 61 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 |
| Natural Mixed Pines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Northern Hardwood | 0 | 2 | 0 | 0 | 40 | 0 | 38 | 17 | 90 | 356 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 588 |
| Red Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105 |
| Tamarack | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Treed Bog | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Upland Conifers | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Urban | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| White Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| Total | 209 | 125 | 72 | 71 | 140 | 86 | 178 | 114 | 323 | 356 | 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1802 |



Report 2 – Treatment Summary

Traverse City Mgt. Unit
Year of Entry: 2023

Acres of Harvest

Compartment 115
Total Compartment Acres: 1,804

Commercial Harvest - 88
Harvests with Site Condition - 140
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 | 0 | 0 | 0 | 0 | 26 | 0 | 29 | 0 | 0 | 55 |
| Lowland Deciduous | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 24 |
| Northern Hardwood | 36 | 0 | 0 | 0 | 0 | 20 | 93 | 0 | 0 | 149 |
| Total | 36 | 0 | 0 | 24 | 26 | 20 | 122 | 0 | 0 | 228 |

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|--------------|------------|-----------|----------|----------|----------|-----------|------------|----------|-----------------|-------------|
| Current | 228 | 0 | 0 | 0 | 0 | 14 | 10 | 0 | 64 | 317 |
| Next Step | 0 | 0 | 0 | 0 | 0 | 14 | 100 | 0 | 0 | 114 |
| Total | 228 | 0 | 0 | 0 | 0 | 28 | 110 | 0 | 64 | 430 |



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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 |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

Approved Treatments:

| | | | | | | | | | | | |
|--|--------------------------|------|---|-------------------|----|--------|--------------|-----------------|--------------------------------------|-----------------|----|
| 26 | 61115026.15 NF | 2.2 | 3105 - Mixed Upland Herbaceous | Nonstocked | | | NonForestMgt | Other - Specify | 3105 - Mixed Upland Herbaceous | No | |
| <p><u>Prescription</u> Plant annual rye for several seasons to build up soil as needed. Then if possible convert to perennial planting of pasture mix or native grasses.</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> Old next step comments: Mow, seed, fertilize, herbicide, burn as needed to maintain planting.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p> | | | | | | | | | | | |
| 28 | 61115028.14 NF | 6.7 | 3301 - Low Density Deciduous Trees | Nonstocked | | | NonForestMgt | Other - Specify | 3105 - Mixed Upland Herbaceous | No | |
| <p><u>Prescription</u> Expand Wildlife planting from stand 26 into this stand where feasible. Will have to remove some trees to facilitate expansion. Plant annual rye for several seasons to build up soil as needed. Then if possible convert to perennial planting of pasture mix or native grasses.</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> Old next step comments: Mow, seed, fertilize, herbicide, burn as needed to maintain planting.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p> | | | | | | | | | | | |
| 35 | 61115035-Cut | 20.4 | 4112 - Maple, Beech, Cherry Association | Sawtimber Well | 80 | 81-110 | Harvest | Crown Thinning | 411 - Northern Hardwood | Uneven- Aged | No |
| <p><u>Prescription</u> Light treatment to remove high risk and declining trees and promote growth of sugar maple.</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> Still need to find corners for private boundary at north end.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p> | | | | | | | | | | | |



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| Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|---|-------|-----------------|-----------------|-----------|----------|----------------|----------------------------|----------------------------------|---------------|-------------|
| 36 61115036-Cut | 28.7 | 4130 - Aspen | Poletimber Well | 53 | 81-110 | Harvest | Overstory Removal | 4139 - Aspen, Mixed Deciduous | Even-Aged | No |
| <p><u>Prescription</u> Cut all trees > 6" DBH except scattered seed trees and underrepresented species. Some pockets of hardwood might need heavier green paint to be more like a thinning. Protect desirable advanced regeneration. Include bark slip restrictions.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, sugar maple, red maple, black cherry.</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 /2022</p> | | | | | | | | | | |
| 36 61115036-Monitor | 10.1 | 4130 - Aspen | Poletimber Well | 53 | 81-110 | Monitoring | Other - Specify | 4116 - Mixed N. Hardwood - Aspen | Uneven-Aged | No |
| <p><u>Prescription</u> Retaining this part of Stand 36 as a control to see how different levels of aspen removal (cut all aspen, cut some aspen, cut no aspen) affects sugar maple recruitment. (Size of control area may change based on sale logistics and presence of sugar maple regen throughout the non-treated area.) Re-evaluate at next inventory cycle.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Sugar maple, red maple, black cherry, birch, hemlock, white pine.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2030</p> | | | | | | | | | | |
| 36 61115036-SWCut | 26.4 | 4130 - Aspen | Poletimber Well | 53 | 81-110 | Harvest | Shelterwood with Retention | 4139 - Aspen, Mixed Deciduous | Even-Aged | No |
| <p><u>Prescription</u> Treatment is an aspen shelterwood to promote sugar maple understory. Mark to leave ~40 sf/acre of aspen (but will be less in some places) and mark to leave good form and/or good seed trees from other hardwood species. Some pockets of hardwood will be more like a thinning. Protect understory < 6" DBH (except beech or ironwood). Include bark slip restrictions.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, sugar maple, red maple, black cherry.</p> <p><u>Regen:</u></p> <p><u>Other</u> Per Jason Hartman's suggestion at pre-review, more aspen will be left in these areas as a comparison of these three treatments on one stand (cut all aspen, cut some aspen, cut nothing).</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</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 |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

| | | | | | | | | | | |
|-----------|--------------------|------|------------------------------------|------------|--|--|--------------|---------------|-----------------------------|----|
| 37 | 61115037-NF | 23.9 | 3301 - Low Density Deciduous Trees | Nonstocked | | | NonForestMgt | Brush Cutting | 3204 - Mast Producing Shrub | No |
|-----------|--------------------|------|------------------------------------|------------|--|--|--------------|---------------|-----------------------------|----|

Prescription Brush hog (or hand fell) around select leave trees and/or patches . Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover. Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Protect with wire cages or tubex. Considering adding native herbaceous/forbs ground cover for wildlife food source.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

| | | | | | | | | | | | |
|-----------|---------------------|------|---|----------------|----|--------|---------|-------------------|-------------------------|-------------|----|
| 38 | 61115038-Cut | 12.7 | 4112 - Maple, Beech, Cherry Association | Sawtimber Well | 60 | 81-110 | Harvest | Overstory Removal | 411 - Northern Hardwood | Uneven-Aged | No |
|-----------|---------------------|------|---|----------------|----|--------|---------|-------------------|-------------------------|-------------|----|

Prescription Cut all trees > 6" DBH except scattered seed trees and underrepresented species. Some pockets of hardwood might need heavier green paint to be more like a thinning. Protect desirable advanced regeneration.

Next Step
Treatments:

Acceptable Sugar maple, red maple, black cherry, aspen, oak, birch.
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

| | | | | | | | | | | |
|-----------|--------------------|-----|--------------------------------|------------|--|--|--------------|---------------|-----------------------------|----|
| 41 | 61115041-NF | 4.8 | 3303 - Mixed Low Density Trees | Nonstocked | | | NonForestMgt | Brush Cutting | 3204 - Mast Producing Shrub | No |
|-----------|--------------------|-----|--------------------------------|------------|--|--|--------------|---------------|-----------------------------|----|

Prescription Brush hog (or hand fell) around select leave trees and/or patches . Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover. Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Protect with wire cages or tubex. Considering adding native herbaceous/forbs ground cover for wildlife food source.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022



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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 |
|---|----------------|-------|---|------------------|-----------|----------|----------------|--------------------------|--|---------------|-------------|
| 43 | 61115043-Cut | 80.4 | 4112 - Maple, Beech, Cherry Association | Sawtimber Medium | 80 | 51-80 | Harvest | Overstory Removal | 411 - Northern Hardwood | Uneven-Aged | No |
| <p><u>Prescription</u> Remove most of canopy to release advanced regeneration. Leave heavier canopy in some areas to promote species diversity and/or to retain areas of nicer stem quality. Protect advanced regeneration, especially pockets of sugar maple. Per FD, do not cut aspen (if present) within 300' of the North Branch to reduce beaver impacts. May need to adjust boundaries to adequately protect N. Branch of the Manistee per Natural Rivers rules. (All lands within 175' of the river's edge, the entire face of a bluff where the toe of the bluff is within 175't of the river's edge, and the lands within 50' of the crest of a bluff.)</p> <p><u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> Red maple, black cherry, sugar maple, oak, aspen, white pine, balsam fir.</p> <p><u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u> Previous sale on this stand had to work with private landowner to skid across upland. Waiting for snow to melt to find corners.</p> <p><u>Site Condition</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/1 /2022</p> | | | | | | | | | | | |
| 46 | 61115046-Cut | 23.6 | 6113 - Lowland Maple | Sawtimber Well | 74 | 111-140 | Harvest | Seed Tree with Retention | 6117 - Lowland Deciduous, Mixed Coniferous | Even-Aged | No |
| <p><u>Prescription</u> Final harvest manageable parts of stand, leaving good form cherry and red maple for seed, underrepresented species for diversity and also using wetter parts of stand outside treatment area for seed. This should be leave tree marked with variable residual BA (~10-20 sf/acre). Protect interior hemlock pockets either by excluding from sale boundary or leaving higher residual BA. Access to western part will be tricky. The best option appears to be skidding across 2 drains which should be protected with crane mats in the south end of the stand. Winter cut required. Treatment area has been extended outside of the sale to improve access to closed road at south end and nearby treatment. Per FD, do not cut aspen (if present) within 300' of the North Branch to reduce beaver impacts. Treatment boundary may need to be adjusted to adequately protect N. Branch of the Manistee per Natural Rivers rules. (All lands within 175' of the river's edge, the entire face of a bluff where the toe of the bluff is within 175' of the river's edge, and the lands within 50' of the crest of a bluff.)</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 maple, black cherry, aspen, white pine, hemlock, birch.</p> <p><u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u> Blocked by Obstacle</p> <p><u>Proposed Start Date:</u> 10/1 /2022</p> | | | | | | | | | | | |
| 48 | 61115048-Cut | 23.9 | 4116 - Mixed N. Hardwood - Aspen | Sawtimber Well | 51 | 81-110 | Harvest | Clearcut with Retention | 4139 - Aspen, Mixed Deciduous | Even-Aged | No |
| <p><u>Prescription</u> Final harvest, leaving underrepresented species such as white pine, white oak, balsam fir an scattered sugar maple for seed. Leave retention along wet edge (west side of north part) and tree-length buffer around ephemeral ponds in south part of 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> Aspen, red maple, sugar maple, black cherry, oak, white pine, balsam fir.</p> <p><u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u> Other Dept./Div. Processes</p> <p><u>Proposed Start Date:</u> 10/1 /2022</p> | | | | | | | | | | | |



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| Stand | Treatment Name | Acres | Stand CoverType | Size Density | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective | Age Structure | Habitat Cut |
|--|-------------------|-------|---|-------------------|-----------|--------------|----------------|-------------------------|----------------------------------|---------------|-------------|
| 49 | 61115049-Cut | 12.0 | 4112 - Maple, Beech, Cherry Association | Poletimber Medium | 50 | 51-80 | Harvest | Clearcut with Retention | 4116 - Mixed N. Hardwood - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Final harvest in combination with Stand 48. Hopefully stocking will improve in new stand. Leave area retention as a patch, probably along Sunset Trail. Leave underrepresented species such as white pine.</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, red maple, sugar maple, black cherry, oaks, white pine, balsam fir.</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 /2022</p> | | | | | | | | | | | |
| 51 | 61115051.7_S pray | 13.9 | 330 - Low-Density Trees | Nonstocked | 0 | | Pesticide | ERROR | 42110 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> release spray</p> <p><u>Specs:</u> This was original supposed to be sprayed in FY 2019 but got bumped for higher priority sites. Didn't get sprayed in 2020 either.</p> <p><u>Next Step</u> ; Monitoring, Artificial Regen(3yr); ; Pesticide, (Inactive)Aerial</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Planted red pine.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | | |
| 58 | 61115058-NF | 14.7 | 3303 - Mixed Low Density Trees | Nonstocked | | | NonForestMgt | Brush Cutting | 3204 - Mast Producing Shrub | | No |
| <p><u>Prescription</u> Brush hog (or hand fell) around select leave trees and/or patches . Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover. Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Protect with wire cages or tubex. Considering adding native herbaceous/forbs ground cover for wildlife food source.</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></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p> | | | | | | | | | | | |
| 63 | 61115063-NF | 4.2 | 3303 - Mixed Low Density Trees | Nonstocked | | Unspec ified | NonForestMgt | Brush Cutting | 3204 - Mast Producing Shrub | | No |
| <p><u>Prescription</u> Brush hog (or hand fell) around select leave trees and/or patches . Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover. Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Protect with wire cages or tubex. Considering adding native herbaceous/forbs ground cover for wildlife food source.</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></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</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 |
|--|-------|------------------------------------|--------------|-----------|-------------|----------------|------------------|-----------------------------|---------------|-------------|
| 80 61115080-NF | 7.9 | 3301 - Low Density Deciduous Trees | Nonstocked | | Unspecified | NonForestMgt | Brush Cutting | 3204 - Mast Producing Shrub | | No |
| <p><u>Prescription</u> Brush hog (or hand fell) around select leave trees and/or patches . Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover. Could plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. Protect with wire cages or tubex. Considering adding native herbaceous/forbs ground cover for wildlife food source.</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></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p> | | | | | | | | | | |

Total Treatment Acreage Proposed: 316.5

Report 4 – Site Conditions

Traverse City Mgt. Unit
Katie Armstrong : Examiner

Compartment: 115
Year of Entry: 2023

Availability for Management

| Total Acres | Acres Available | Acres Avail | | Acres Not Available | | Dominant Site Conditions | | | | | | | | | |
|----------------|--------------------|----------------|--|------------------------|-----------------------------|--------------------------|----|----|-----|----|----|-----|----|--|----|
| | | With Condition | | | | 5C | 1C | 2F | 2G | 2H | 3J | 5A | 5E | | |
| 417 | 366 | 38 | | 13 | Aspen | 38 | | | | | | 3 | | | 10 |
| 49 | 40 | 0 | | 9 | Herbaceous Openland | | | | 9 | | | | | | |
| 10 | 10 | 0 | | 0 | Jack Pine | | | | | | | | | | |
| 80 | 80 | 0 | | 0 | Low-Density Trees | | | | | | | | | | |
| 17 | 0 | 0 | | 17 | Lowland Aspen/Balsam Poplar | | | | | | | 17 | | | |
| 41 | 0 | 0 | | 41 | Lowland Conifers | | | | 41 | | | | | | |
| 147 | 0 | 0 | | 147 | Lowland Deciduous | | 0 | | 122 | 11 | | 14 | | | |
| 134 | 2 | 0 | | 131 | Lowland Mixed Forest | | | | 46 | 0 | | 83 | | | 2 |
| 46 | 0 | 0 | | 46 | Lowland Shrub | | | | 25 | | | 21 | | | |
| 75 | 71 | 0 | | 4 | Mixed Upland Deciduous | | 4 | | | | | 0 | | | |
| 11 | 9 | 0 | | 1 | Natural Mixed Pines | | | | | | | 1 | | | |
| 588 | 485 | 0 | | 103 | Northern Hardwood | | 60 | 4 | 31 | | | 2 | 6 | | |
| 105 | 44 | 59 | | 2 | Red Pine | 59 | | | | | | 2 | | | 1 |
| 7 | 0 | 0 | | 7 | Tamarack | | | | 7 | | | | | | |
| 14 | 13 | 0 | | 0 | Treed Bog | | | | | | | 0 | | | 0 |
| 13 | 13 | 0 | | 0 | Upland Conifers | | | | | | | | | | |
| 20 | 19 | 0 | | 1 | Urban | | 0 | 0 | | | | | | | 1 |
| 31 | 30 | 0 | | 1 | White Pine | | | | 1 | | | | | | |
| 1,804 | 1,185 | 96 | | 523 | Total Forested Acres | 96 | 64 | 4 | 282 | 11 | | 142 | 6 | | 14 |
| | 66% | 5% | | 29% | 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 | 3J: Water quality / BMPs (stream, river, or lake) | 137 | 2G: Too wet (sensitive soils, does not include access issues) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Traverse City Mgt. Unit
Katie Armstrong : Examiner

Compartment: 115
Year of Entry: 2023

| | | | | | | | |
|---|--------------------|--|----|-------------|-------------|-------------|-------------|
| 2 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 7 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 3 | Unavailable | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | 11 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 4 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 5 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 59 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 6 | Unavailable | 5E: Long-Term Retention | 6 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Retention from Tree-men-dus Mix, 61-067-13-01. Steep slope adjacent to treed bog. | | | | | | | |
| 7 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Retention from Tree-men-dus Mix, 61-067-13-01. Visual along snowmobile trail. | | | | | | | |

Report 4 – Site Conditions

Traverse City Mgt. Unit
Katie Armstrong : Examiner

Compartment: 115
Year of Entry: 2023

| | | | | | | | |
|---|--------------------|---|----|-------------|-------------|-------------|-------------|
| 8 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Retention from Tree-men-dus Mix, 61-067-13-01. Visual along snowmobile trail. | | | | | | | |
| 9 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 10 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 34 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Hold until YOE 2033. | | | | | | | |
| 11 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 6 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 12 | Unavailable | 5E: Long-Term Retention | 2 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: Visual screen along snowmobile trail. | | | | | | | |
| 13 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Traverse City Mgt. Unit
Katie Armstrong : Examiner

Compartment: 115
Year of Entry: 2023

| | | | | | | | |
|--|--------------------|---|-----|---|---|-------------|-------------|
| 14 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 208 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 15 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 61 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 16 | Unavailable | 5E: Long-Term Retention | 4 | 3J: Water quality / BMPs (stream, river, or lake) | 2G: Too wet (sensitive soils, does not include access issues) | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 17 | Unavailable | 3J: Water quality / BMPs (stream, river, or lake) | 6 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 18 | Unavailable | 2F: Too steep | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 19 | Unavailable | 5A: Not able to obtain desirable regeneration | 6 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| Severe beech regeneration issues. We will not be able to maintain this as a traditional northern hardwood stand in the future. | | | | | | | |

Report 4 – Site Conditions

Traverse City Mgt. Unit
Katie Armstrong : Examiner

Compartment: 115
Year of Entry: 2023

| | | | | | | | |
|--|-------------|---|----|-------------|-------------|-------------|-------------|
| 20 | Unavailable | 1C: Other dept or div proc/practices | 40 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: See locked comments | | | | | | | |
| 22 | Unavailable | 1C: Other dept or div proc/practices | 24 | 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 |
|-------------------|----------------|--|
| SCA | Riparian Area | A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity. |
| HCVA | Natural Rivers | There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder. |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | |
|-----------------------|---|------------------|-------------------|------------|------------|---------------------------|---|--------|
| 1 | 42110 - Planted Red Pine | Sawtimber Well | 11.5 | 67 | 111-140 | N/A | Red pine plantation, 3rd row thinned. Responded well. Some hdwd regen in understory: beech, ironwood and occasional bf. 2nd thinning February 2014. Darke Knight Red Pine, 61-081-13-01. Variable understory with some open areas, a lot of beech and ironwood. A little bit of maple. BAs: 150, 130, 110. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Red Pine | | 100 | Log/Pole | 10 | 67 | Beech | | Medium |
| | | | | | | Ironwood | | Low |
| | | | | | | Sugar Maple | | Medium |
| | | | | | | Balsam Fir | Low | |
| 2 | 4112 - Maple, Beech, Cherry Association | Sapling Medium | 13.3 | 36 | 1-50 | N/A | Small M-type/U-type stand with cherry being dominant. Red maple, balsam fir and sugar maple also present in fair numbers. Some edges are slightly wet, most notably adjacent to stands 6 and 9. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Sugar Maple | | 5 | Sapling | 2 | | Balsam Fir | | Low |
| Red Maple | | 20 | Sapling/Pole | 2 | | | | |
| Balsam Fir | | 5 | Sapling | 4 | | | | |
| Black Cherry | | 65 | Sapling/Pole | 4 | 36 | | | |
| White Pine | | 5 | Sapling | 1 | | | | |
| 3 | 42110 - Planted Red Pine | Sawtimber Medium | 4.9 | 70 | 51-80 | N/A | Stand was harvested with Stand 4 (to the north and south) but was separated because overstory red pine were left in this area. Regen is thick with sugar maple. Some balsam fir and ironwood present throughout stand. Might be a good candidate to convert to hardwoods after final harvest of red pine. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Red Pine | | 100 | Log/Pole | 10 | 70 | Sugar Maple | | Medium |
| | | | | | | Jack Pine | | Medium |
| | | | | | | Ironwood | | Medium |
| 4 | 429 - Mixed Upland Conifers | Sapling Well | 13.0 | 18 | Immature | N/A | This was a J6 stand harvested in 2004, but they only cut jack pine. 115 Mix, 61-042-03-01. Regenerating to a patchy mix of of sugar maple, cherry and jack pine. Some strips are almost solid cherry saplings. A few supercanopy maples. Trace of wetland species like tamarack, balsam fir and black spruce along south edge. Northeast part is most open. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | | | |
| Red Maple | | 10 | Sapling/Pole | 2 | 18 | | | |
| Red Oak | | 2 | Sapling | 2 | | | | |
| Balsam Fir | | 8 | Sapling | 3 | | | | |
| Jack Pine | | 55 | Sapling/Pole | 2 | 18 | | | |
| Black Cherry | | 25 | Sapling | 2 | | | | |
| 5 | 4113 - R.Maple, Conifer | Sapling Poor | 1.8 | 7 | 1-50 | N/A | Removed most of red maple and other canopy species in spring 2014, leaving scattered red maple, cherry, white pine and other conifers. Fair amount of red maple stump sprouts and a scattered individual cherry saplings. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | | | |
| Red Maple | | 20 | Log | 10 | 70 | | | |
| Balsam Fir | | 20 | Pole/Sapling | 6 | | | | |
| Black Cherry | | 10 | Sapling | 1 | | | | |
| Red Maple | | 50 | Sapling | 1 | 7 | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|------------|------------|----------|--------------|---|-----|--------------|----|----|--|----|--------------------|---------|-------------|--------------|-----------|--------------|--------------|---------|--------------|--------|--------------|---------|----------|----------------------|-------------|----------|----|--|--|----|--------------------|---------|-------------|--|------------|--------------------|--------------|-------------|------------|------------|-------------|-------------|-----------|-------------------|----------|-------------|------------|-----------|-----|-------------|------------|-------|-------|-------------|---------|
| 6 | 6128 - Lowland Coniferous, Mixed Deciduous | Poletimber Medium | 5.1 | 60 | 51-80 | N/A | Lowland stand with variable canopy closure of tamarack, fir, and red maple. Fairly dense understory of 2-3" fir and 1-2" maple. Lots of alder in open pocket through central part of stand. Seasonally wet in many spots. Old grade bisects stand and seems to be damming up some water. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>30</td> <td>Pole/Sapling</td> <td>6</td> <td>60</td> </tr> <tr> <td>Tamarack</td> <td>40</td> <td>Pole/Log/Sap</td> <td>6</td> <td>60</td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 20 | Pole/Sapling | 5 | | Balsam Fir | 30 | Pole/Sapling | 6 | 60 | Tamarack | 40 | Pole/Log/Sap | 6 | 60 | Paper Birch | 3 | Pole | 8 | | White Pine | 5 | 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>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | Medium | 5 - 10 feet | Tall Shrub | Balsam Fir | High | >20 feet | Sapling | Red Maple | Medium | >20 feet | Sapling | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 30 | Pole/Sapling | 6 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 40 | Pole/Log/Sap | 6 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 3 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 42110 - Planted Red Pine | Sawtimber Well | 17.2 | 67 | 111-140 | N/A | Nice log size red pine stand, third row thinned, growing well. 2nd thinning February 2014. Darke Knight Red Pine, 61-081-13-01. Deciduous regeneration thick throughout, some areas more open. BAs: 150, 140, 120, and 100; average 128 sf/acre. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log/Pole</td> <td>12</td> <td>67</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Pine | 100 | Log/Pole | 12 | 67 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</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>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | 10 - 20 feet | Sapling | Beech | Medium | 10 - 20 feet | Sapling | Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 12 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 6124 - Lowland Spruce-Fir | Poletimber Well | 6.0 | 70 | 51-80 | N/A | Mixed lowland conifer, mainly fir, with red maple present in fair numbers. Other swamp hardwood species present in low numbers. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 30 | Pole/Log/Sap | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 45 | Pole | 8 | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 15 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 6128 - Lowland Coniferous, Mixed Deciduous | Poletimber Well | 29.4 | 50 | 51-80 | N/A | Diverse stand of fir/spruce and swamp hardwoods. Many open areas, small in size, occupied by alder and other lowland shrubs. Narrow gauge railroad grade traverses central western portion of stand. Scattered large white pine and pole-sized paper birch present mainly concentrated around openings. Some small areas of open water. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 30 | Pole/Sap/Log | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole/Log | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 35 | Pole | 5 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 5 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Osier Dogwood | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Trace | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 3303 - Mixed Low Density Trees | Nonstocked | 2.7 | | | No | Open stand, some aspen, rp and cherry throughout. 2-track is a granted easement to private 80 to the south. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 42100 - Planted White Pine | Sawtimber Well | 30.5 | 70 | 111-140 | N/A | Planted white pine, row thinned in 1993. Fair amount of defect in the white pine. Stand is regenerating between rows to thick red maple, a very small amount of red and white pine regen present, short in height. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 100 | Log/Pole | 12 | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Full | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------|--|------------|--------------------|----------|--------------|---|-------------|---------------|--------------|----|---------|--|--------|--------------------|------------|-------------|---|-----------|--------------------|--------------|-------------|--|-------------|--------------------|--------------|-------------|-----------|--------------|--------------|--------------|---------|---|--------------|--------------------|------------|-------------|------|-------------|-----|--------------|---------|---------|-----|--------------|---------|--------------|-----|-------------|---------|----------|-----|-------------|---------|-----------|--------|-------------|---------|-------------------|------|-------------|------------|
| 12 | 42110 - Planted Red Pine | Sawtimber Well | 10.7 | 67 | 111-140 | N/A | Planted red pine stand which has been row thinned already. Stand is growing well, good quality, uniform density. Second thinning February 2014. Darke Knight Red Pine, 61-081-13-01. Very similar to stand 7 to the west however some slight differences including density and the rows being oriented n/s rather than e/w are reasoning for separating stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 11 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 6223 - Inundated Shrub Swamp | Nonstocked | 23.0 | | | No | Lowland shrub, some larger trees included in stand near perimeter. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bog Birch | Medium | | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 6121 - Tamarack | Poletimber Medium | 7.4 | 60 | 51-80 | N/A | Tamarack stand w/ balsam fir present in low numbers in overstory. Balsam fir is dense in understory. A few white pine along edge. Some openings w/ alder and cherry. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 85 | Pole/Log | 9 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Sapling/Pole | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 4110 - Sugar Maple Association | Sawtimber Well | 12.1 | 85 | 81-110 | N/A | Nice sugar maple stand, thinned 2004. Baker Road Hardwoods, 61-027-03-01. Contract marked. Some sugar maple regen, mostly ironwood. 2011: Crowns still free for the most part, stocking a little low to warrant another treatment. Will be ready next yoe. Some defect remains, some providing good habitat. Fair amount of browse on sugar maple. 2021: Thicker than average sugar maple regen. Maple diameters are relatively large but BA is patchy (average 86 sf/acre) so I don't recommend thinning. 70 100 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>97</td> <td>Log/Pole</td> <td>12</td> <td>85</td> </tr> <tr> <td>Black Cherry</td> <td>3</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Sugar Maple | 97 | Log/Pole | 12 | 85 | Black Cherry | 3 | 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>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</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 | Ironwood | Medium | 10 - 20 feet | Sapling | Beech | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 97 | Log/Pole | 12 | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 3 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 4110 - Sugar Maple Association | Sawtimber Well | 14.1 | 90 | 81-110 | N/A | Nice hardwood stand w/ sugar maple and black cherry dominant. Very nice black cherry throughout. Some decent sugar maple and cherry regen, fair amount of ironwood regen. Hemlock at wetter edges of stand. Thinned in 1993 and spring 2016. Cherry on Top Hardwoods, 61-080-13-01. This treatment focused on the upland parts of the original stand and shifted the wetter parts into Stand 21. Some maple regen but not a lot. Fair amount of blackberry in canopy gaps. Average BA 100 sf/ac. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Log</td> <td>12</td> <td>90</td> </tr> <tr> <td>Yellow Birch</td> <td>4</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>6</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>20</td> <td>Log/Pole</td> <td>12</td> <td>90</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 | | Sugar Maple | 60 | Log | 12 | 90 | Yellow Birch | 4 | Log/Pole | 10 | | Hemlock | 6 | Log/Pole | 10 | | Black Cherry | 20 | Log/Pole | 12 | 90 | 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>Hemlock</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Common Blackberry</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Sugar Maple | Low | 10 - 20 feet | Sapling | Hemlock | Low | 10 - 20 feet | Sapling | Black Cherry | Low | 5 - 10 feet | Sapling | Ironwood | Low | 5 - 10 feet | Sapling | Red Maple | Medium | 5 - 10 feet | Sapling | Common Blackberry | High | 5 - 10 feet | Tall Shrub |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 60 | Log | 12 | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Birch | 4 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 6 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 20 | Log/Pole | 12 | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Common Blackberry | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 3102 - Grass | Nonstocked | 36.8 | | Immature | No | Open land consisting of grasses and scattered wp, rp and cherry seedlings. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry (spp.) | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Big Bluestem | Medium | | Non-Wood | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Trace | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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

| | | | | | | | |
|----|--------------|------------|-----|--|--|----|------------------|
| 18 | 3102 - Grass | Nonstocked | 9.6 | | | No | M72 right-of-way |
|----|--------------|------------|-----|--|--|----|------------------|

| | | | | | | | |
|----|--|-------------------|------|----|------|-----|---|
| 19 | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Medium | 13.7 | 40 | 1-50 | N/A | Typed as an opening in 2011 but has filled in enough to be a forested stand. Mostly cherry throughout with white pine and a few aspen pockets. Scattered small openings remain. Had some aspen and mixed hardwood removed in 1983, Baker Block 2, 61-001-83-01. |
|----|--|-------------------|------|----|------|-----|---|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------------|-----|-----|
| Quaking Aspen | 25 | Sapling/Pole | 3 | |
| White Pine | 25 | Sapling/Pole/Log | 3 | |
| Red Maple | 10 | Log/Pole | 10 | |
| Black Cherry | 30 | Pole/Sapling | 5 | 40 |
| Balsam Fir | 5 | Pole/Sapling | 6 | |

| | | | | | | | |
|----|--|-----------------|------|----|--------|-----|--|
| 20 | 6132 - Mixed Lowland Forest with Cedar | Poletimber Well | 40.2 | 60 | 81-110 | N/A | Lowland conifer stand, inventoried in southern portion. Blowdown and dense cover made accessing northern portions difficult. Hemlock concentrated along southern edge. Some large red maple. Overall size class is variable. |
|----|--|-----------------|------|----|--------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------------|---------|--------------|-----|-----|
| Sugar Maple | 5 | Pole | 6 | |
| Red Maple | 35 | Pole/Sap/Log | 8 | 60 |
| Yellow Birch | 5 | Log | 12 | |
| Quaking Aspen | 10 | Pole/Sapling | 6 | |
| Northern White Cedar | 30 | Pole/Log | 8 | |
| White Pine | 3 | Log | 12 | |
| Hemlock | 12 | Log/Pole | 12 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|--------------|---------|
| Red Maple | Medium | 5 - 10 feet | Sapling |
| Balsam Fir | Low | 5 - 10 feet | Sapling |
| Hemlock | Low | 10 - 20 feet | Sapling |

| | | | | | | | |
|----|---------------------------------|----------------|------|----|-------|-----|--|
| 21 | 4117 - Mixed N. Hardwood - Pine | Sawtimber Well | 30.8 | 95 | 51-80 | N/A | Variable stand. Some areas of log-sized red maple (that I wish we had cut with Stand 16) with areas of nice maple poles and large saplings and areas of supercanopy white pine. Average BA = 80 sf/acre but variable. Former opening has pretty much filled in. 2011: More influence from surrounding wet areas in this stand as opposed to stand 16. Some large white pine near southern eastern edge and near opening in center are having a major influence on regeneration within stand. Hemlock occurs throughout stand in lower numbers but is regenerating in places, albeit in very small amounts. Red maple is large, fair quality, overall stand is descent quality. This stand and stand 16 were thinned in 1985. Had problems accessing all of the sale because of beaver flooding. 61-003-83. |
|----|---------------------------------|----------------|------|----|-------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|---------------|-----|-----|
| Sugar Maple | 12 | Log/Pole | 12 | |
| Red Maple | 45 | Log/Pole/Sap | 12 | 95 |
| Yellow Birch | 5 | Pole/Log | 8 | |
| White Pine | 28 | Log/XLog/Pole | 16 | |
| Black Cherry | 5 | Log/Pole | 12 | |
| Hemlock | 5 | Pole/Log | 8 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|--------------|------------|
| Sugar Maple | Low | 5 - 10 feet | Sapling |
| Red Maple | High | 10 - 20 feet | Sapling |
| White Pine | Medium | 5 - 10 feet | Sapling |
| Beech | Low | 10 - 20 feet | Sapling |
| Common Blackberry | Low | 5 - 10 feet | Tall Shrub |

| | | | | | | | |
|----|--|-----------------|------|----|------|-----|--|
| 22 | 6117 - Lowland Deciduous, Mixed Coniferous | Poletimber Well | 22.7 | 46 | 1-50 | N/A | Records suggest that this was cut in 1975, but there are no maps for that treatment. Just reaching pole size. Mostly red maple and balsam fir with some cherry and aspen. Scattered cherry and pockets of aspen with scattered hemlock. More balsam fir in southern part of stand. Some size variation of aspen. Sugar maple and occasional yellow birch in northern parts of stand. Accessible off M72. |
|----|--|-----------------|------|----|------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Sugar Maple | 5 | Sapling | 2 | |
| Red Maple | 40 | Pole/Sapling | 6 | 46 |
| Quaking Aspen | 13 | Sapling/Pole | 4 | 46 |
| Balsam Fir | 20 | Sapling/Pole | 4 | |
| Black Cherry | 18 | Pole/Sapling | 6 | |
| Pin Cherry | 2 | Sapling | 3 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|--------------|---------|
| Red Maple | Medium | 5 - 10 feet | Sapling |
| Quaking Aspen | Low | 5 - 10 feet | Sapling |
| Balsam Fir | Medium | 10 - 20 feet | Sapling |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|------------|--------------------|----------|-----------------|--|---------------|--------------|----|---------|----------------|----|--------------|---|----|--------------|----|--------------|----|----|---|----|--------------------|---------|-------------|------------|----------------------|----------|----------|------------|---|---|--------------------|---------|-------------|-------------|-------------|--------------|-------------|---------|------------|-----|-------------|------------|----------|---|--------------|--------------------|------------|-------------|-------------|------------|------|----------|---------|-------|-------|-------------|---------|-----------|-----|-------------|------------|--|--|--|--|
| 23 | 4130 - Aspen | Sapling Well | 7.1 | 17 | Immature | N/A | A3 stand regenerating fairly well. Lots of cwd, quite a bit of red maple and ironwood. Cut in 2004, 115 Mix, 61-042-03-01. Cut everything with 2" spec except balsam fir and junberry. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 90 | Sapling | 2 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | 5 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blackberry/Raspberry | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 6130 - Fir, Aspen, Maple | Poletimber Well | 8.3 | 55 | 51-80 | N/A | Variable stand of spruce/fir or red maple over balsam fir with scattered aspen and white pine throughout. Birch near edges. Some open pockets and transition zones between this stand and adjacent types. Wetter towards the southwest and might have a little manageable red maple on the east edge. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 25 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 15 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 30 | Pole/Sapling | 6 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 10 | Pole | 6 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 5 | Log/XLog | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 5 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 5 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Trace | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 4112 - Maple, Beech, Cherry Association | Sawtimber Medium | 40.3 | 75 | 81-110 | N/A | Variable stand dominated by aspen and sugar maple. Quality and density are patchy. Average BA ~100 sf/ac. Generally poor quality maple with lots of defect and high-risk trees. Small openings throughout. West side used to be a U-type and appears to have been trenched at some point. Cherry, ironwood and a small amount of conifers present as well. Low density overall. Some pockets dominated by ironwood regen including pockets of pole-sized ironwood. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 60 | Log/Pole | 12 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Log/Pole | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Trace | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 3105 - Mixed Upland Herbaceous | Nonstocked | 2.2 | | | Managed Opening | opening w/ scattered cherry. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry (spp.) | Low | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 6117 - Lowland Deciduous, Mixed Coniferous | Poletimber Medium | 94.1 | 75 | | N/A | Wet stand with deciduous species most common including black ash, red maple and cherry. Alder species present in more open areas. Pockets of conifers mixed in including white pine, cedar, balsam fir and tamarack. Wet in many areas of stand that were accessed. Some smaller cedar under the deciduous canopy. There is a small pocket of large white pine and hemlock in SE corner along M-72. There is some hemlock regen here. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 35 | Pole/Sapling | 6 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 15 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tamarack | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log/XLog/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 5 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | Trace | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 3301 - Low Density Deciduous Trees | Nonstocked | 5.2 | | | Managed Opening | Opening with scattered cherry. Opening was trenched at some point. Some small pockets of ironwood regeneration with a fair amount of 2" cherry. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------|-------|-----------|----------------------|--------------|---|----------------|---------|------------|-----|-----|--------------------|---------|--------------|------|-------------|--------------|----------|---------|----|-------------|----------------|-------------|---------|----------|----|------------|----|--------------|------------|------|--------------|---------|---------|---|-----|--------------|----|----------|------|--------------|----------|--------------|---------|----------|----|-------------|----------|--------------|--------------|---------|--------------|---|----------|---|--|----------------------|--------|----------|------------|--------------|----|----------|----|--|--|--|--|--|-----------|----|----------|----|--|--|--|--|--|---------------|---|----------|---|--|--|--|--|--|
| 29 | 4130 - Aspen | Sapling Well | 9.9 | 28 | Immature | N/A | A3 stand with hardwood species throughout. Many areas of more pure aspen. Occasional conifers, most notably balsam fir. some small pockets w/ variable stocking most likely resulting from skid trails established during previous harvest. Aspen growing fairly well. Clearcut in 1993. Baker Road Aspen, 61-007-93-01. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 8 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| American Elm | 2 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 70 | Sapling | 3 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 2 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 8 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | 10 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 4112 - Maple, Beech, Cherry Association | Sawtimber Well | 21.3 | 80 | 81-110 | N/A | Hdwd stand thinned in 1996 and 2004. Baker Road Hardwoods, 61-027-03-01. Contract marked. More red maple towards the west end which transitions into a wetter stand. Average BA ~90 sf/acre. Fair quality tress overall, limby individuals around edges. Hemlock scattered throughout and a little denser at the western end and edges. Regen consists of heavy beech and ironwood, but not as much as some nearby stands. Some sugar maple and cherry regen present. Openings also have fair amount of rubus spp throughout. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 37 | Log/Pole | 14 | 80 | Sugar Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 2 | Log | 10 | | Beech | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 3 | Log | 14 | 80 | Hemlock | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 2 | Log | 14 | 100 | Ironwood | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 3 | Pole/Log | 7 | | Blackberry/Raspberry | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 20 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 31 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 2 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 4110 - Sugar Maple Association | Sawtimber Well | 15.5 | 80 | 81-110 | N/A | Sugar maple stand, thinned in 1993 and 2014, Horn Honker Hardwoods, 61-048-13-01. Regenerating to mainly ironwood. Sugar maple quality is generally good but somewhat variable, better in southern portion. Average BA is ~86 sf/acre. Found 3 stick nests in 2014 and left buffer of unmarked trees around each one. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 84 | Log/Pole | 12 | 80 | Sugar Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 3 | Log | 15 | | Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 5 | Log | 12 | | Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole/Log | 9 | | Beech | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Birch | 3 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 42220 - Natural Jack Pine | Sapling Well | 10.3 | 17 | Immature | N/A | Cut 2004, 115 Mix, 61-042-03-01. Only cut jack pine. Young jp stand, growing well. Balsam fir scattered throughout stand along with red/white oak, sm, beech and occasional aspen. Not sure whether stand was planted/seeded or regenerated naturally following harvest. 3 deer exclosures installed in HW stand in 1995? Now part of this stand? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 5 | Sapling/Pole | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 4 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 2 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 68 | Sapling | 2 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 4 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | 5 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 2 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 622 - Lowland Shrub | Nonstocked | 13.1 | 0 | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|------------|--------------------|----------|--------------|---|---------------|--------------|----|---------|---------------|----|----------|----|----|--------------|----|--------------|----|--|----------------------|----|--------------|----|--|--|----|--------------------|---------|-------------|---|-------------|--------------------|----------|-------------|--------------|------------|--------------|-------------|----------|---|--------------|--------------------|------------|-------------|--------------|---------|-----------|--------------|-------------|----------|------|--------------|---------|-------------|-----|--------------|---------|
| 34 | 6118 - Lowland Deciduous with Cedar | Sapling Well | 5.4 | 40 | | N/A | Lowland stand dominated by black ash. Very dense. Decent amount of conifers throughout. Some aspen and red maple pockets. Didn't look at this in 2021. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 15 | Pole | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 10 | Sapling/Pole | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 20 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Ash | 50 | Sapling/Pole | 4 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 4112 - Maple, Beech, Cherry Association | Sawtimber Well | 20.4 | 80 | 81-110 | N/A | A narrow strip along Baker Rd was thinned in 1996. White Morel Sale, 61-031-93-01. Most of sale was what is now stand 72. Stand has some very large red maple clumps and a few pockets of aspen. Not a great candidate for thinning but has some declining trees that could be removed if we package this with another stand nearby. A few aspen pockets and hemlock along Baker Rd. Average BA 95 sf/acre. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 60 | Log/Pole | 12 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Birch | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | 3 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 13 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 2 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 4130 - Aspen | Poletimber Well | 65.4 | 53 | 81-110 | N/A | Aspen stand with unusually good sugar maple and single stem red maple in understory, 2-4" dbh. Aspen is declining. A few pockets of mostly hardwood logs. Treatment would be a nice release of the understory but cutting would sacrifice some of it. 61-030-68. Cut aspen and elm in 1968. Possibly cut all trees > 6" DBH except scattered trees left for seed and diversity. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 15 | Pole/Log/Sap | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 70 | Pole/Log | 8 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 5 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | High | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Ash | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 3301 - Low Density Deciduous Trees | Nonstocked | 23.9 | | | No | Opening with 4-6" cherry throughout. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <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>Cherry (spp.)</td> <td>Medium</td> <td></td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Cherry (spp.) | Medium | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry (spp.) | Medium | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 4112 - Maple, Beech, Cherry Association | Sawtimber Well | 12.7 | 60 | 81-110 | N/A | Kind of similar to Stand 36 but less aspen and lesser quality overstory. Mostly clumpy red maple and declining cherry. Cut aspen in 1968. 61-032-68. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 45 | Log/Pole | 10 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 30 | Log/Pole | 12 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 15 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Pole/Sap/Log | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|------------------|------------|------------|----------|--------------|--|----|--------------|----|----|--------------|----|--------------|----|----|--------------|----|--------------|----|--|---------------|----|--------------|----|----|--------------|----|---------------|----|--|--|---|--------------------|---------|-------------|---|-----------|--------------------|-------------|-------------|--|-------------|--------------------|-------------|--------------|--------|-------------|-------------|----------|----------|--------|-------------|-------------|---------|--------------|--------|----------|---------|-------------|-----|----------|------|----------------------|--------|-------------|------------|
| 39 | 4110 - Sugar Maple Association | Sawtimber Well | 57.9 | 80 | 81-110 | N/A | Thinned in 1996. Section 23 Hardwoods, 61-042-93-01. Variable stand with some areas of decent sugar maple logs and a few areas of nice, small sugar maple poles. Decent amount of defect and high risk trees but overall BA is low for thinning (~90 sf/acre). PC, 2011: lower quality in southern portion of stand. Larger red maple more common in central part of stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 75 | Log/Pole | 12 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| American Elm | 2 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Log | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basswood | 4 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 7 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Birch | 2 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 4116 - Mixed N. Hardwood - Aspen | Poletimber Well | 22.1 | 37 | 1-50 | N/A | Variable stand in terms of stocking, quality and species composition. Mixture of lower quality pole sized aspen, clumpy red maple and black cherry, with areas of 2-3" hwd regen. BA should be 'immature' but Mifi won't let me use that. Clearcut in 1984. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 5 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 35 | Pole/Sapling | 7 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 30 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 3303 - Mixed Low Density Trees | Nonstocked | 4.8 | | | No | Low density trees, cherry and some conifers present along with aspen and other hardwood species. 2-track through center of stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 4130 - Aspen | Sapling Well | 6.2 | 8 | Immature | N/A | Habitat cut ~2013. FTP W62-840. Trees were hand felled and are still full length with all their limbs still attached. This is in order to produce a young densely stocked deciduous stand. A3 with red maple component. Left fringe of older aspen along east and south edges as buffer to wet areas/stream. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 4112 - Maple, Beech, Cherry Association | Sawtimber Medium | 80.4 | 80 | 51-80 | N/A | Stand was shelterwood harvested in 2007. M72 Hardwoods, 61-028-03-01. Variable stand but mostly red maple and cherry with a little more sugar maple. Sugar maple is densest in the far north part of the stand but there is still a fair amount of defect and high-risk trees. Some areas of fair quality but in general, I think it should have been cut more heavily the last time. Regen is patchy with some areas of nice small sugar maple poles, fair amount of red maple and cherry stump sprouts, other areas of dense ironwood and some areas of mostly blackberry. Aspen stumps visible in the north-central part of stand but little aspen regen. Evidence of high deer numbers and heavy browse. Southernmost part is mostly below a bluff and has more red maple, white pine and balsam fir. Access to south part of stand was tricky and looks like 2007 sale had to skid across private property. Seems possible not to do that but I couldn't find corners so I'm not sure about property lines. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>15</td><td>Log/Pole</td><td>11</td><td></td></tr> <tr><td>Red Maple</td><td>55</td><td>Log/Pole</td><td>12</td><td>80</td></tr> <tr><td>Yellow Birch</td><td>2</td><td>Pole/Log</td><td>9</td><td></td></tr> <tr><td>Black Cherry</td><td>22</td><td>Log/Pole</td><td>10</td><td></td></tr> <tr><td>White Pine</td><td>2</td><td>Log/XLog/Pole</td><td>16</td><td></td></tr> <tr><td>Quaking Aspen</td><td>2</td><td>Pole</td><td>6</td><td></td></tr> <tr><td>Ironwood</td><td>2</td><td>Pole/Sapling</td><td>5</td><td></td></tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Sugar Maple | 15 | Log/Pole | 11 | | Red Maple | 55 | Log/Pole | 12 | 80 | Yellow Birch | 2 | Pole/Log | 9 | | Black Cherry | 22 | Log/Pole | 10 | | White Pine | 2 | Log/XLog/Pole | 16 | | Quaking Aspen | 2 | Pole | 6 | | Ironwood | 2 | Pole/Sapling | 5 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Red Maple</td><td>Medium</td><td>>20 feet</td><td>Sapling</td></tr> <tr><td>Beech</td><td>Medium</td><td>5 - 10 feet</td><td>Sapling</td></tr> <tr><td>Black Cherry</td><td>Medium</td><td>< 5 feet</td><td>Sapling</td></tr> <tr><td>Sugar Maple</td><td>Low</td><td>>20 feet</td><td>Pole</td></tr> <tr><td>Blackberry/Raspberry</td><td>Medium</td><td>5 - 10 feet</td><td>Tall Shrub</td></tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | >20 feet | Sapling | Beech | Medium | 5 - 10 feet | Sapling | Black Cherry | Medium | < 5 feet | Sapling | Sugar Maple | Low | >20 feet | Pole | Blackberry/Raspberry | Medium | 5 - 10 feet | Tall Shrub |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 15 | Log/Pole | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 55 | Log/Pole | 12 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Birch | 2 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 22 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 2 | Log/XLog/Pole | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 2 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ironwood | 2 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | Low | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blackberry/Raspberry | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 4110 - Sugar Maple Association | Poletimber Poor | 5.3 | 35 | 1-50 | N/A | Was typed as an opening in 2011 but has filled in enough to be a forested stand. Cherry and some shrubs throughout. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 65 | Pole/Sapling | 5 | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 25 | Log/Pole | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | |
|----------------------|--|-------------------|--------------|-----------|----------|--------------------|---|---------|--------------|------------|
| 45 | 6132 - Mixed Lowland Forest with Cedar | Poletimber Medium | 85.2 | 90 | | N/A | Mixed lowland stand along river corridor. Difficult to access portions of stand because of wet ground/creeks but found cedar to be dominant w/ other conifers present along w/ lowland deciduous spp. nice stand, steps down from surrounding stands about 10-15'. Evidence of old, cut white pine stumps next to stream. Fades into less forested stand at north end. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 20 | Pole/Sap/Log | 7 | | Red Maple | | Low | 5 - 10 feet | Sapling |
| Yellow Birch | | 5 | Pole | 6 | | Tag Alder | | Medium | 5 - 10 feet | Tall Shrub |
| Paper Birch | | 8 | Pole | 6 | | Cherry (spp.) | | Low | 5 - 10 feet | Sapling |
| Balsam Poplar | | 5 | Pole | 7 | | | | | | |
| Balsam Fir | | 20 | Pole | 6 | | | | | | |
| Northern White Cedar | | 25 | Pole/Log | 8 | 90 | | | | | |
| Hemlock | | 5 | Pole/Log | 9 | | | | | | |
| White Pine | | 7 | Log/XLog | 14 | | | | | | |
| Black Cherry | | 5 | Pole/Log | 8 | | | | | | |
| 46 | 6113 - Lowland Maple | Sawtimber Well | 25.3 | 74 | 111-140 | N/A | Lowland stand with some upland ridges that might be manageable, especially on the west side and south end. (Attached MM file is from upland portions only.) Several drains/tag alder threads in middle of stand. Upland pockets are mostly red maple and cherry with some aspen and other hardwood species. Lower parts are aspen/balsam fir with some hemlock and cedar, especially at the south end. Possible habitat cut in 1983. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 60 | Log/Pole/Sap | 12 | 74 | Red Maple | | Medium | 5 - 10 feet | Sapling |
| Balsam Fir | | 15 | Pole/Sapling | 5 | | Quaking Aspen | | Low | 5 - 10 feet | Sapling |
| Northern White Cedar | | 5 | Pole/Sap/Log | 8 | | Balsam Fir | | Low | 5 - 10 feet | Sapling |
| Hemlock | | 5 | Log/Pole | 8 | | Beech | | Low | 10 - 20 feet | Sapling |
| Black Cherry | | 10 | Log/Pole | 10 | | Tag Alder | | Low | 5 - 10 feet | Tall Shrub |
| Quaking Aspen | | 5 | Pole/Log | 8 | | Hemlock | | Low | >20 feet | Sapling |
| 47 | 6112 - Lowland Aspen | Poletimber Medium | 17.0 | 40 | 51-80 | N/A | Mostly lowland stand. Vague records of old habitat cuts. Now poor to mediocre aspen over balsam fir and tag alder. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 15 | Sapling/Pole | 3 | | Balsam Fir | | Medium | Variable | Sapling |
| Quaking Aspen | | 50 | Pole/Sapling | 7 | 40 | Red Maple | | Low | 10 - 20 feet | Sapling |
| Balsam Fir | | 20 | Pole | 8 | | Tag Alder | | Low | 5 - 10 feet | Tall Shrub |
| Black Cherry | | 15 | Sapling/Pole | 4 | | | | | | |
| 48 | 4116 - Mixed N. Hardwood - Aspen | Sawtimber Well | 25.8 | 51 | 81-110 | N/A | Variable stand. Generally poor quality red maple and declining black cherry with more aspen to the south. Average BA ~90 sf/acre. Some semi-open areas. Two ephemeral ponds (old borrow pits?) south and east of well site. 2011: crew was active harvesting opening for gas well on border of stand. Final harvest, saving very scattered white pine, balsam fir and some sugar maple for seed. Protect ephemeral ponds with tree-length buffer. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Maple | | 40 | Log/Pole | 11 | 51 | Red Maple | | Medium | 5 - 10 feet | Sapling |
| Quaking Aspen | | 25 | Pole | 7 | 51 | Beech | | Medium | 5 - 10 feet | Sapling |
| Balsam Fir | | 3 | Pole | 5 | | Balsam Fir | | Medium | 10 - 20 feet | Sapling |
| Black Cherry | | 20 | Pole/Log | 9 | | White Pine | | Low | 5 - 10 feet | Sapling |
| Sugar Maple | | 8 | Log | 12 | | Black Cherry | | Low | 5 - 10 feet | Sapling |
| Red Oak | | 2 | Pole | 7 | | | | | | |
| White Oak | | 2 | Pole | 7 | | | | | | |



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

49 4112 - Maple, Beech, Cherry Association Poletimber Medium 12.0 50 51-80 N/A Mixed low quality hardwood stand w/ cherry, rm, bw, sm and asp present. Open in places, variable ba throughout. Similar to Stand 48 but more open canopy.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|--------------|-----|-----|----------------------|---------|--------------|------------|
| Sugar Maple | 10 | Pole | 8 | | White Pine | Low | 5 - 10 feet | Sapling |
| Red Maple | 40 | Pole/Log | 8 | 50 | Black Cherry | Low | 5 - 10 feet | Sapling |
| Basswood | 8 | Pole | 8 | | Blackberry/Raspberry | Medium | < 5 feet | Tall Shrub |
| Bigtooth Aspen | 5 | Pole | 8 | | Red Maple | Low | 10 - 20 feet | Sapling |
| Black Cherry | 35 | Pole/Log | 7 | | | | | |
| White Pine | 2 | Pole/Log/Sap | 10 | | | | | |

50 4199 - Other Mixed Upland Deciduous Poletimber Medium 57.4 35 1-50 N/A Very mixed stand with mediocre aspen, shrubby cherry and maple, oaks, fir, wp and other species in lesser numbers present. Open/u-type in many areas, overall quite low stocking. More conifer and wetter along western edge adjacent to stream Most of stand was clearcut in 1986. 61-006-83-01.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------------|---------|------------------|-----|-----|--------------------|---------|--------------|------------|
| Red Maple | 15 | Sapling | 3 | | Witch Hazel | Low | 5 - 10 feet | Tall Shrub |
| Red Oak | 2 | Sapling | 1 | | Red Maple | Medium | 10 - 20 feet | Sapling |
| Quaking Aspen | 28 | Pole/Sapling | 5 | 35 | | | | |
| Balsam Fir | 5 | Sapling/Pole | 4 | | | | | |
| White Pine | 5 | Sapling/Pole/Log | 3 | | | | | |
| Red Pine | 2 | Log | 10 | | | | | |
| Black Cherry | 38 | Pole/Sapling | 5 | 35 | | | | |
| Serviceberry (Juneberry) | 5 | Sapling | 3 | | | | | |

51 330 - Low-Density Trees Nonstocked 14.3 0 4211 - Planted Red Pine Chopped and trenched August 2016. Planted May 2017. Regen survey 2018, recommended release. Has been on list to skidder spray ever since then but has never gotten done. Competition is mostly red maple, 3-4' tall. Final harvest 2014, Rebork Red Pine, 61-059-13-01.

52 622 - Lowland Shrub Nonstocked 2.0 0 No Dammed up by old railroad grade. Mostly tag alder.

53 110 - Low Intensity Urban Nonstocked 3.4 0 Active site.

54 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 3.7 30 1-50 N/A Hodgepodge stand of regen including jack pine, red maple, aspen, ironwood, balsam fir and oaks. More open at the south end.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
|----------------|---------|--------------|-----|-----|--------------------|---------|-------------|---------|
| Red Maple | 25 | Sapling | 2 | | Black Cherry | Medium | 5 - 10 feet | Sapling |
| Red Oak | 20 | Sapling/Pole | 4 | | Red Maple | Medium | >20 feet | Sapling |
| Quaking Aspen | 5 | Sapling | 2 | | | | | |
| Balsam Fir | 10 | Sapling/Pole | 4 | | | | | |
| Jack Pine | 25 | Pole/Sapling | 6 | 30 | | | | |
| Ironwood | 5 | Sapling | 2 | | | | | |
| Red Pine | 5 | Pole | 5 | | | | | |
| White Oak | 5 | Sapling/Pole | 5 | | | | | |



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

| | | | | | | | |
|-----------|--------------|--------------|------|----|----------|-----|--|
| 55 | 4130 - Aspen | Sapling Well | 41.7 | 16 | Immature | N/A | Multi part aspen (A3) stand regenerating well. Mixture of other deciduous species distributed throughout. 115 Aspen, 61-058-03-01. Cut 2005. |
|-----------|--------------|--------------|------|----|----------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Red Maple | 4 | Sapling | 2 | |
| Beech | 2 | Sapling | 1 | |
| Red Oak | 2 | Sapling | 1 | |
| Bigtooth Aspen | 86 | Sapling | 2 | 16 |
| Black Cherry | 2 | Sapling | 1 | |
| Ironwood | 2 | Sapling | 1 | |
| Sugar Maple | 2 | Sapling/Pole | 3 | |

| | | | | | | | |
|-----------|-------------------------------|-----------------|------|----|---------|-----|--|
| 56 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 34.3 | 56 | 111-140 | N/A | This was part of Stand 64, which was not treated in 2013 in order to break up the aspen age class. I believe this was cut in 1965, 61-027-65. Patchy composition now with mostly aspen to the north and east. A little more hardwood along the west edge and some red and white pine at the south end. Heavy browse on the red maple in understory. I think I would like to hold this 10 years to go with Stand 70, depending on what the plans recommend. |
|-----------|-------------------------------|-----------------|------|----|---------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Bigtooth Aspen | 48 | Pole/Log | 9 | 56 |
| White Pine | 7 | Pole/Log | 8 | |
| Red Pine | 3 | Log | 12 | |
| Sugar Maple | 5 | Log/Pole | 10 | |
| Red Maple | 15 | Pole/Log | 9 | |
| Beech | 5 | Log/Pole | 10 | |
| Red Oak | 3 | Pole/Log | 9 | |
| Black Cherry | 3 | Pole/Log | 8 | |
| Quaking Aspen | 7 | Pole/Log | 8 | |
| Basswood | 4 | Log | 12 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|--------------|---------|
| Beech | High | 10 - 20 feet | Sapling |
| Red Maple | High | 5 - 10 feet | Sapling |
| Red Oak | Trace | 5 - 10 feet | Sapling |
| White Pine | Trace | 5 - 10 feet | Sapling |

| | | | | | | | |
|-----------|--------------------------------|----------------|-------|----|--------|-----|--|
| 57 | 4110 - Sugar Maple Association | Sawtimber Well | 109.6 | 80 | 81-110 | N/A | 2011: Hardwood stand thinned 2005, responding well. Sunset Trail Hardwoods, 61-029-03. Pole sized overall but quickly transitioning to log. Sugar maple and basswood are most common. Quality lessens in southern part of stand. Much more limby with lower overall density. Some aspen at edges and regen from harvest in this area. Overall size decreases as well. Red maple more prevalent along western edge, closer to Sunset Tr.2021: Stand is definitely log sized now but average BA is still low, ~84 sf/acre. Regen gaps from last sale are mostly beech and ironwood. Were they too small? Moderately hilly. |
|-----------|--------------------------------|----------------|-------|----|--------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Sugar Maple | 65 | Log/Pole | 10 | 80 |
| Red Maple | 7 | Log/Pole | 10 | |
| Basswood | 15 | Log | 12 | |
| Beech | 3 | Pole/Log | 8 | |
| Bigtooth Aspen | 4 | Pole/Log | 8 | |
| Ironwood | 4 | Pole | 6 | |
| Red Oak | 2 | Pole | 8 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|----------------------|---------|--------------|------------|
| Sugar Maple | Low | 5 - 10 feet | Sapling |
| Beech | High | 10 - 20 feet | Sapling |
| Ironwood | High | 10 - 20 feet | Sapling |
| Blackberry/Raspberry | Low | < 5 feet | Tall Shrub |

| | | | | | | | |
|-----------|--------------------------------|------------|------|--|--|----|---|
| 58 | 3303 - Mixed Low Density Trees | Nonstocked | 14.7 | | | No | Narrow opening w/ cherry, white pine and aspen present in low numbers. 2-track through center of stand. |
|-----------|--------------------------------|------------|------|--|--|----|---|

| | | | | | | | |
|-----------|--------------|--------------|-----|----|----------|-----|---|
| 59 | 4130 - Aspen | Sapling Well | 2.6 | 32 | Immature | N/A | Young aspen stand, overall a large sapling size class with some trees getting close to small pole size. Decent amount of sugar maple growing in tandem with the aspen in places (1-2" maple with 2-4" aspen, similar stem density). |
|-----------|--------------|--------------|-----|----|----------|-----|---|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Sugar Maple | 18 | Sapling | 2 | |
| Bigtooth Aspen | 80 | Sapling/Pole | 4 | 32 |
| Ironwood | 2 | Sapling | 2 | |

| Sub-Canopy Species | Density | Avg. Height | Size |
|--------------------|---------|--------------|---------|
| Beech | Low | 5 - 10 feet | Sapling |
| Sugar Maple | Low | 10 - 20 feet | Sapling |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | |
|-----------------------|---------------------------------------|-----------------|-------------------|------------|-------------|---------------------------|--|----------------|--------------------|-------------|
| 60 | 4111 - S.Maple, Hard Mast Association | Sawtimber Well | 5.7 | 80 | 51-80 | N/A | Cut 6/2012-8/2013 as part of Career Hardwoods, 61-045-10-01. Included additional beech volume throughout sale per salvage guidelines. The understory is now almost a solid beech thicket. This site will be difficult to manage. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Sugar Maple | | 45 | Log/Pole | 10 | 80 | Beech | | Full | 10 - 20 feet | Sapling |
| Red Maple | | 10 | Log/Pole | 8 | | Ironwood | | Medium | 5 - 10 feet | Sapling |
| Basswood | | 15 | Log/Pole | 10 | | Red Maple | | Low | 5 - 10 feet | Sapling |
| Beech | | 30 | Pole/Log | 9 | | | | | | |
| 61 | 4119 - Mixed Northern Hardwoods | Poletimber Well | 49.6 | 70 | 81-110 | N/A | Mediocre quality hardwood stand with some pockets of decent form. Average BA 100 sf/acre. Some areas heavier to red maple, but others are more typical hardwood association. A few pockets of thick beech. Pocket of white pine at north end near Sunset Trail. Used to have a fair amount of white ash. Rolling hills with a generally north-south ridge. Adjacent landowner has been maintaining trails for ORVs. Would like to treat but am concerned about the beech regeneration in the understory and some pockets of dense, small ironwood poles. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Sugar Maple | | 35 | Pole/Log/Sap | 8 | 70 | Sugar Maple | | Low | 5 - 10 feet | Sapling |
| Red Maple | | 20 | Pole | 8 | | Red Maple | | Low | 5 - 10 feet | Sapling |
| Red Oak | | 2 | Pole | 6 | | Beech | | High | 10 - 20 feet | Sapling |
| Beech | | 19 | Log/Pole/Sap | 10 | | Ironwood | | Medium | >20 feet | Sapling |
| Bigtooth Aspen | | 5 | Pole/Log | 8 | | | | | | |
| White Pine | | 10 | Pole/Log | 8 | | | | | | |
| Basswood | | 7 | Log | 12 | | | | | | |
| Ironwood | | 2 | Pole | 6 | | | | | | |
| 62 | 3301 - Low Density Deciduous Trees | Nonstocked | 2.4 | | | No | Opening, red maple scattered. Old stump dump with unknown origin. | | | |
| 63 | 3303 - Mixed Low Density Trees | Nonstocked | 4.2 | | Unspecified | No | Small opening with scattered trees on eastern side, rm, cherry, wp and aspen. Snowmobile trail. | | | |
| 64 | 4130 - Aspen | Sapling Well | 65.9 | 7 | Immature | N/A | Clearcut March - May 2014. Good regeneration. Left scattered residual along snowmobile trail, mostly longer-lived species like pine, oak, and maple. Tremendous Mix, 61-067-13-01. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Sugar Maple | | 5 | Sapling/Pole | 1 | | Balsam Fir | | Low | 5 - 10 feet | Sapling |
| Red Maple | | 8 | Sapling | 1 | | Oak (spp.) | | Low | < 5 feet | Sapling |
| Red Oak | | 2 | Pole/Log | 8 | | | | | | |
| Quaking Aspen | | 35 | Sapling | 1 | | | | | | |
| Bigtooth Aspen | | 50 | Sapling | 1 | 7 | | | | | |
| 65 | 4130 - Aspen | Sapling Well | 60.6 | 26 | Immature | N/A | Aspen stand growing well with a decent hardwood component under the larger aspen. Borderline pole stand but most aspen still small. Bigtooth doing better than quaking aspen. Some oaks throughout along with white pine, cherry, sugar maple, and red maple. Sunset Aspen, 61-040-93-01, cut 1995. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Oak | | 5 | Sapling | 2 | | Red Maple | | Low | 5 - 10 feet | Sapling |
| Quaking Aspen | | 35 | Sapling/Pole | 4 | 26 | Sugar Maple | | Low | 10 - 20 feet | Sapling |
| White Pine | | 5 | Sapling | 2 | | Beech | | Trace | 5 - 10 feet | Sapling |
| Black Cherry | | 5 | Sapling | 3 | | | | | | |
| Bigtooth Aspen | | 25 | Pole/Sapling | 4 | | | | | | |
| Red Maple | | 25 | Sapling | 2 | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|-----------------------|---------------------------------------|-----------------|-------------------|------------|-------------|---------------------------|---|
| 66 | 42260 - Natural Pine, Mixed Deciduous | Sawtimber Well | 10.8 | 74 | 81-110 | N/A | Mixed rp/wp stand. Red maple and aspen removed in previous treatment, now regenerating in understory (2-5" dbh). Pine has decent form, denser at south end. Overall stand has light stocking, variable spp composition, Some openings. Occasional oak in understory. |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Red Maple | | 10 | Pole/Log/Sap | 8 | | Red Maple | |
| White Pine | | 25 | Log/Pole | 12 | 74 | Medium | |
| Red Pine | | 35 | Log/Pole | 12 | 74 | Medium | |
| Quaking Aspen | | 30 | Pole/Sapling | 5 | | Density | |
| | | | | | | Avg. Height | |
| | | | | | | Size | |
| | | | | | | Red Maple | |
| | | | | | | Medium | |
| | | | | | | Medium | |
| | | | | | | Low | |
| | | | | | | Low | |
| | | | | | | 5 - 10 feet | |
| | | | | | | >20 feet | |
| | | | | | | >20 feet | |
| | | | | | | Sapling | |
| | | | | | | Sapling | |
| | | | | | | Sapling | |
| | | | | | | Sapling | |
| 67 | 6224 - Treed Bog | Nonstocked | 13.7 | | | No | Treed bog with tamarack and black spruce of variable size most common. Trees heavier in eastern finger of stand. Alder around perimeter, leatherleaf throughout. Some areas look to have standing water. |
| | | | | | | | Sub-Canopy Species |
| | | | | | | | Density |
| | | | | | | | Avg. Height |
| | | | | | | | Size |
| | | | | | | | Black Spruce |
| | | | | | | | Low |
| | | | | | | | |
| | | | | | | | Sapling |
| | | | | | | | |
| | | | | | | | Tamarack |
| | | | | | | | Medium |
| | | | | | | | |
| | | | | | | | Pole |
| 68 | 4133 - Aspen, Mixed Pine | Poletimber Well | 6.5 | 35 | Unspecified | N/A | Generally poor quality aspen, sapling to small poles. A few supercanopy white and red pine. Mostly on a slope down to the bog. |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Quaking Aspen | | 80 | Pole/Sapling | 5 | 35 | White Pine | |
| White Pine | | 10 | Pole/Sap/Log | 9 | | Low | |
| Red Pine | | 10 | Log/Pole | 12 | | Low | |
| | | | | | | Low | |
| | | | | | | Low | |
| | | | | | | 5 - 10 feet | |
| | | | | | | 5 - 10 feet | |
| | | | | | | < 5 feet | |
| | | | | | | 5 - 10 feet | |
| | | | | | | Sapling | |
| | | | | | | Sapling | |
| | | | | | | Sapling | |
| | | | | | | Sapling | |
| 69 | 110 - Low Intensity Urban | Nonstocked | 15.5 | | | Managed Opening | Snowmobile trail parking lot, surrounding opening and adjacent M72 right-of-way. Some seedlings around edges. Grasses common along w/ ferns. |
| | | | | | | | Sub-Canopy Species |
| | | | | | | | Density |
| | | | | | | | Avg. Height |
| | | | | | | | Size |
| | | | | | | | Big Bluestem |
| | | | | | | | Low |
| | | | | | | | |
| | | | | | | | Non-Wood |
| 70 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 26.6 | 45 | 81-110 | N/A | Aspen stand with decent hardwood component especially along the snowmobile trail and in the southwestern part. Balsam fir in low numbers scattered throughout. Some hardwood regen including red maple, sugar maple, beech and a small number of oak seedlings. Stand is quite variable in places in terms of size, composition and overall density-some open areas. Snowmobile trail runs through center of stand from north to south so visual is a concern in this area. Was originally part of Stand 64 but that was treated in 2013 and this was held to increase age class diversity. I think this should be held another 10 years. Clearcut 1976. 61-034-76. |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | |
| Bigtooth Aspen | | 20 | Pole/Sap/Log | 8 | 45 | Red Maple | |
| Quaking Aspen | | 37 | Pole/Sapling | 7 | 45 | Medium | |
| Red Maple | | 12 | Pole/Log/Sap | 6 | | Low | |
| Sugar Maple | | 3 | Pole/Sapling | 6 | | Low | |
| Red Oak | | 8 | Pole/Log | 8 | | Low | |
| Balsam Fir | | 2 | Pole/Sapling | 5 | | Density | |
| Paper Birch | | 2 | Log/Pole | 10 | | Avg. Height | |
| Basswood | | 3 | Pole/Log/Sap | 6 | | Size | |
| Black Cherry | | 13 | Pole/Sap/Log | 6 | | Red Maple | |
| | | | | | | Medium | |
| | | | | | | Low | |
| | | | | | | Low | |
| | | | | | | 5 - 10 feet | |
| | | | | | | 5 - 10 feet | |
| | | | | | | < 5 feet | |
| | | | | | | >20 feet | |
| | | | | | | >20 feet | |
| | | | | | | Sapling | |
| | | | | | | Sapling | |
| | | | | | | Sapling | |
| | | | | | | Sapling | |



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

| 71 | 42110 - Planted Red Pine | Sawtimber Well | 60.8 | 78 | 81-110 | N/A | Red pine stand, called plantation however there are areas of natural rp along w/ scattered older supercanopy individuals. Interesting stand, mixed size classes. Some open areas, some areas w/ heavy hwd regen in understory. Scattered oaks present as well. White pine also a significant component, most notable in southern portions of stand and near treed bog to the west. Terrain is hilly in spots. Western edge of stand fades into aspen cover type in places. Removed all aspen, jack pine and red maple March - May 2014. Thinned pine and oak to average residual of ~88 sf/ac. BA by plot is in sale packet. Treemendous Mix, 61-067-13-01. 2021: regen appears to be mostly oak and red maple stump sprouts with occasional pockets of aspen. It will be hard to maintain pine on this site. | | | | |
|----------------|--------------------------|----------------|---------------|-----|--------|--------------------|---|---------|--------------|---------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| Red Oak | | 2 | Log/Pole | 10 | 118 | Red Maple | | Medium | 5 - 10 feet | Sapling | |
| White Pine | | 18 | Log/Pole | 10 | | Beech | | Medium | 5 - 10 feet | Sapling | |
| Red Pine | | 80 | Log/Pole/XLog | 12 | 78 | Quaking Aspen | | Low | 10 - 20 feet | Sapling | |
| | | | | | | Red Pine | | Low | 10 - 20 feet | Sapling | |
| | | | | | | Red Oak | | Medium | 5 - 10 feet | Sapling | |

| 72 | 4110 - Sugar Maple Association | Sawtimber Well | 33.2 | 80 | 51-80 | N/A | Stand dominated by good quality sugar maple. Density is slightly more variable in north but overall uniform. A few small pockets of maple mortality in the north part of the stand have filled in with elderberry. Trace of hemlock, yellow birch and larger beech. Understory is thick with beech in places and there are some pockets of sugar maple regeneration. Thinned in 2014. Horn Honker Hardwoods, 61-048-13-01. Average BA after thinning is 77 sf. 2021 BAs: 50, 80, 60; avg. 63 sf/acre. Used to have stick nest near Baker Rd but tree might have fallen. | | | | |
|----------------|--------------------------------|----------------|------------|-----|-------|----------------------|---|---------|-------------|------------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| Sugar Maple | | 70 | Log/Pole | 10 | 80 | Ironwood | | High | 5 - 10 feet | Sapling | |
| Red Maple | | 15 | Log/Pole | 10 | | Blackberry/Raspberry | | Medium | 5 - 10 feet | Tall Shrub | |
| Basswood | | 10 | Log | 12 | | Elderberry | | Medium | 5 - 10 feet | Tall Shrub | |
| Black Cherry | | 5 | Log/Pole | 10 | | Beech | | Low | 5 - 10 feet | Sapling | |
| | | | | | | Hemlock | | Low | >20 feet | Pole | |

| 73 | 110 - Low Intensity Urban | Nonstocked | 1.1 | | | No | Opening contains AT&T tower. Grasses predominant, some seedlings around edges. |
|--------------------|---------------------------|------------|-------------|----------|--|----|--|
| Sub-Canopy Species | | Density | Avg. Height | Size | | | |
| Big Bluestem | | Low | | Non-Wood | | | |
| Spotted Knapweed | | Low | | Non-Wood | | | |

| 74 | 4139 - Aspen, Mixed Deciduous | Sapling Well | 51.3 | 7 | 1-50 | N/A | Cut March - May 2014. More oak and hardwood in this part of stand so some was marked to leave. Residual BA ~20-40 sf/acre. Treemendous Mix, 61-067-13-01. Hard to get a decent look at this stand because of dense regen and blackberry. Dense beech regen especially at north edge. Fair amount of red maple stump sprouts. Separated this part of the stand, thinking it has greater hardwood canopy, less aspen regen and more hardwood regen. | | | | |
|----------------|-------------------------------|--------------|------------|-----|------|--------------------|---|---------|-------------|------------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| Bigtooth Aspen | | 25 | Sapling | 1 | 7 | Common Blackberry | | Medium | 5 - 10 feet | Tall Shrub | |
| Quaking Aspen | | 15 | Sapling | 1 | | | | | | | |
| Red Oak | | 10 | Log | 14 | 80 | | | | | | |
| White Oak | | 5 | Log | 12 | | | | | | | |
| Sugar Maple | | 10 | Log/Pole | 12 | | | | | | | |
| Beech | | 25 | Sapling | 1 | 7 | | | | | | |
| Red Maple | | 10 | Sapling | 1 | | | | | | | |

| 75 | 4130 - Aspen | Poletimber Well | 5.8 | 61 | | N/A | Part of Stand 64 left as buffer against bog. Most of stand is on a slope leading down to the bog. | | | | |
|----------------|--------------|-----------------|--------------|-----|-----|--------------------|---|---------|-------------|---------|--|
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size | |
| Quaking Aspen | | 30 | Pole | 7 | | Balsam Fir | | Low | Variable | Sapling | |
| Bigtooth Aspen | | 50 | Pole/Log | 8 | 61 | Red Maple | | High | 5 - 10 feet | Sapling | |
| Red Maple | | 10 | Pole/Sap/Log | 6 | | | | | | | |
| White Pine | | 10 | Pole/Log | 8 | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|-----------------|---------|-----------|--------------------|--------------|---|--------------------|---------|-------------|------|---------------|--------------------|---------|-------------|------|---------------|-----------|--------------|----------|----|------------|-----|-------------|---------|-----------|----|--------------|---|--|-----------|--------|--------------|---------|------------|---|------|---|--|-------------|-----|--------------|---------|-------------|---|----------|---|--|----------|--------|----------|---------|-------------|----|----------|---|--|--|--|--|--|----------------|----|----------|---|--|--|--|--|--|
| 76 | 411 - Northern Hardwood | Poletimber Well | 4.2 | 60 | 51-80 | N/A | Small pocket of hardwood separated out from U-type. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | 4130 - Aspen | Poletimber Well | 3.5 | 56 | Unspecified | N/A | Excluded from treatment to the north for visual concerns around trailhead parking lot. Sliver in between 2 pipelines. Hold to cut with Stand 56. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>95</td> <td>Pole/Log</td> <td>8</td> <td>56</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table> | | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age | Bigtooth Aspen | 95 | Pole/Log | 8 | 56 | Red Maple | 5 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 95 | Pole/Log | 8 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 5 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | 4130 - Aspen | Poletimber Well | 29.6 | 38 | 51-80 | N/A | Aspen and mixed hardwood cut in 1983. Baker Block 2, 61-001-83-01. Diverse stand with some aspen but also some decent hardwood regeneration. More birch than usual and some decent bigtooth clones. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Pole/Sapling</td> <td>7</td> <td>38</td> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sap/Log</td> <td>4</td> <td></td> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> <td>Sugar Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole/Log</td> <td>7</td> <td></td> <td>Ironwood</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>10</td> <td>Pole/Log</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>13</td> <td>Pole/Log</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | Quaking Aspen | 50 | Pole/Sapling | 7 | 38 | Balsam Fir | Low | 5 - 10 feet | Sapling | Red Maple | 20 | Pole/Sap/Log | 4 | | Red Maple | Medium | 10 - 20 feet | Sapling | Balsam Fir | 5 | Pole | 6 | | Sugar Maple | Low | 10 - 20 feet | Sapling | Paper Birch | 2 | Pole/Log | 7 | | Ironwood | Medium | >20 feet | Sapling | Sugar Maple | 10 | Pole/Log | 6 | | | | | | Bigtooth Aspen | 13 | Pole/Log | 8 | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 50 | Pole/Sapling | 7 | 38 | Balsam Fir | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Pole/Sap/Log | 4 | | Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 5 | Pole | 6 | | Sugar Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 2 | Pole/Log | 7 | | Ironwood | Medium | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sugar Maple | 10 | Pole/Log | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 13 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 3301 - Low Density Deciduous Trees | Nonstocked | 7.9 | | Unspecified | No | Opening with scattered 4-6" cherry throughout. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherry (spp.) | Medium | | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | 622 - Lowland Shrub | Nonstocked | 8.1 | 0 | Unspecified | No | Lowland shrub with North Branch of the Manistee running through the middle. A few more trees along the edges and it transitions into the adjacent forested stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |